

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106438.D
 Acq On : 14 Jun 2018 13:29
 Operator : JU/SJ
 Sample : PB110197BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BSD

Manual Integrations
 APPROVED

Sohil
 6/15/2018 11:16:44 AM

Quant Time: Jun 14 18:49:10 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	125485	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	473031	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	226544	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	461558	20.00	ng	0.00
75) Chrysene-d12	14.17	240	383846	20.00	ng	0.00
86) Perylene-d12	15.71	264	302072	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	942570	127.13	ng	0.00
7) Phenol-d6	6.61	99	1116823	119.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	804281	100.02	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	368129	168.89	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1340888	118.47	ng	0.00
78) Terphenyl-d14	13.09	244	1535653	99.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	138678	36.141	ng	95
3) Pyridine	3.65	79	419824	39.262	ng	98
4) n-Nitrosodimethylamine	3.61	42	186228	38.017	ng	92
6) Aniline	6.63	93	256100	18.723	ng	# 1
8) 2-Chlorophenol	6.77	128	354647	44.481	ng	98
9) Benzaldehyde	6.52	77	168228	23.677	ng	99
10) Phenol	6.63	94	445013	43.518	ng	81
11) bis(2-Chloroethyl)ether	6.70	93	365419	41.743	ng	97
12) 1,3-Dichlorobenzene	6.91	146	401373	42.773	ng	99
13) 1,4-Dichlorobenzene	6.98	146	406652	42.704	ng	99
14) 1,2-Dichlorobenzene	7.14	146	379007	42.279	ng	99
15) Benzyl Alcohol	7.11	79	330317	41.177	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	531850	42.383	ng	# 43
17) 2-Methylphenol	7.23	107	298862	42.013	ng	# 89
18) Hexachloroethane	7.48	117	145909	43.002	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	250626	35.663	ng	96
20) 3+4-Methylphenols	7.38	107	393310	43.235	ng	95
22) Acetophenone	7.37	105	497119	41.702	ng	# 97
24) Nitrobenzene	7.55	77	407590	46.637	ng	95
25) Isophorone	7.78	82	726565	46.261	ng	97
26) 2-Nitrophenol	7.87	139	202229	59.615	ng	99
27) 2,4-Dimethylphenol	7.91	122	327499	49.256	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	457864	44.960	ng	99
29) 2,4-Dichlorophenol	8.12	162	320859	50.021	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	328236	45.638	ng	93
31) Naphthalene	8.27	128	997654	46.655	ng	98
32) Benzoic acid	8.02	122	206289m	42.967	ng	
33) 4-Chloroaniline	8.32	127	108716	11.472	ng	98
34) Hexachlorobutadiene	8.38	225	211869	45.853	ng	99
35) Caprolactam	8.69	113	109674m	50.549	ng	
36) 4-Chloro-3-methylphenol	8.82	107	335285	47.254	ng	99
37) 2-Methylnaphthalene	8.97	142	692946	47.578	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	349911	47.579	ng	98
40) Hexachlorocyclopentadiene	9.11	237	418596	103.164	ng	98

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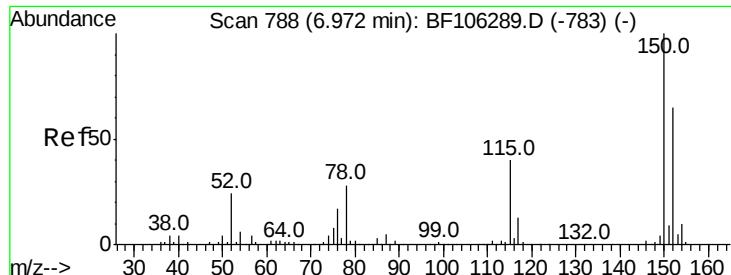
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 6/15/2018 11:16:44 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	243375	51.929	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	247706	49.027	nq #	93
45) 1,1'-Biphenyl	9.42	154	816894	46.555	nq	99
46) 2-Chloronaphthalene	9.45	162	662291	47.164	nq	98
47) 2-Nitroaniline	9.55	65	230007	52.068	nq	96
48) Acenaphthylene	9.87	152	1045784	48.656	nq	98
49) Dimethylphthalate	9.72	163	773906	47.815	nq	99
50) 2,6-Dinitrotoluene	9.79	165	174520	52.787	nq	94
51) Acenaphthene	10.04	154	610167	43.958	nq	99
52) 3-Nitroaniline	9.96	138	84668	21.577	nq	94
53) 2,4-Dinitrophenol	10.07	184	179647	114.221	nq #	16
54) Dibenzofuran	10.22	168	892942	47.773	nq	98
55) 4-Nitrophenol	10.15	139	262536	87.288	nq	96
56) 2,4-Dinitrotoluene	10.20	165	237474	57.199	nq #	99
57) Fluorene	10.56	166	693725	46.844	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	215391	53.788	nq #	84
59) Diethylphthalate	10.42	149	736844	45.867	nq	96
60) 4-Chlorophenyl-phenylether	10.55	204	352240	45.222	nq	90
61) 4-Nitroaniline	10.58	138	191999	50.291	nq	98
62) Azobenzene	10.71	77	772636	46.124	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	127923	50.935	nq	75
65) n-Nitrosodiphenylamine	10.67	169	664649	42.847	nq	96
66) 4-Bromophenyl-phenylether	11.04	248	248093	47.259	nq #	81
67) Hexachlorobenzene	11.11	284	261709	48.356	nq #	86
68) Atrazine	11.20	200	229814	48.074	nq	96
69) Pentachlorophenol	11.31	266	236552	70.992	nq	99
70) Phenanthrene	11.52	178	1041641	46.082	nq	98
71) Anthracene	11.58	178	1095808	48.390	nq	97
72) Carbazole	11.74	167	978183	46.789	nq	98
73) Di-n-butylphthalate	12.05	149	1104212	47.456	nq	99
74) Fluoranthene	12.72	202	1165764	48.359	nq	97
76) Benzidine	12.84	184	304065	23.802	nq	98
77) Pyrene	12.95	202	1187881	49.431	nq	97
79) Butylbenzylphthalate	13.56	149	486329	54.064	nq #	96
80) Benzo(a)anthracene	14.15	228	1079876	47.275	nq	97
81) 3,3'-Dichlorobenzidine	14.11	252	178752	23.193	nq #	96
82) Chrysene	14.19	228	992277	47.579	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	610652	47.345	nq	99
84) Di-n-octyl phthalate	14.77	149	853871	45.921	nq	98
85) Indeno(1,2,3-cd)pyrene	17.29	276	940644	56.515	nq #	93
87) Benzo(b)fluoranthene	15.26	252	875165	47.928	nq	97
88) Benzo(k)fluoranthene	15.29	252	761540	42.111	nq #	96
89) Benzo(a)pyrene	15.65	252	803969	48.951	nq #	97
90) Dibenzo(a,h)anthracene	17.31	278	767014	56.016	nq	95
91) Benzo(g,h,i)perylene	17.77	276	813421	61.128	nq #	92

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



#1

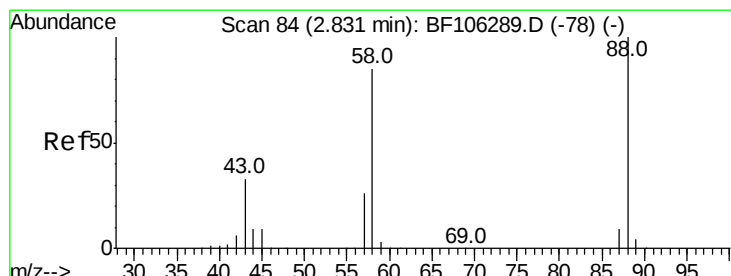
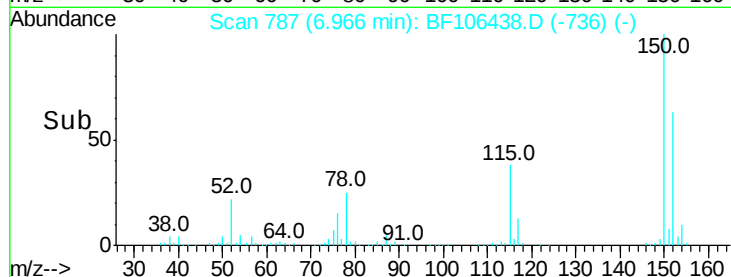
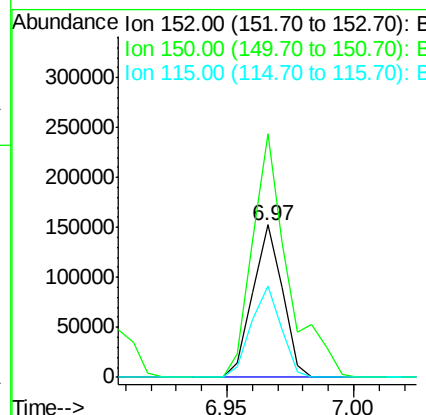
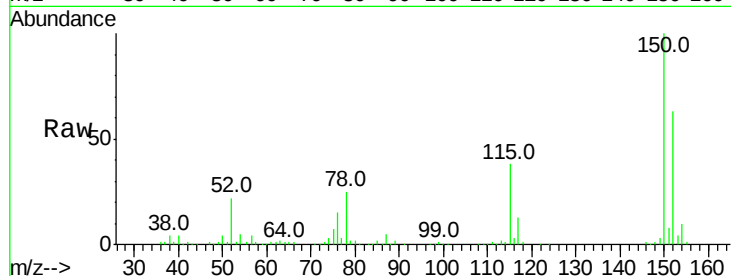
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	60.0	50.1	75.1

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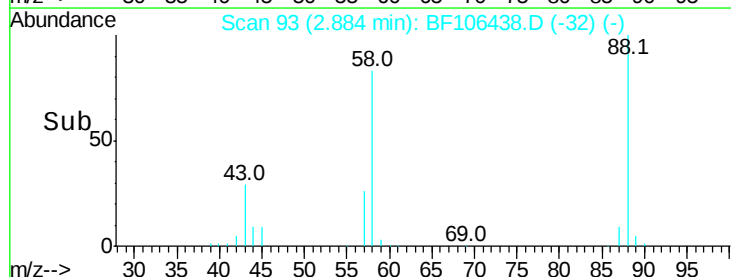
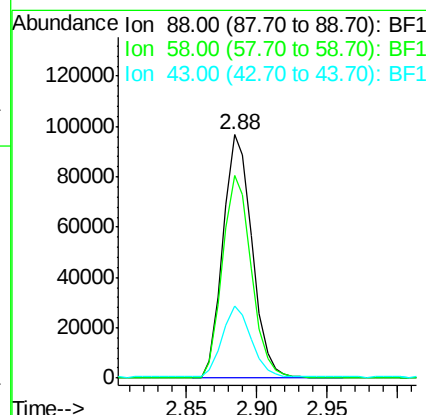
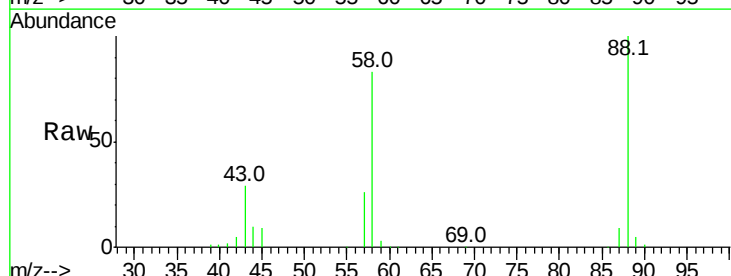
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6/15/2018 11:16:44 AM

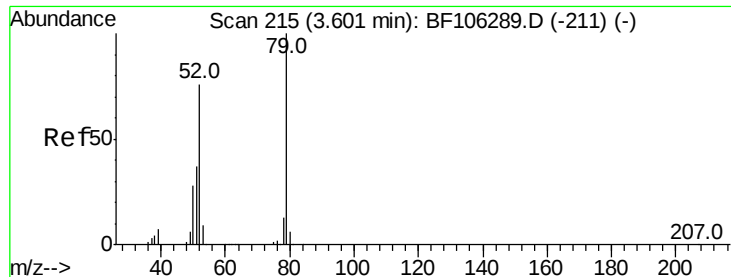


#2

1,4-Dioxane
Concen: 36.141 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	62.6	93.8
43	29.2	24.6	37.0





#3

Pvridine

Concen: 39.262 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.05 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

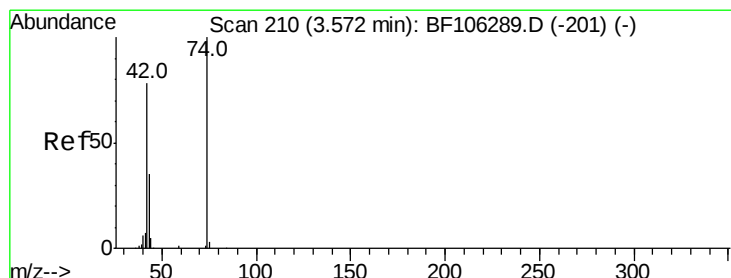
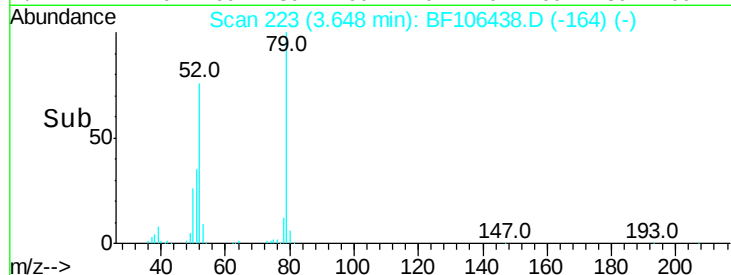
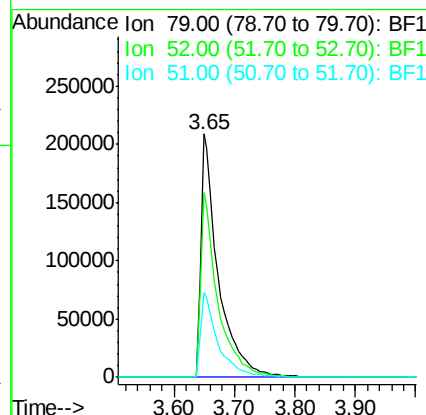
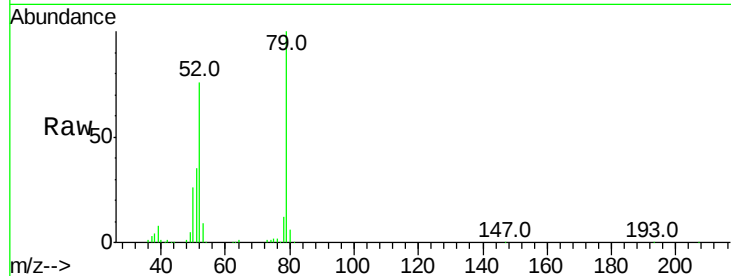
ClientSampleId :

PB110197BSD

Tot Ion:	79	Resp:	419824
Ion Ratio	Lower	Upper	
79	100		
52	76.1	59.8	89.6
51	35.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 38.017 ng

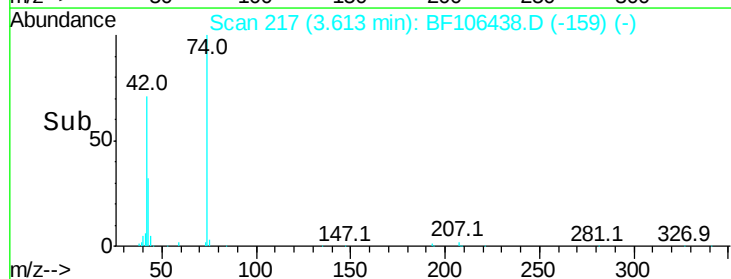
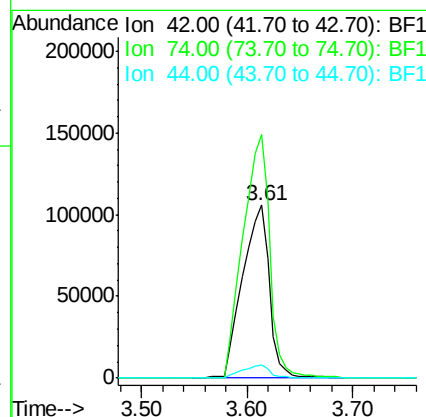
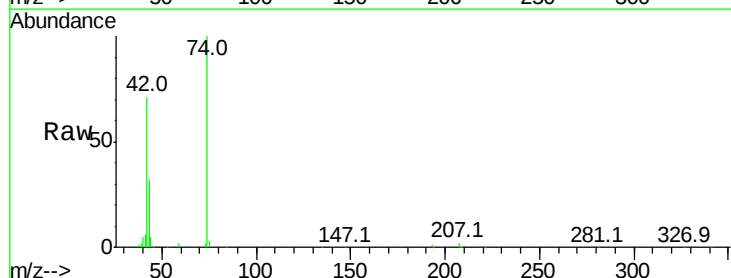
RT: 3.61 min Scan# 217

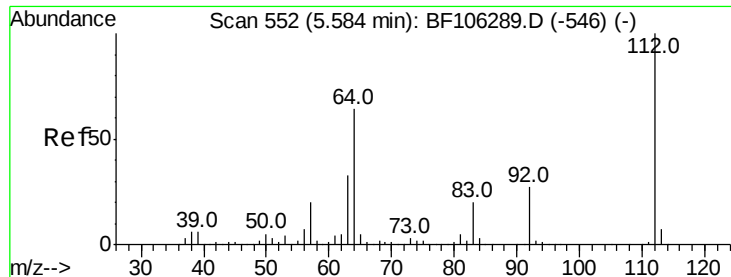
Delta R.T. 0.04 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion:	42	Resp:	186228
Ion Ratio	Lower	Upper	
42	100		
74	140.8	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 127.131 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

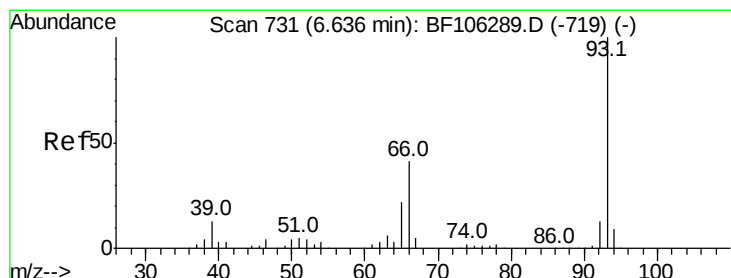
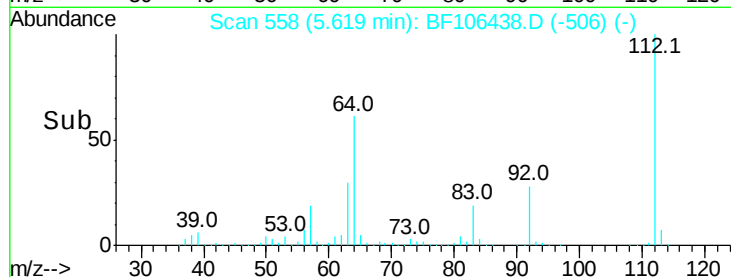
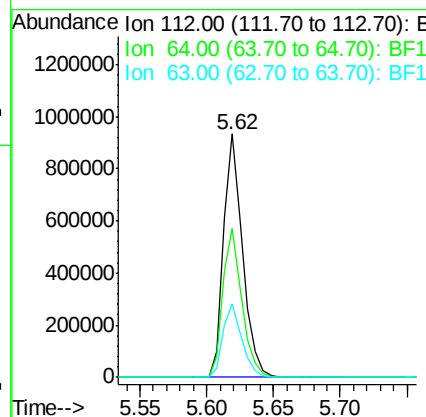
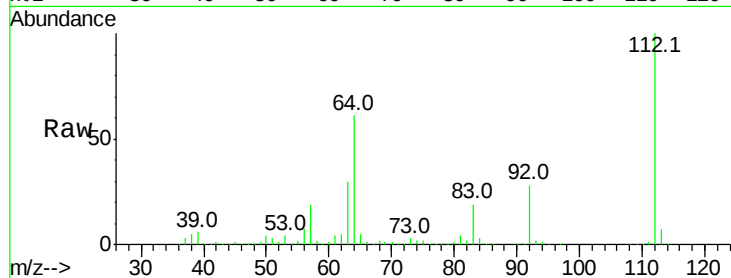
ClientSampleId :

PB110197BSD

Tot Ion:	112	Resp:	942570
Ion Ratio	Lower	Upper	
112	100		
64	60.9	47.9	71.9
63	30.3	23.7	35.5

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#6

Aniline

Concen: 18.723 ng

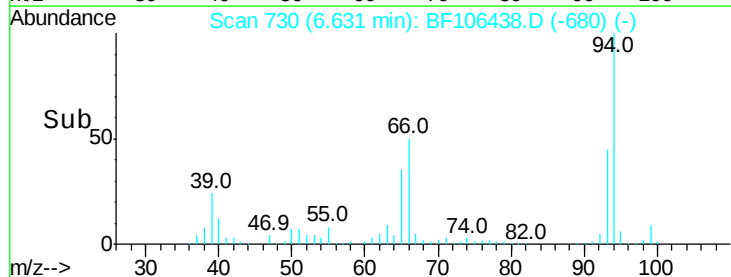
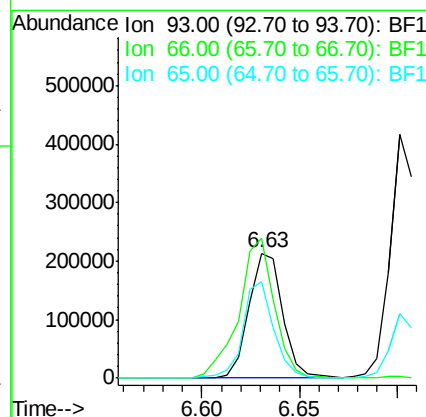
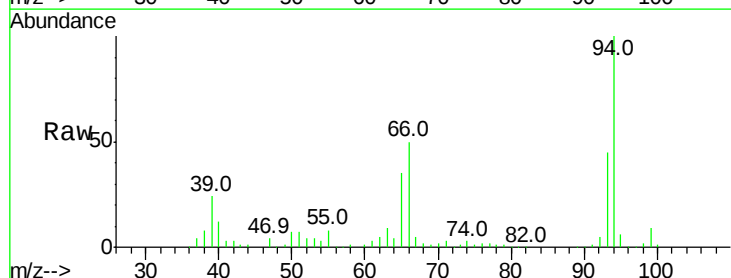
RT: 6.63 min Scan# 730

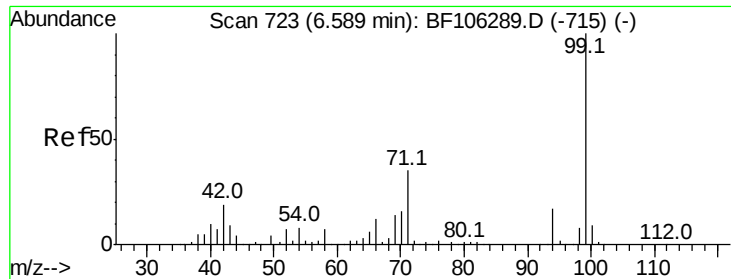
Delta R.T. -0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion:	93	Resp:	256100
Ion Ratio	Lower	Upper	
93	100		
66	111.9	32.2	48.2#
65	77.1	16.4	24.6#





#7

Phenol-d6

Concen: 119.228 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

ClientSampleId :

PB110197BSD

Tot Ion: 99 Resp: 1116823

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

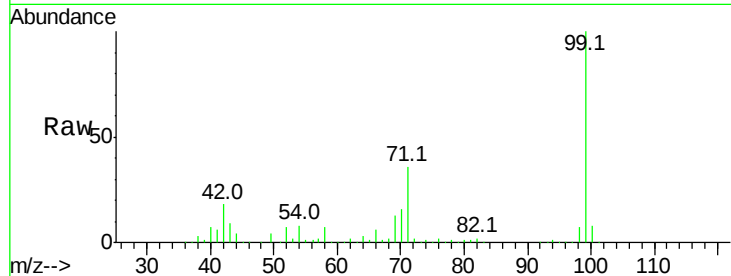
71 36.4 25.4 38.0

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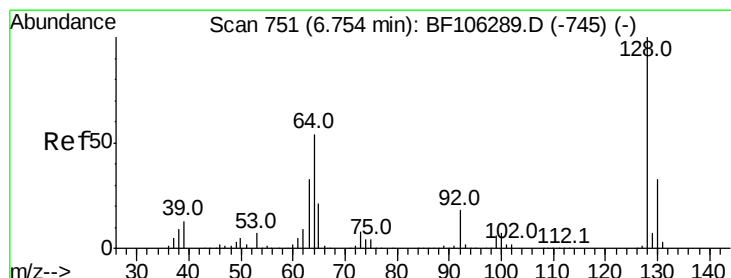
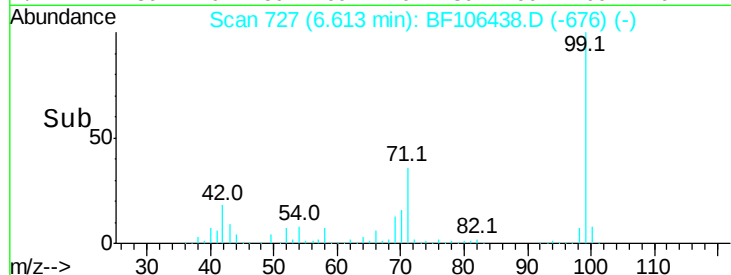
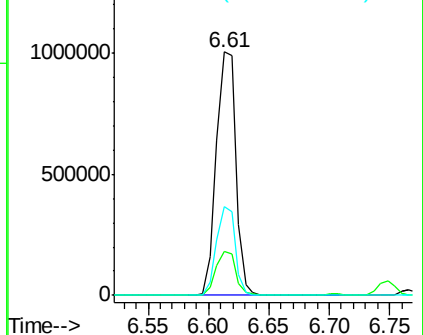
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.481 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

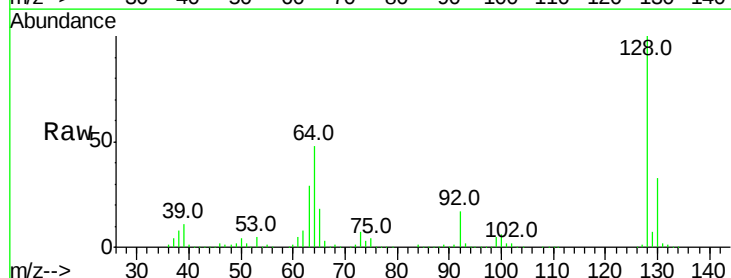
Tgt Ion:128 Resp: 354647

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

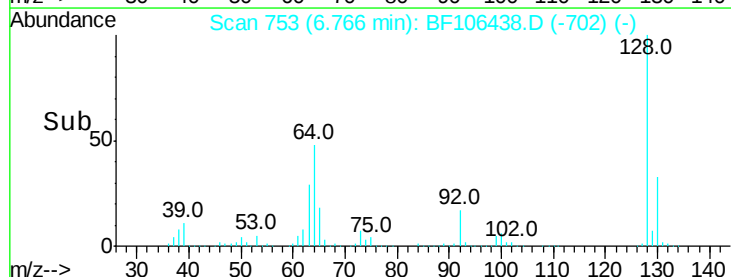
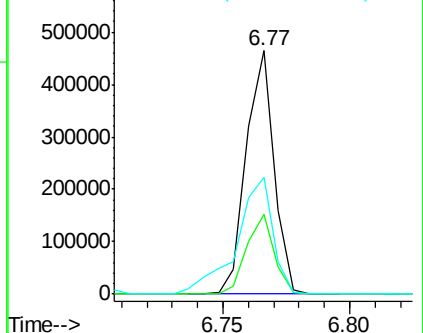
64 47.9 29.4 69.4

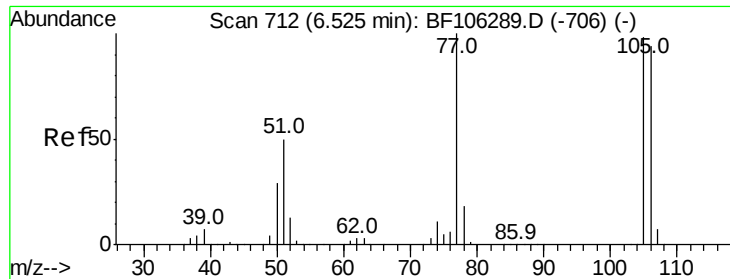


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.677 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

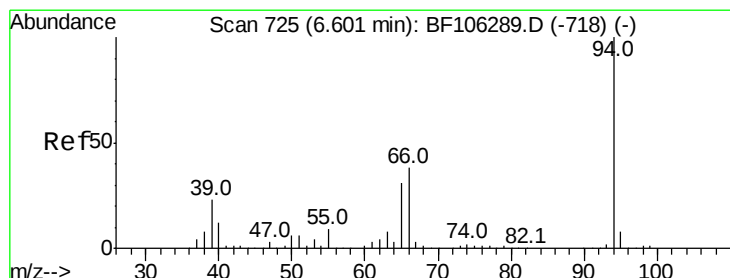
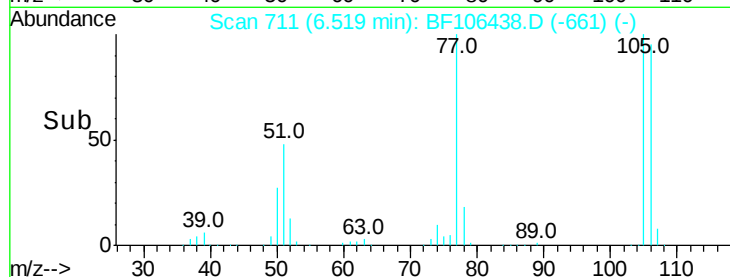
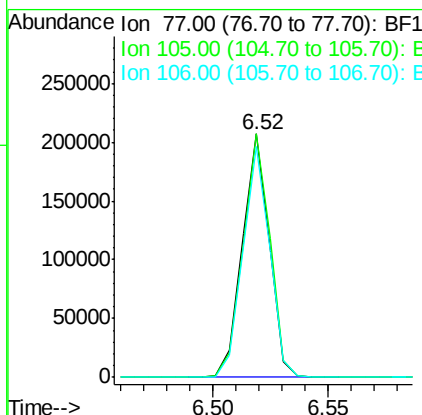
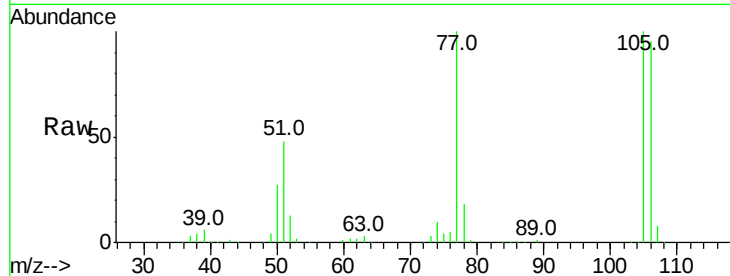
ClientSampleId :

PB110197BSD

Tot Ion:	77	Resp:	168228
Ion	Ratio	Lower	Upper
77	100		
105	99.8	81.1	121.1
106	94.7	74.5	114.5

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#10

Phenol

Concen: 43.518 ng

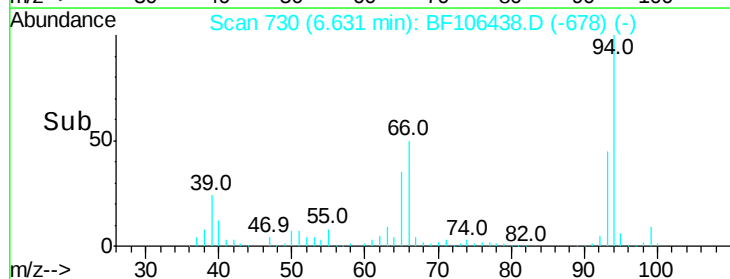
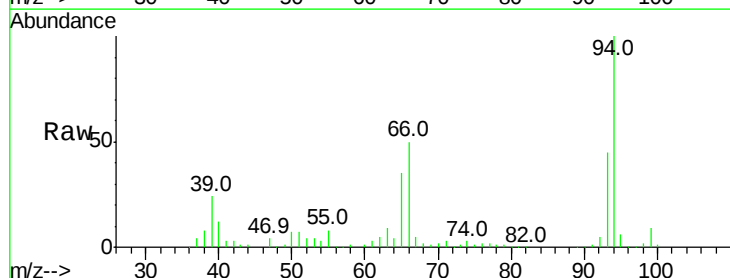
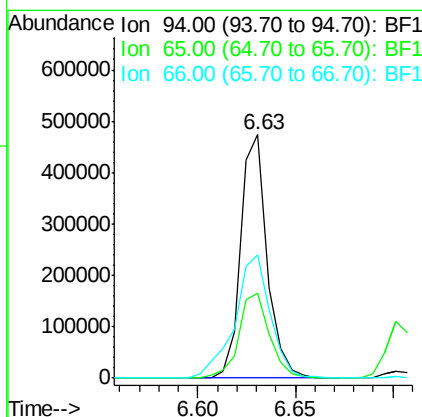
RT: 6.63 min Scan# 730

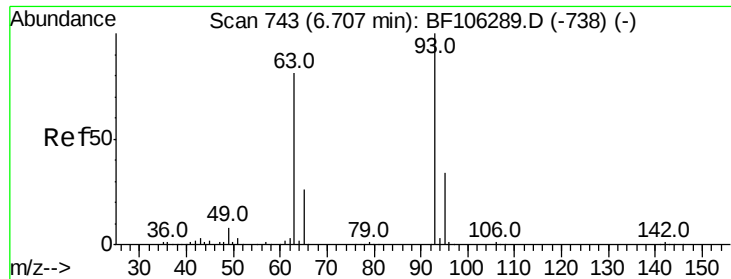
Delta R.T. 0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion:	94	Resp:	445013
Ion	Ratio	Lower	Upper
94	100		
65	34.8	7.9	47.9
66	50.5	16.2	56.2





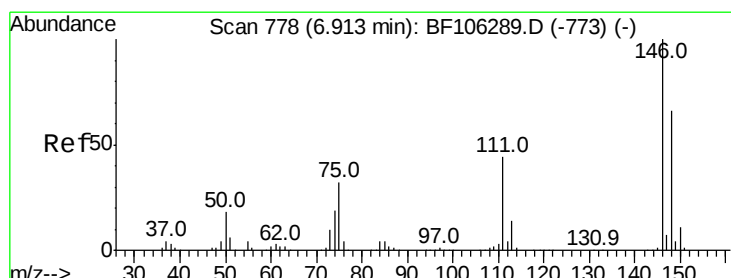
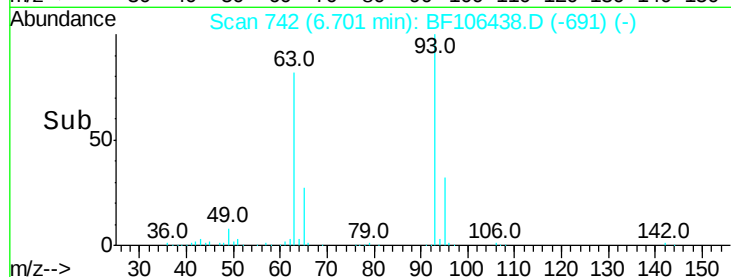
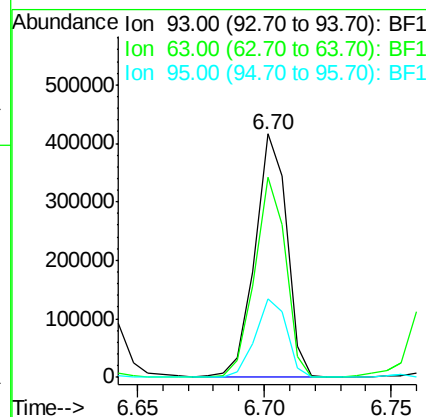
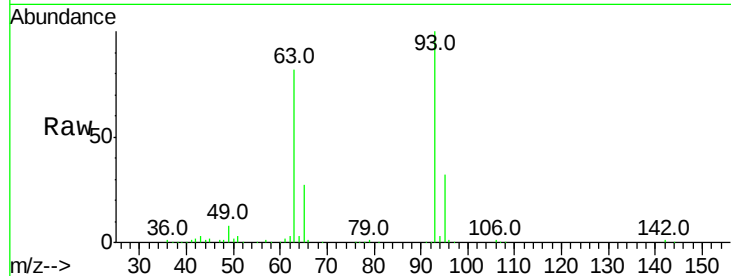
#11
bis(2-Chloroethyl)ether
Concen: 41.743 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	93	Resp	365419
Ion Ratio	100	Lower	Upper
93	100		
63	82.0	58.6	98.6
95	32.3	11.8	51.8

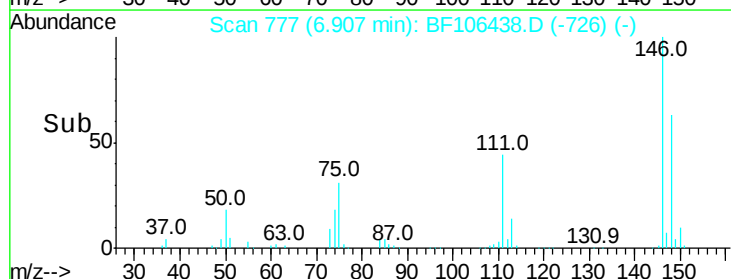
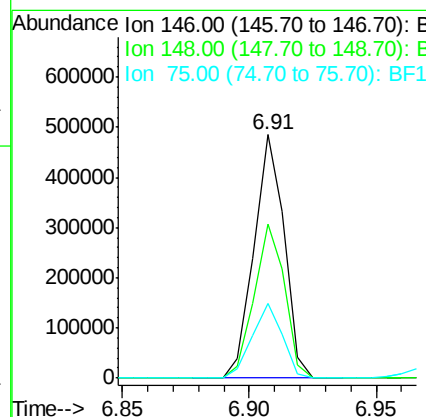
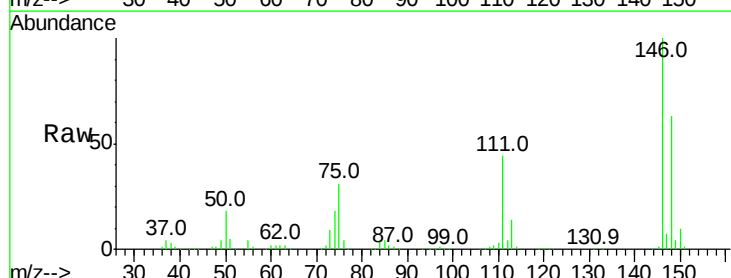
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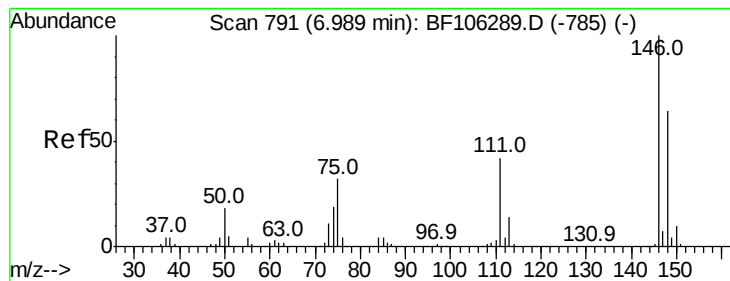
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#12
1,3-Dichlorobenzene
Concen: 42.773 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	146	Resp	401373
Ion Ratio	100	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	30.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 42.704 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

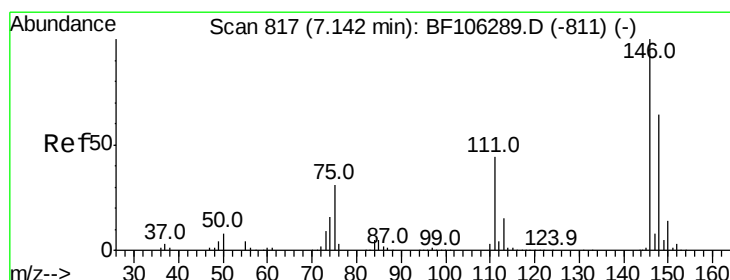
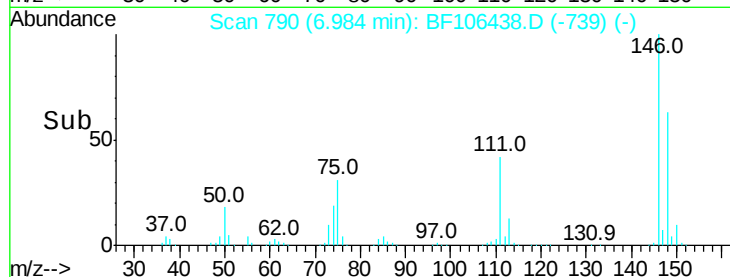
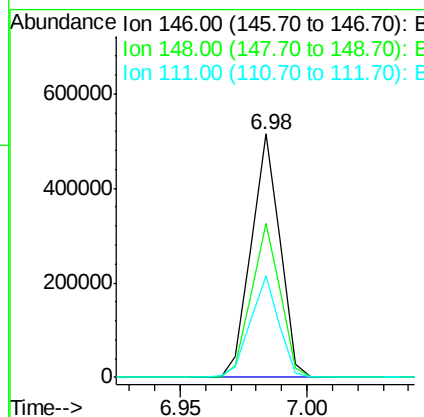
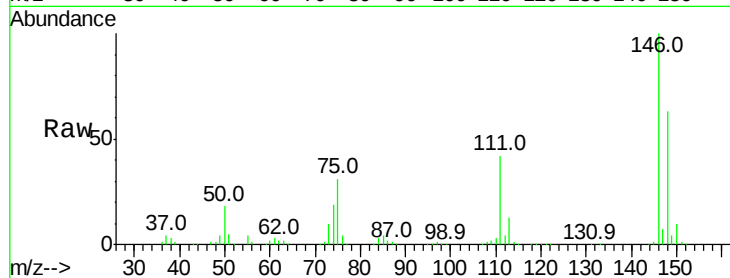
ClientSampleId :

PB110197BSD

Tot Ion:	146	Resp:	406652
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.8	76.2
111	41.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 42.279 ng

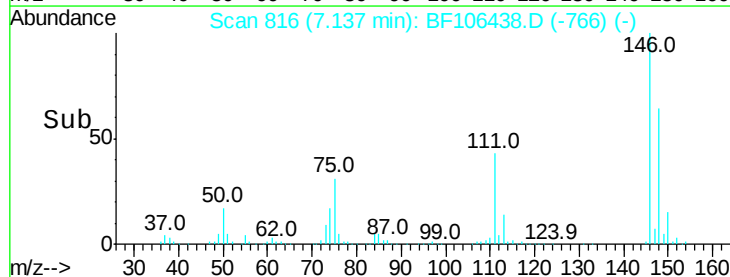
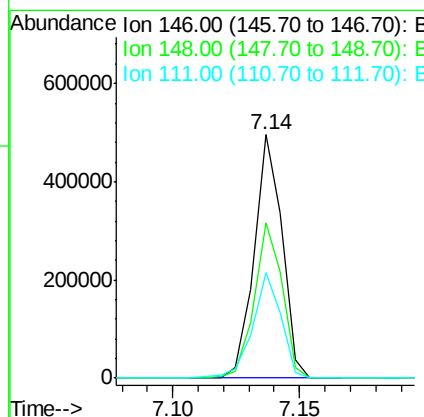
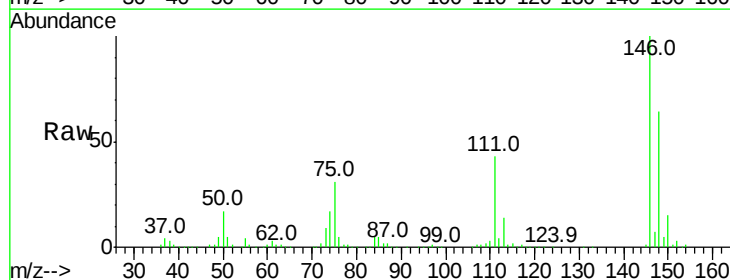
RT: 7.14 min Scan# 816

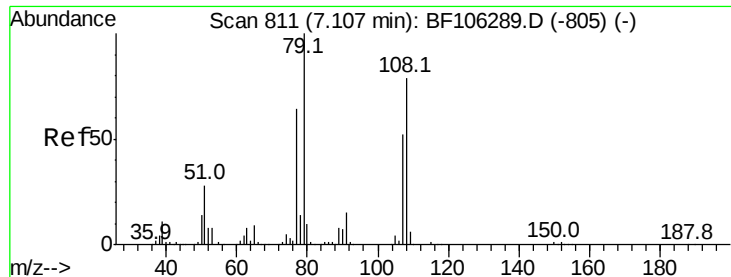
Delta R.T. -0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion:	146	Resp:	379007
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
111	43.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.177 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

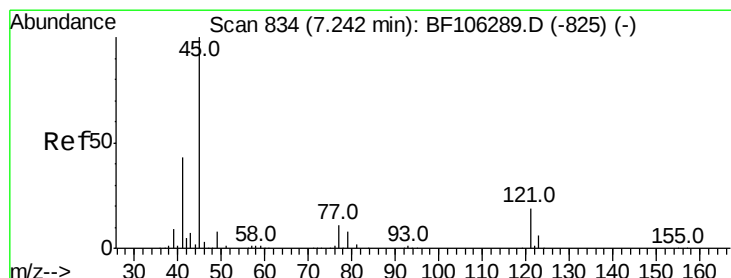
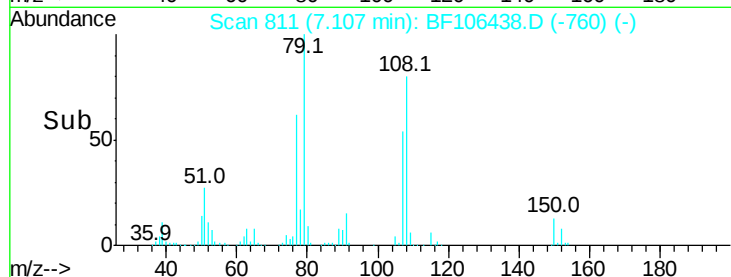
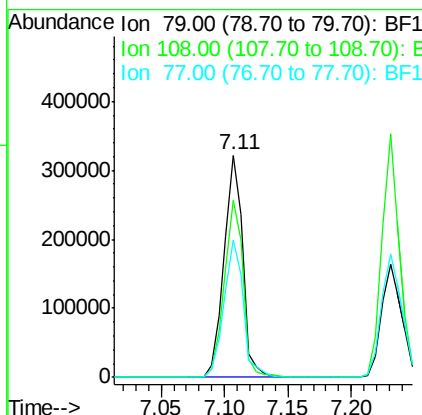
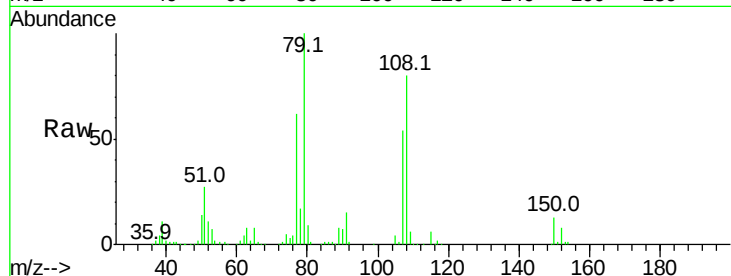
ClientSampleId :

PB110197BSD

Tot Ion:	79	Resp:	330317
Ion Ratio	Lower	Upper	
79	100		
108	79.5	65.1	97.7
77	61.7	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.383 ng

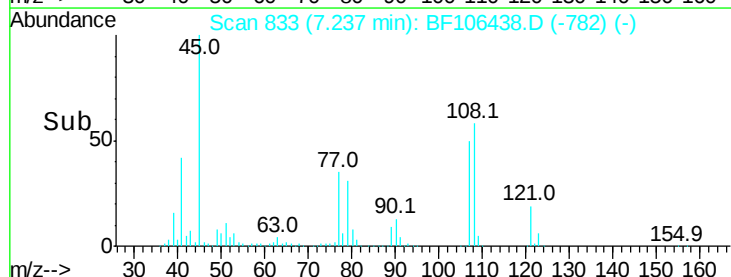
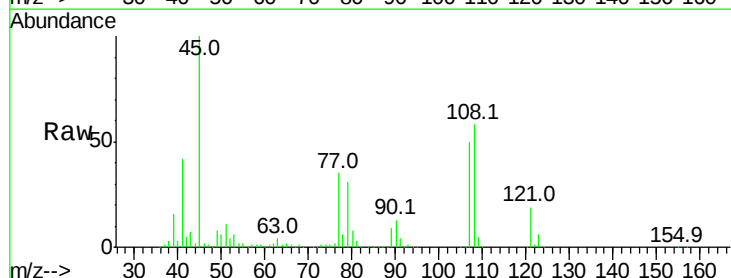
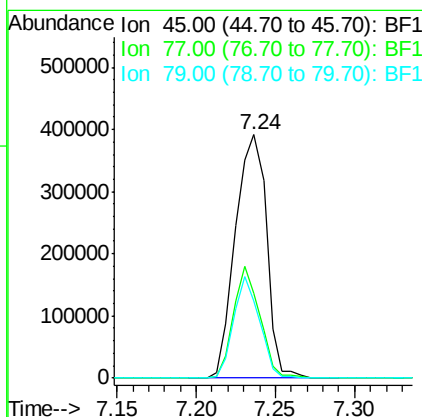
RT: 7.24 min Scan# 833

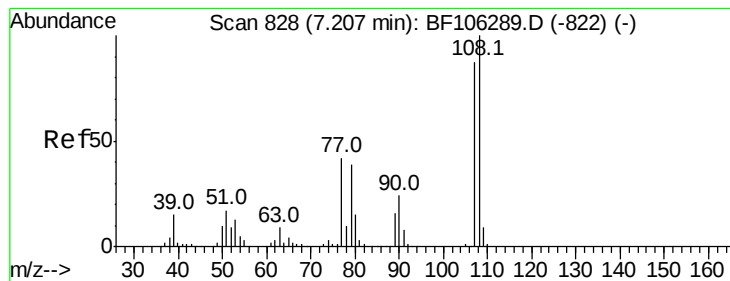
Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion:	45	Resp:	531850
Ion Ratio	Lower	Upper	
45	100		
77	34.7	0.0	32.9#
79	31.5	0.0	29.6#





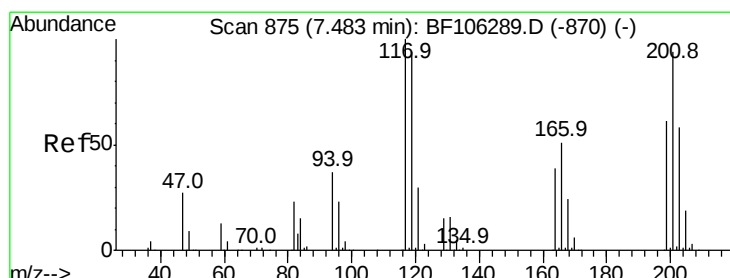
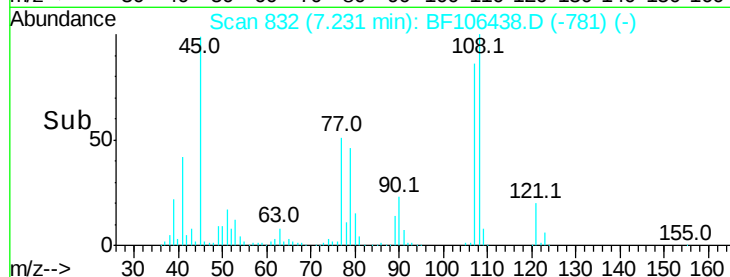
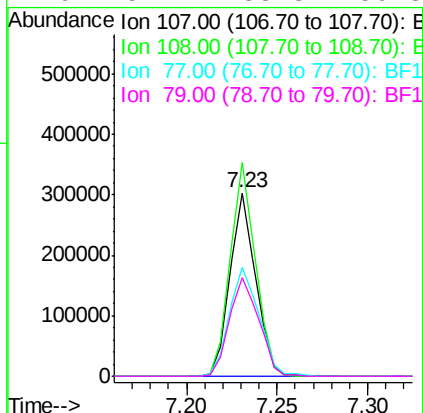
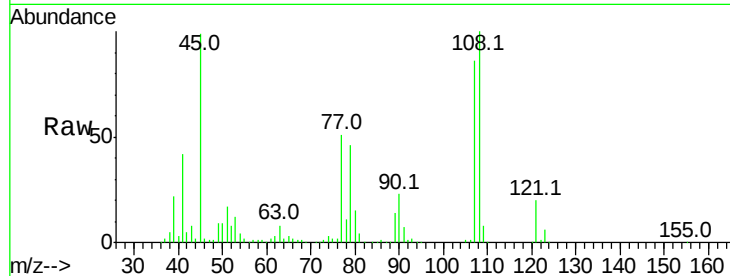
#17
2-Methylphenol
Concen: 42.013 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.4	91.7	137.5	
77	59.3	33.8	50.8#	
79	54.1	33.8	50.8#	

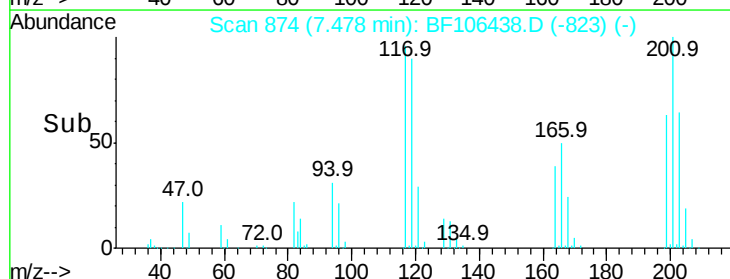
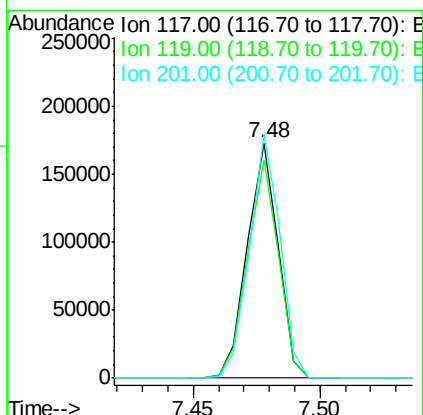
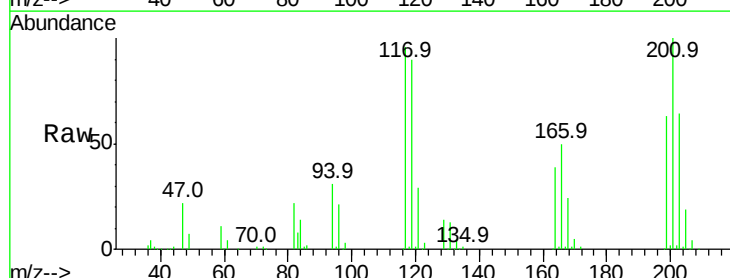
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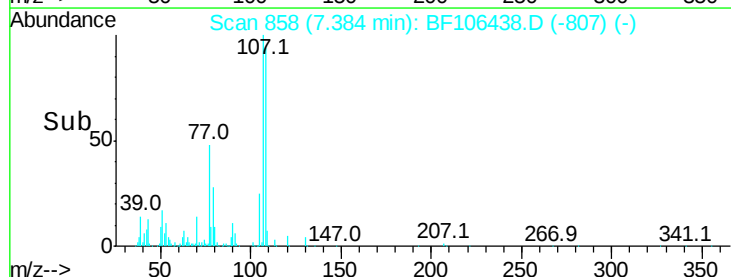
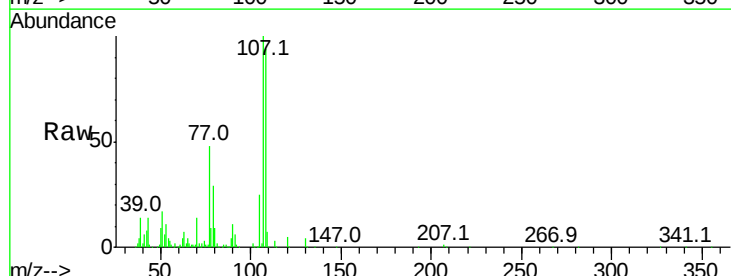
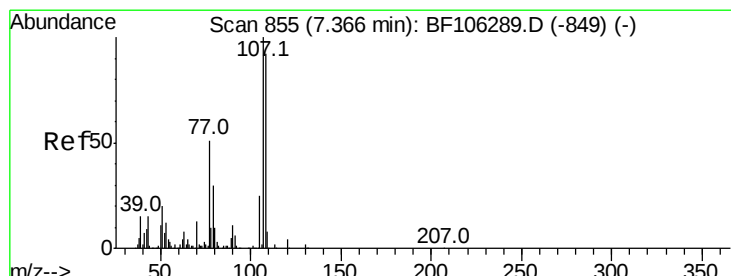
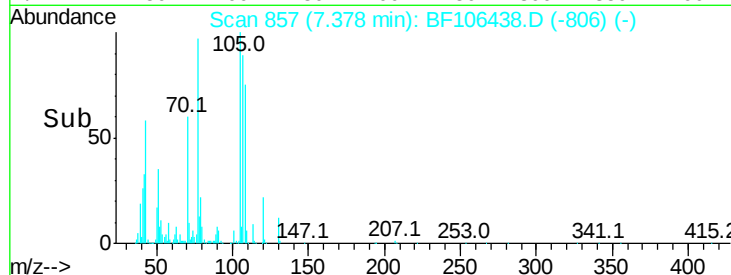
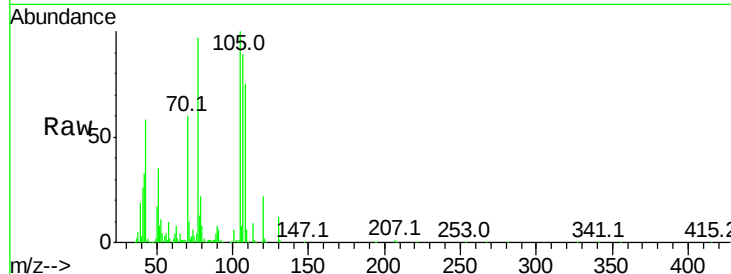
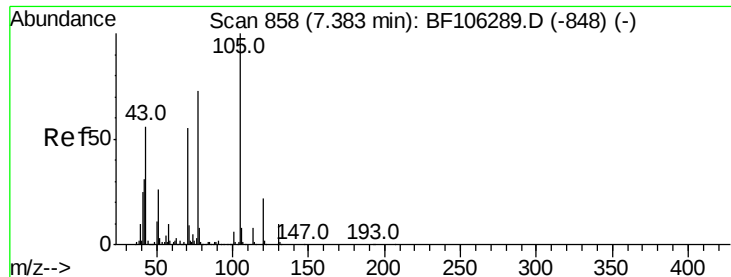
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#18
Hexachloroethane
Concen: 43.002 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.9	75.8	113.8	
201	103.7	75.7	113.5	





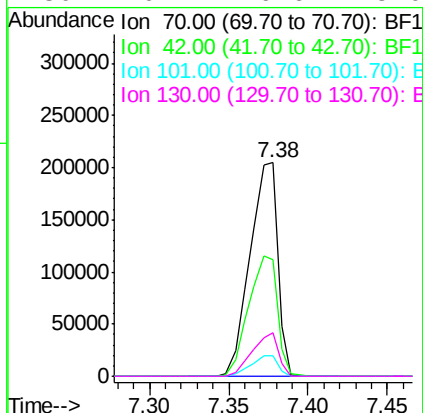
#19
n-Nitroso-di-n-propylamine
Concen: 35.663 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	54.6	47.5	71.3	
101	9.8	7.4	11.2	
130	20.7	16.6	25.0	

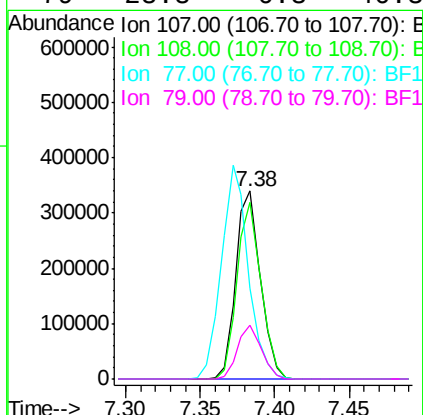
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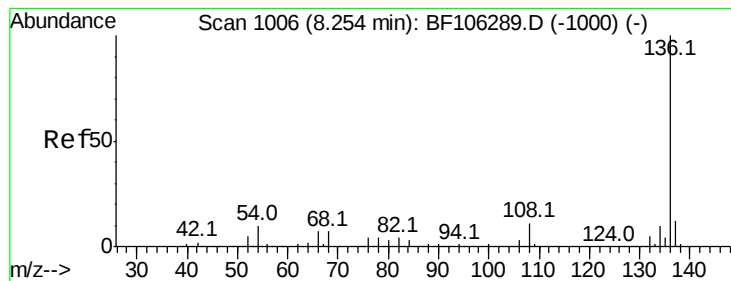
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#20
3+4-Methylphenols
Concen: 43.235 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	94.2	68.2	108.2	
77	48.3	26.7	66.7	
79	28.8	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: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

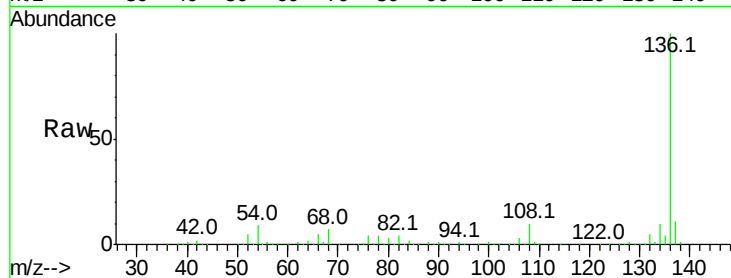
ClientSampleId :

PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	473031		
137	11.0		8.9	13.3
54	8.8		6.6	9.8
68	6.9		5.0	7.4

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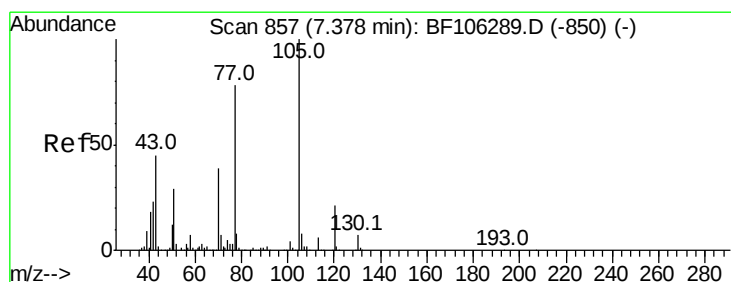
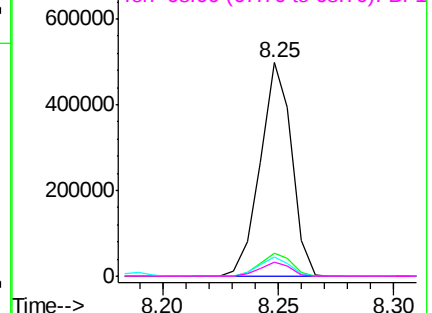
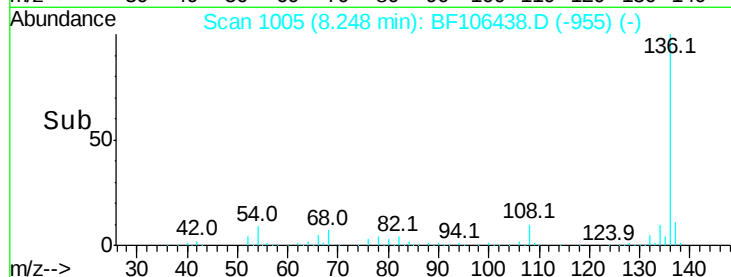


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.702 ng

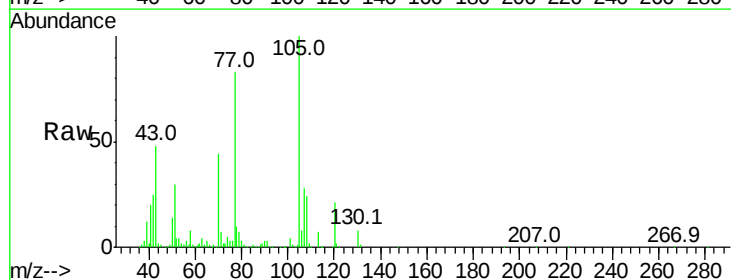
RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	497119		
71	7.3		4.4	6.6#
51	30.0		22.3	33.5
120	21.3		16.9	25.3

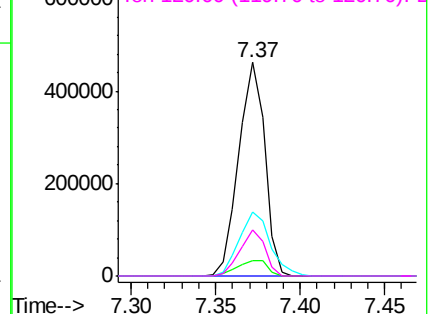
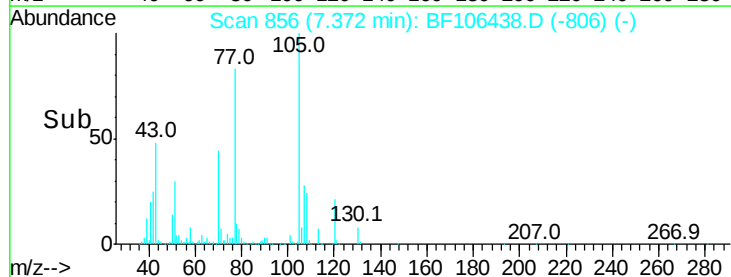


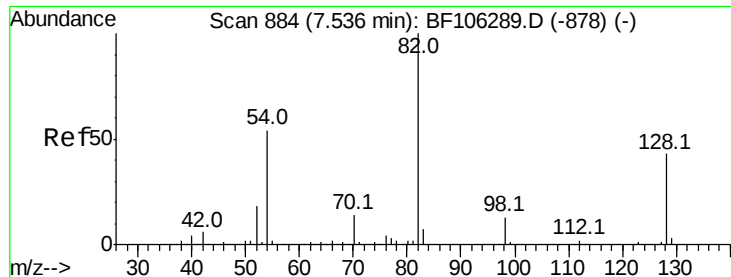
Abundance Ion 105.00 (104.70 to 105.70): E

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





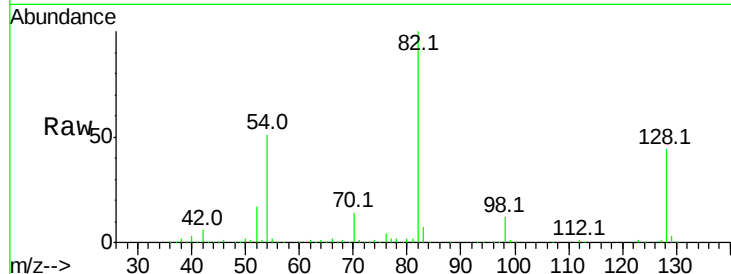
#23
Nitrobenzene-d5
Concen: 100.024 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

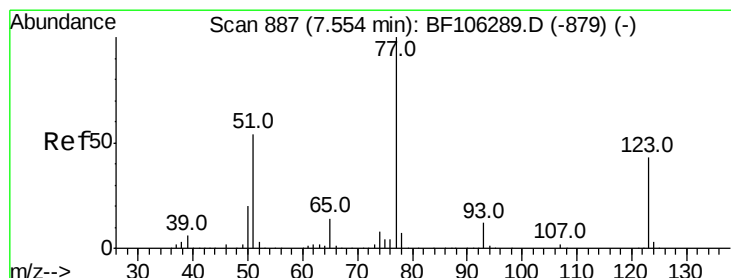
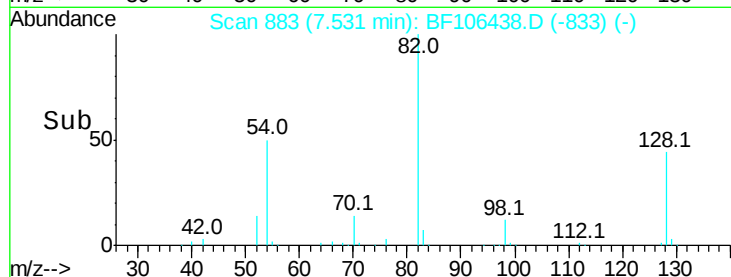
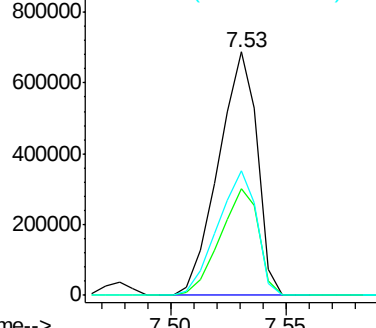
Tot Ion	Ratio	Resp	Lower	Upper
82	100	804281		
128	43.9	36.1	54.1	
54	51.4	41.4	62.2	

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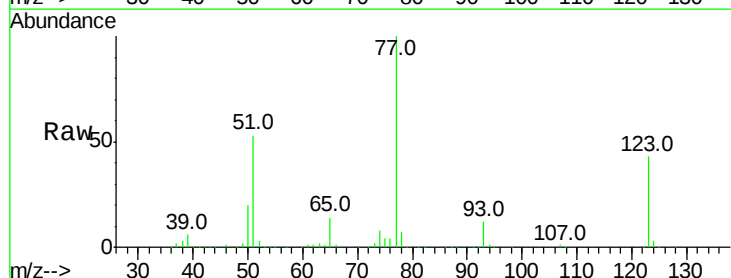


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

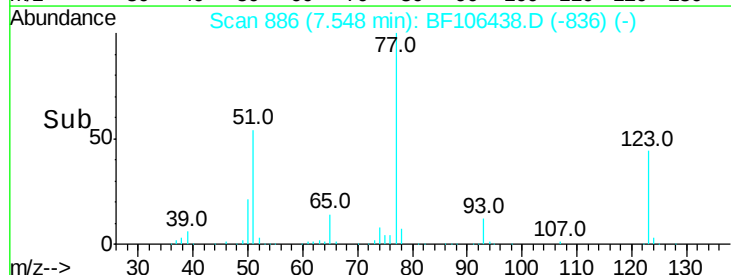
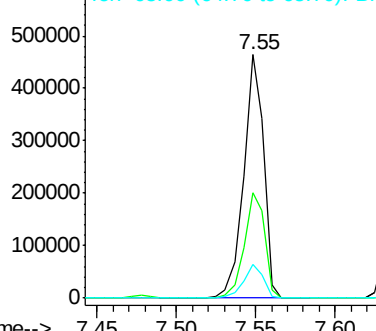


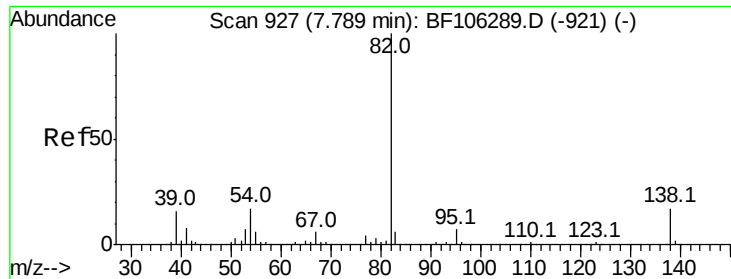
#24
Nitrobenzene
Concen: 46.637 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	407590		
123	43.3	37.9	56.9	
65	13.7	11.0	16.4	



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





#25

Isophorone

Concen: 46.261 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

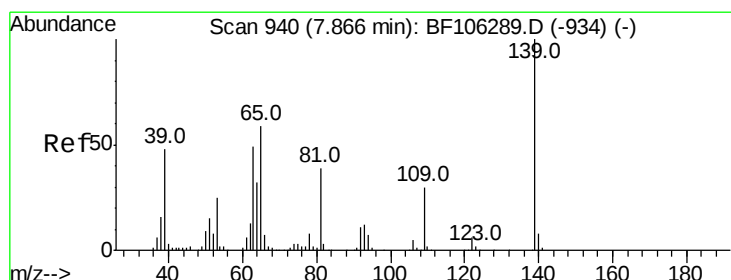
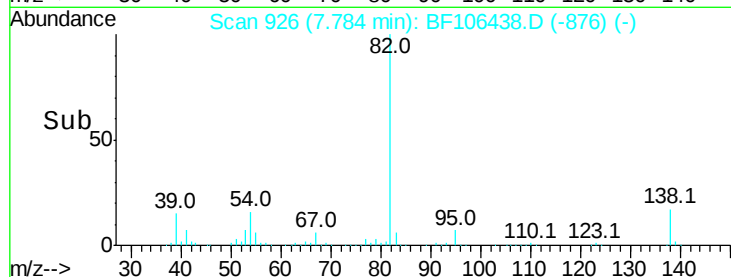
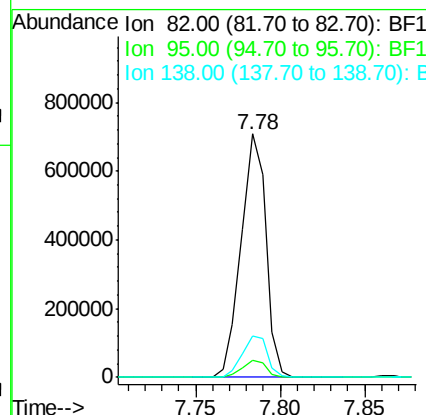
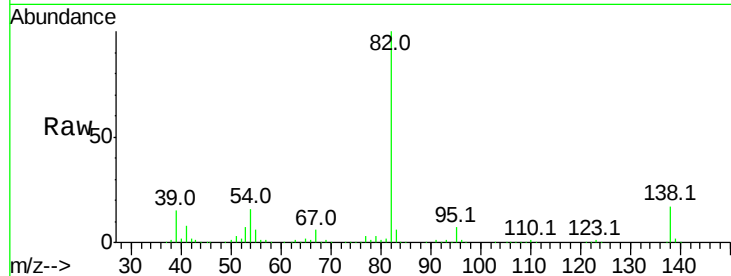
ClientSampleId :

PB110197BSD

Tot Ion:	82	Resp:	726565
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 59.615 ng

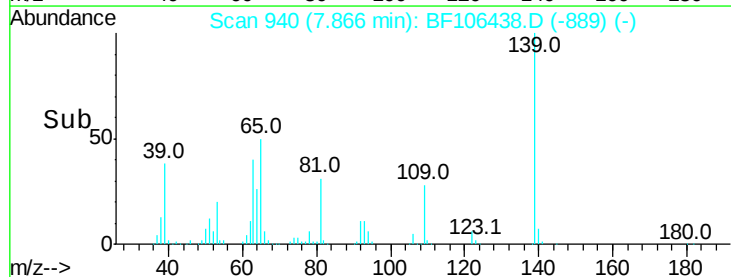
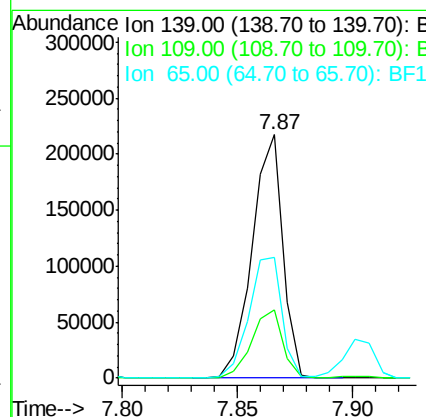
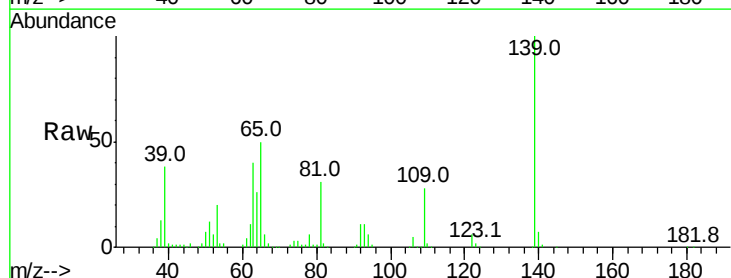
RT: 7.87 min Scan# 940

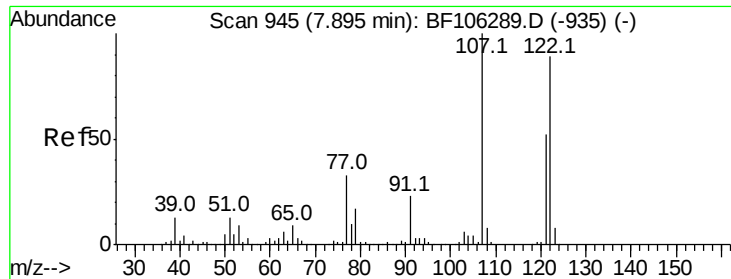
Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion:	139	Resp:	202229
Ion Ratio	Lower	Upper	
139	100		
109	28.1	22.7	34.1
65	49.8	40.5	60.7





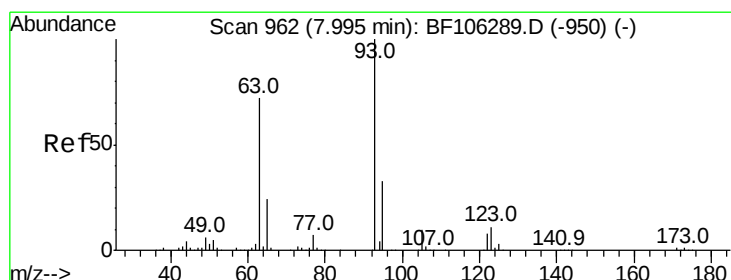
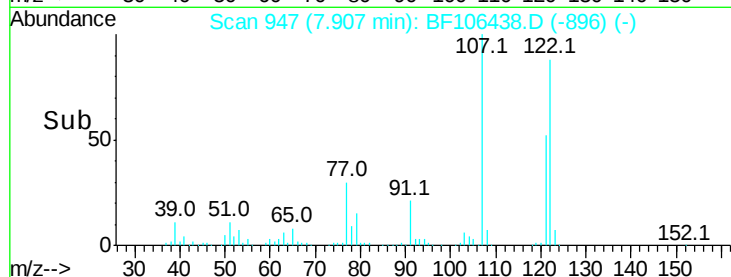
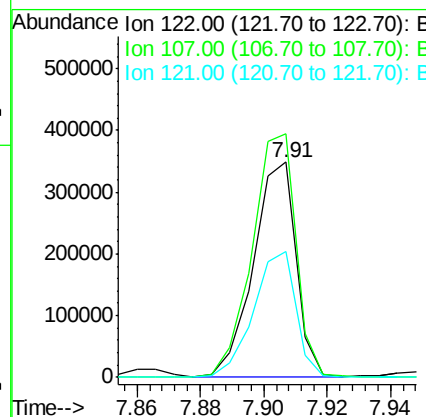
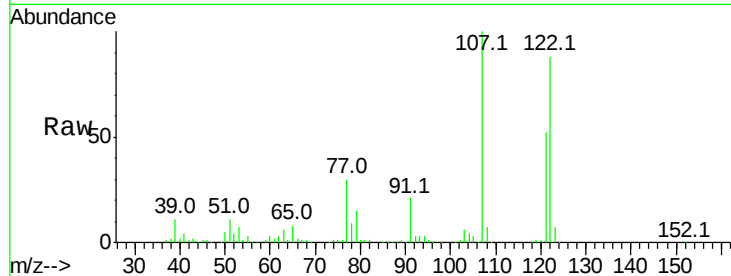
#27
2,4-Dimethylphenol
Concen: 49.256 ng
RT: 7.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	91.2	136.8
121	58.2	47.2	70.8

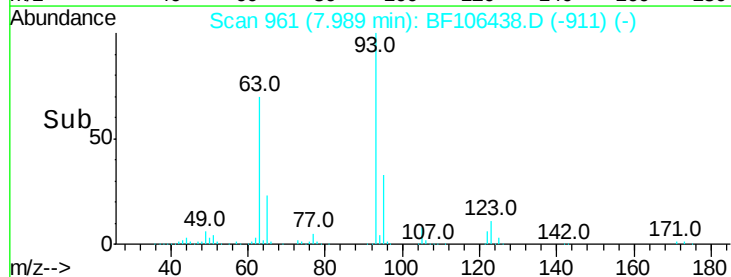
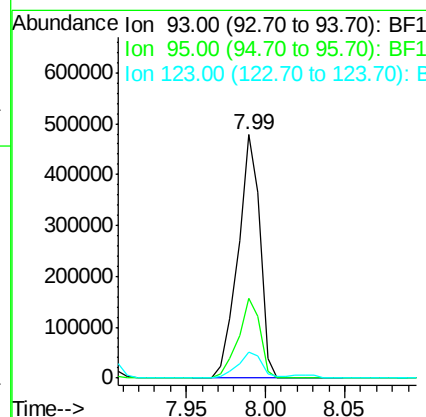
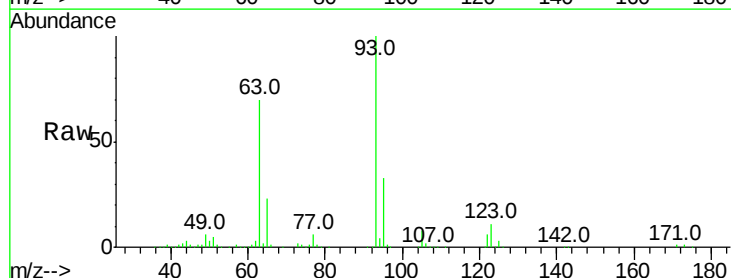
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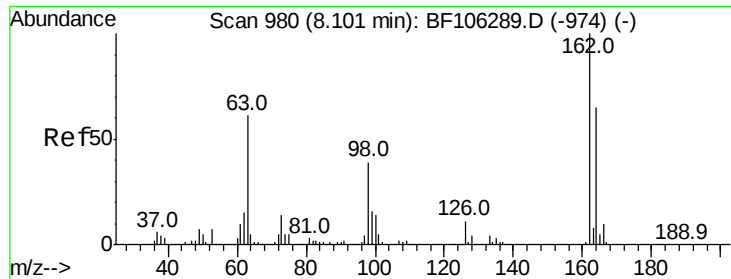
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#28
bis(2-Chloroethoxy)methane
Concen: 44.960 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	10.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 50.021 ng

RT: 8.12 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

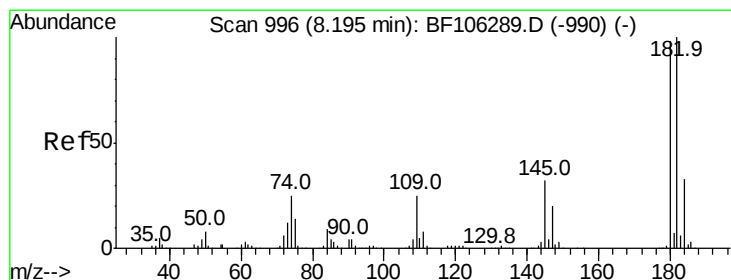
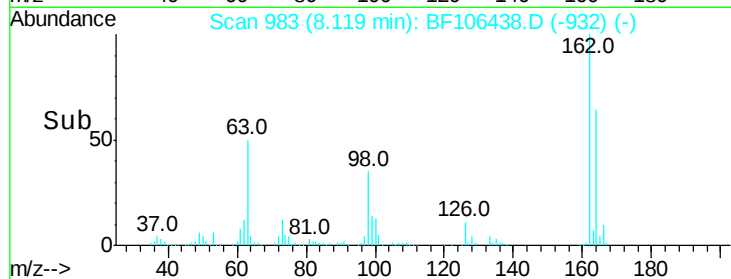
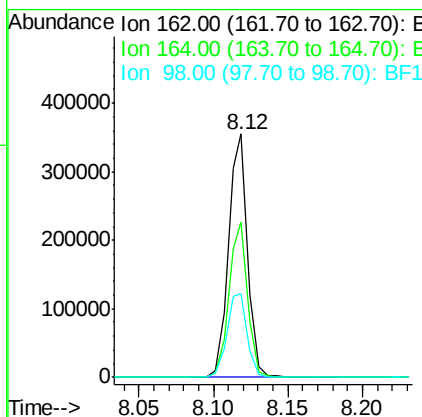
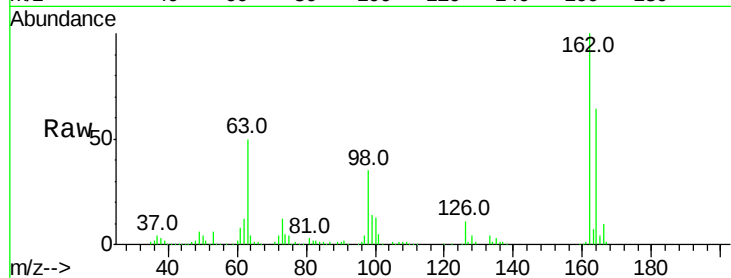
ClientSampleId :

PB110197BSD

Tot Ion:	162	Resp:	320859
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.7	82.7
98	34.6	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 45.638 ng

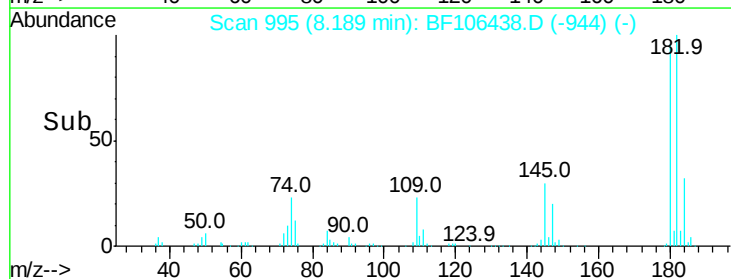
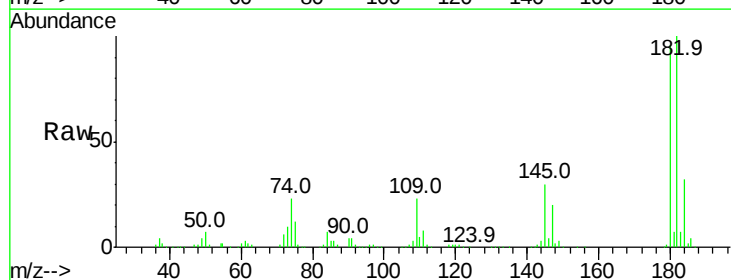
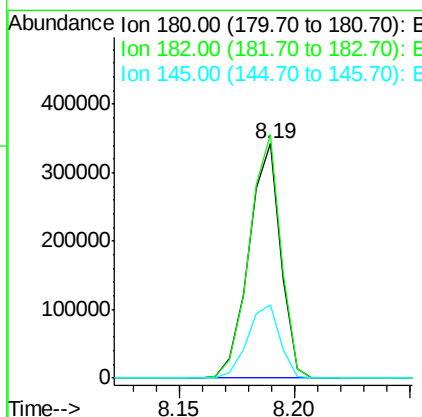
RT: 8.19 min Scan# 995

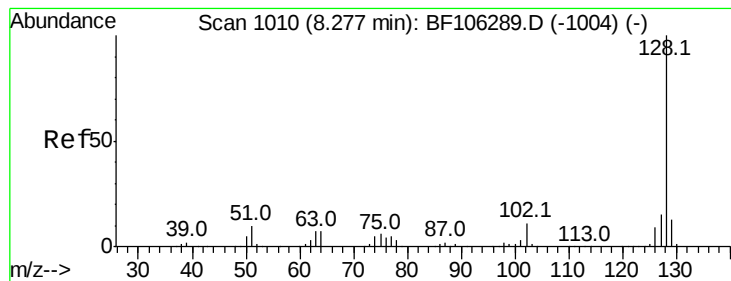
Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion:	180	Resp:	328236
Ion Ratio	Lower	Upper	
180	100		
182	104.0	76.8	115.2
145	31.6	26.5	39.7





#31

Naphthalene

Concen: 46.655 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

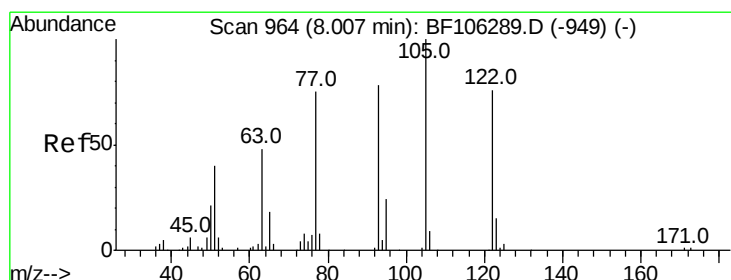
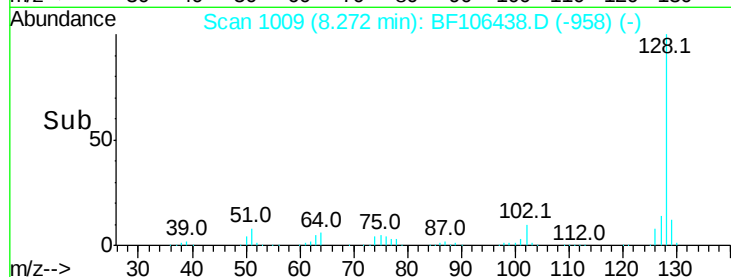
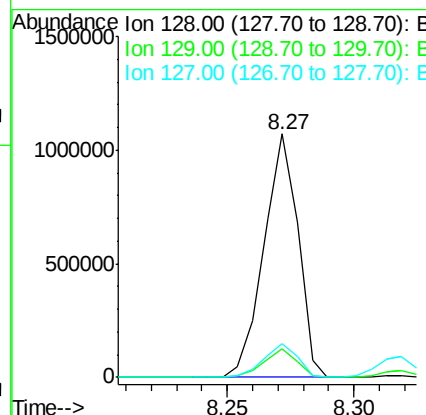
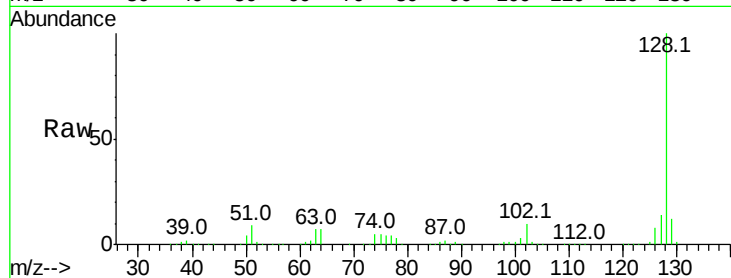
ClientSampleId :

PB110197BSD

Tot Ion:	128	Resp:	997654
Ion Ratio	Lower	Upper	
128	100		
129	11.9	8.8	13.2
127	14.0	10.9	16.3

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#32

Benzoic acid

Concen: 42.967 ng m

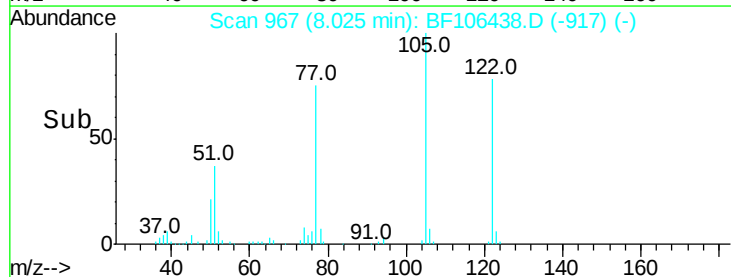
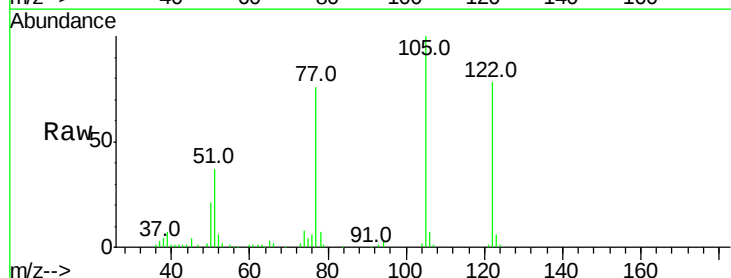
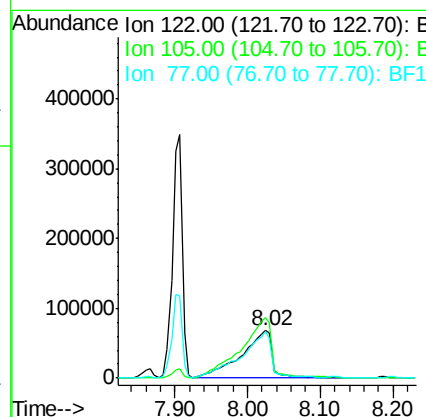
RT: 8.02 min Scan# 967

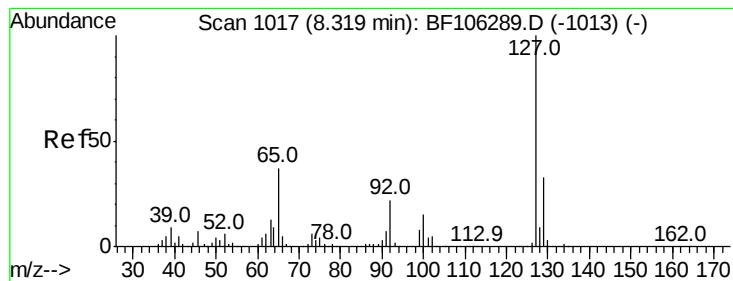
Delta R.T. -0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion:	122	Resp:	206289
Ion Ratio	Lower	Upper	
122	100		
105	128.3	101.1	141.1
77	97.7	70.7	110.7





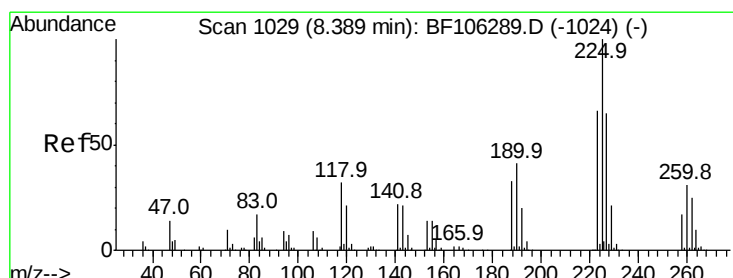
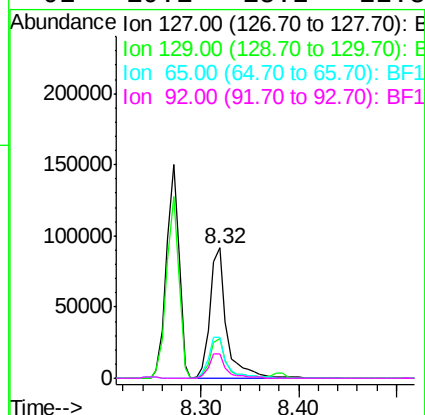
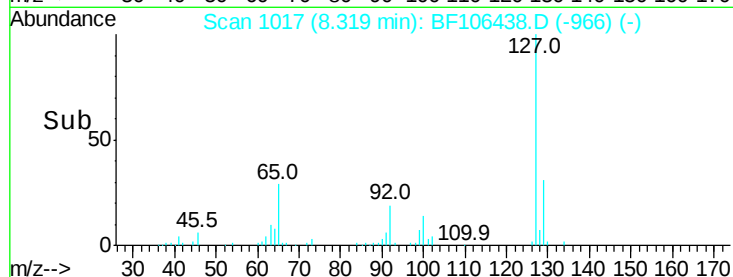
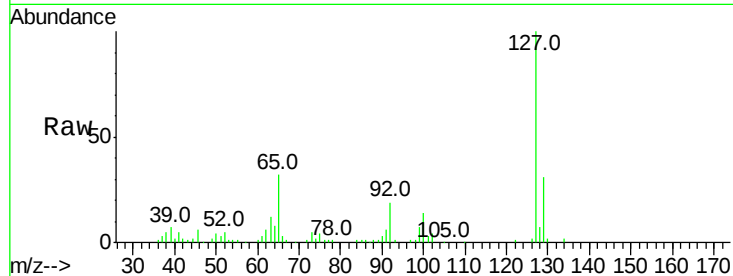
#33
4-Chloroaniline
Concen: 11.472 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.7	25.9	38.9	
65	31.6	25.0	37.4	
92	19.1	15.2	22.8	

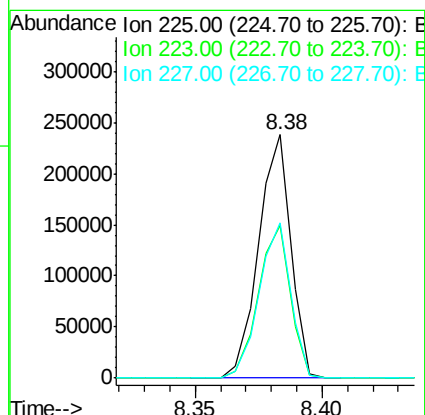
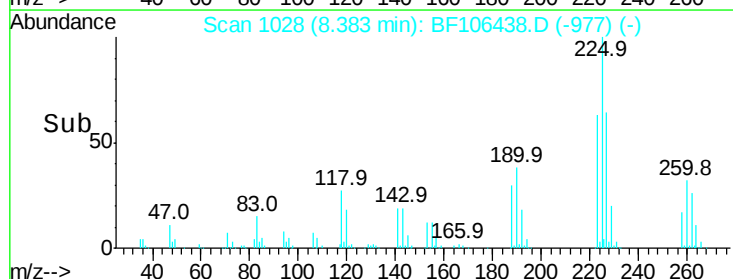
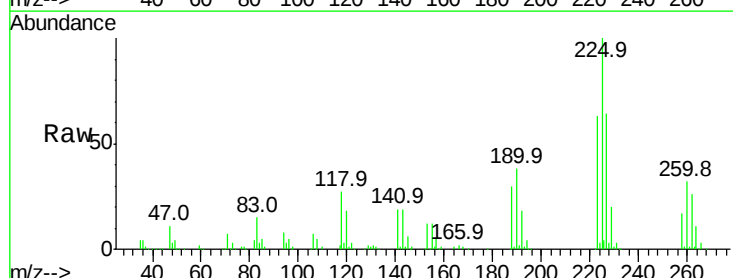
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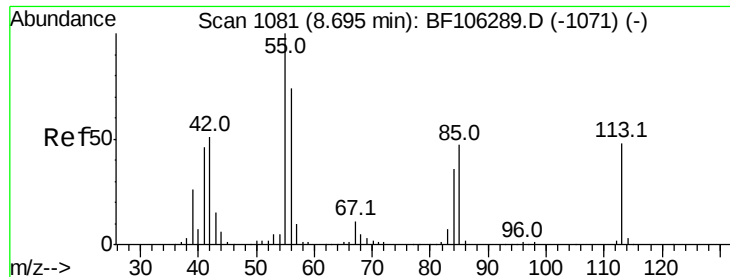
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#34
Hexachlorobutadiene
Concen: 45.853 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.6	76.0	
227	63.8	51.9	77.9	





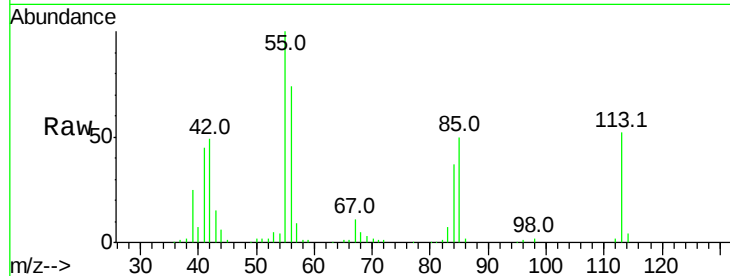
#35
 Caprolactam
 Concen: 50.549 ng/ml
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Instrument :
 BNA_F
 ClientSampleID :
 PB110197BSD

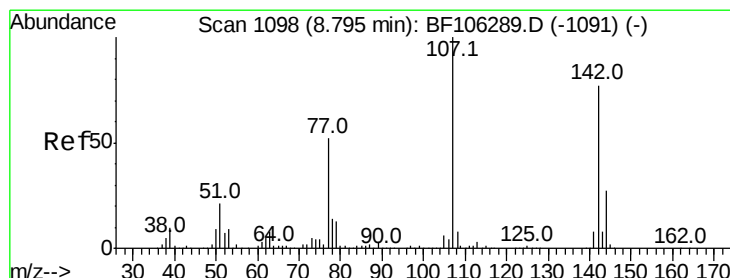
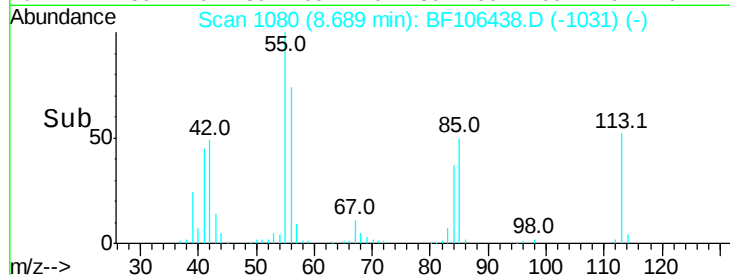
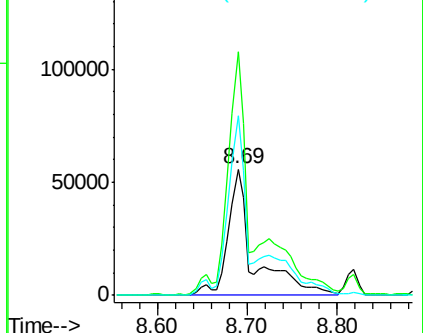
Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	193.4	163.3	203.3	
56	142.3	115.7	155.7	

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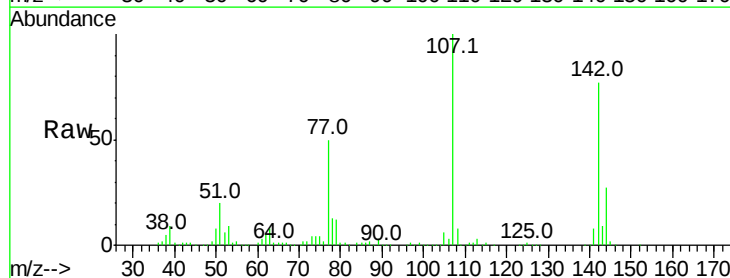


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

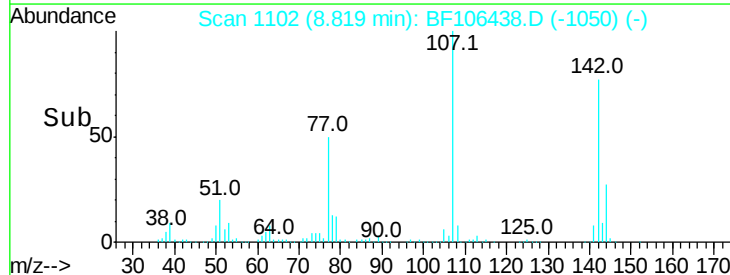
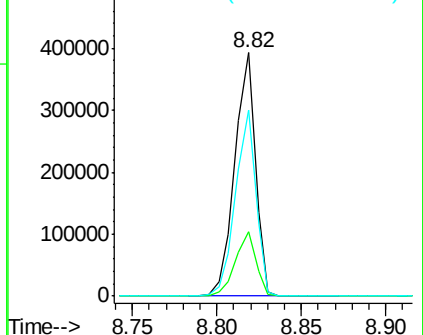


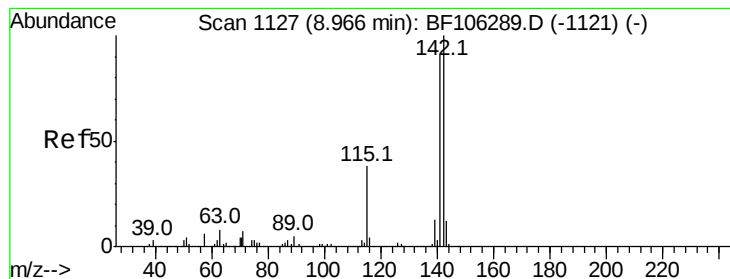
#36
 4-Chloro-3-methylphenol
 Concen: 47.254 ng/ml
 RT: 8.82 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.7	20.5	30.7	
142	76.5	62.0	93.0	



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





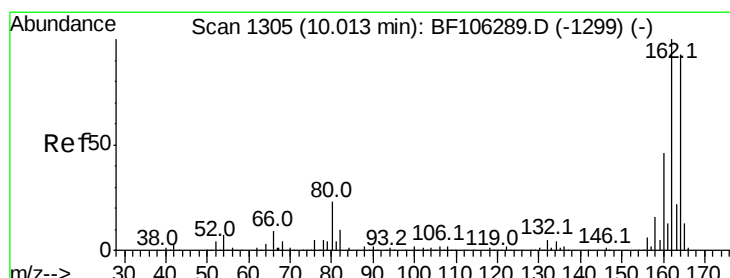
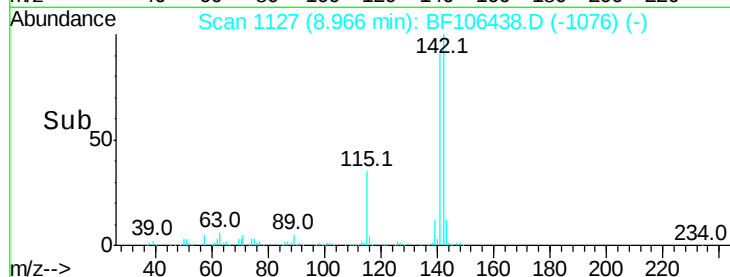
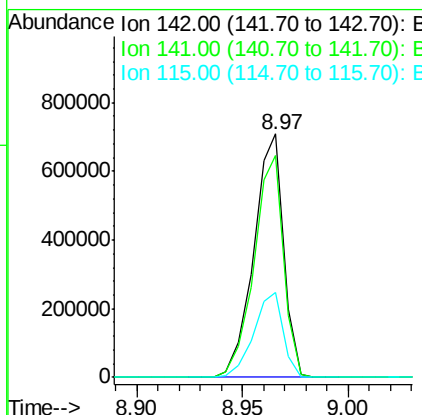
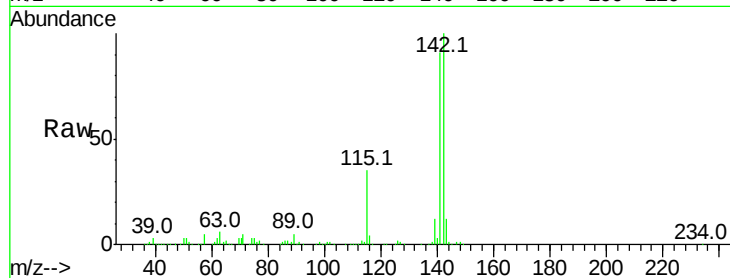
#37
2-Methylnaphthalene
Concen: 47.578 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.8	106.2
115	35.1	26.1	39.1

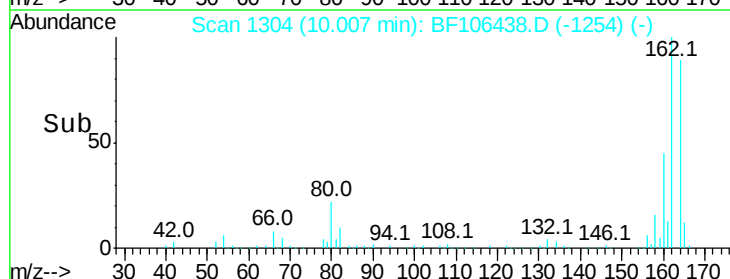
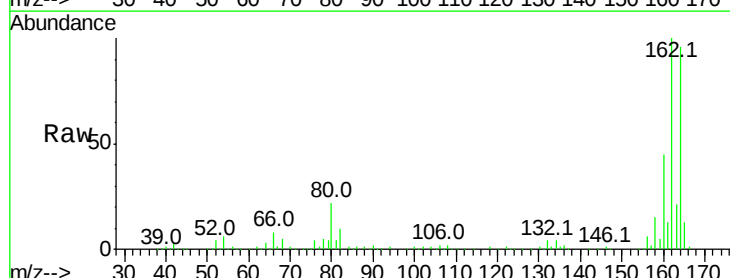
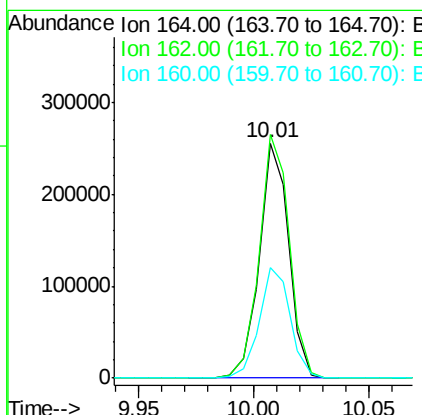
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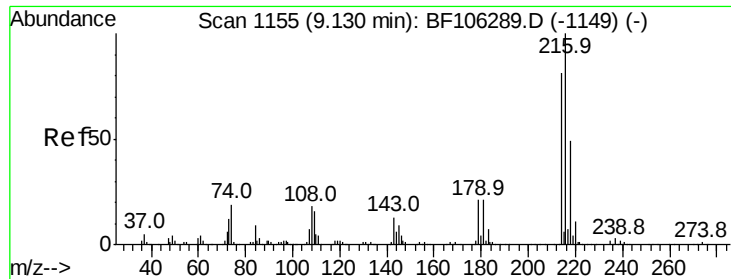
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.0	38.3	57.5





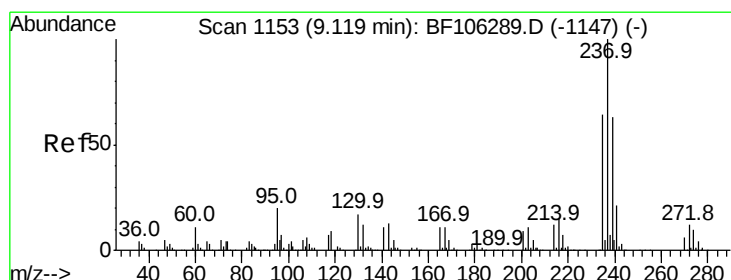
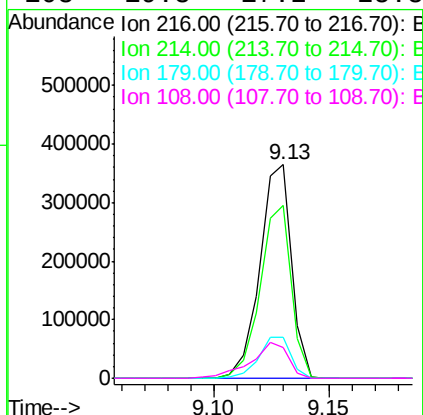
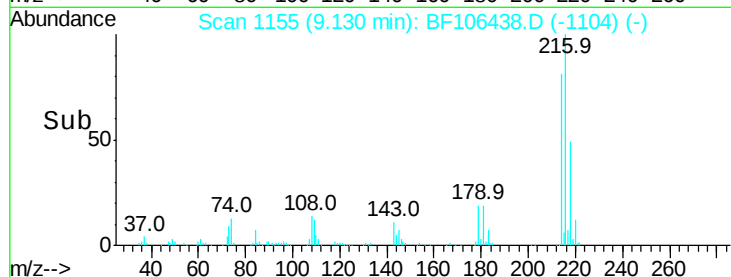
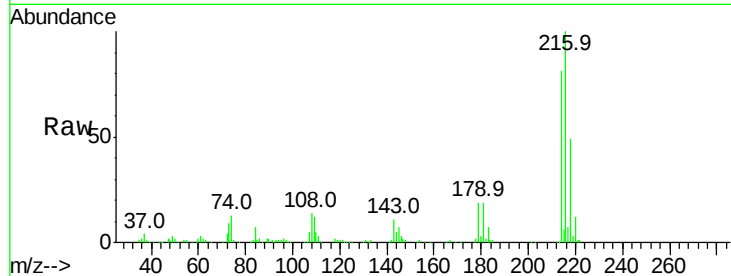
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.579 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	349911		
214	79.3	63.0	94.4	
179	19.7	18.1	27.1	
108	19.8	17.2	25.8	

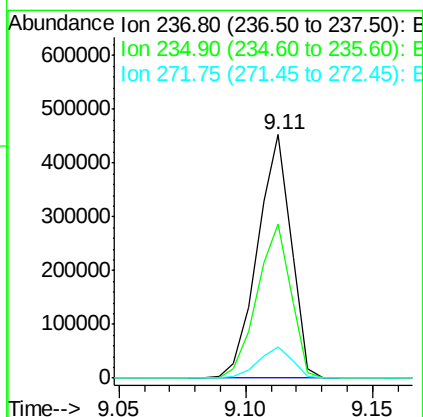
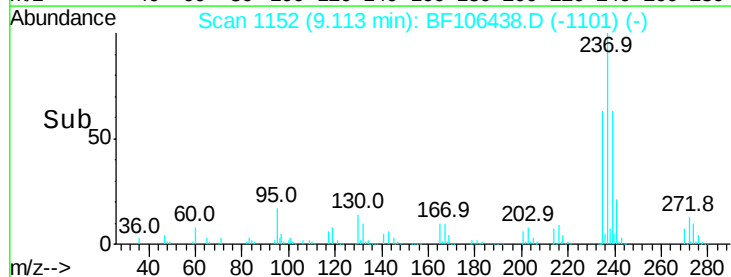
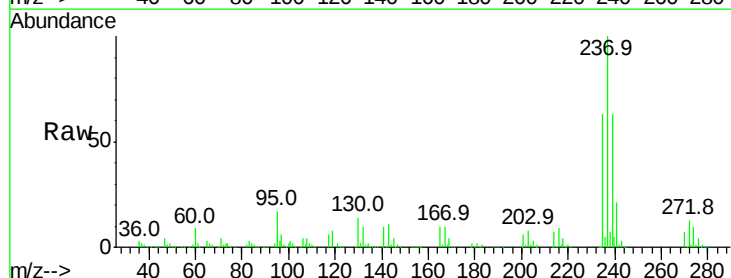
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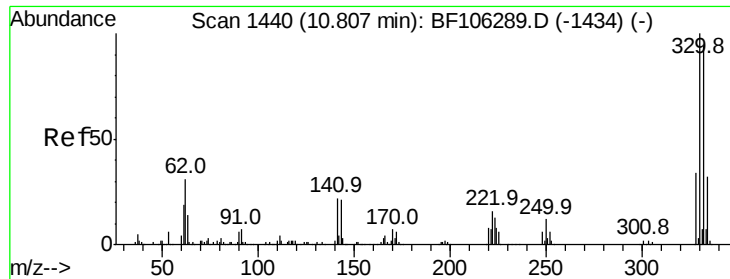
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#40
 Hexachlorocyclopentadiene
 Concen: 103.164 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	418596		
235	63.5	44.8	84.8	
272	12.8	0.0	33.3	





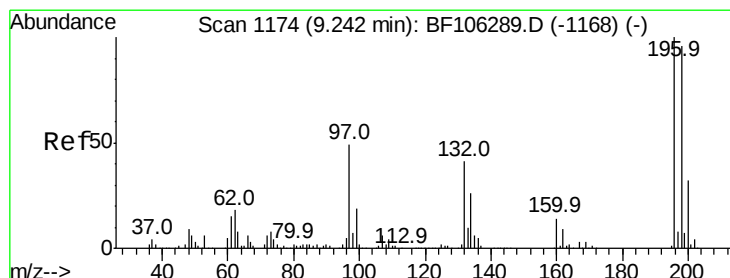
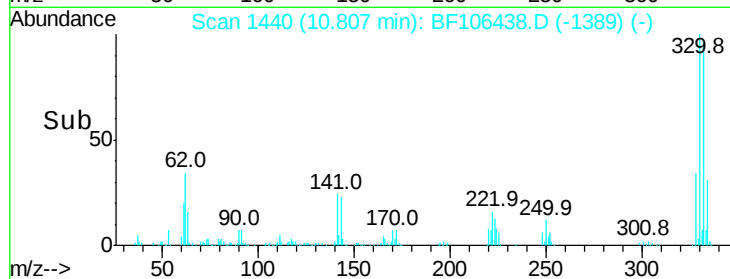
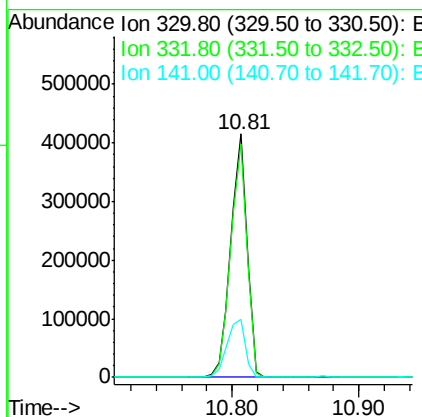
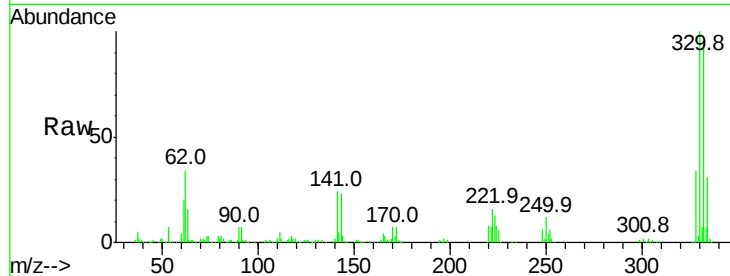
#41
 2,4,6-Tribromophenol
 Concen: 168.886 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	27.0	29.9	44.9	

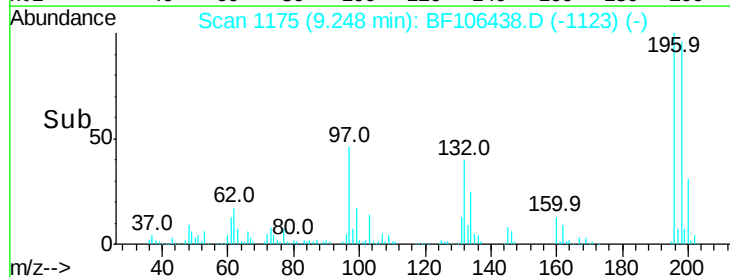
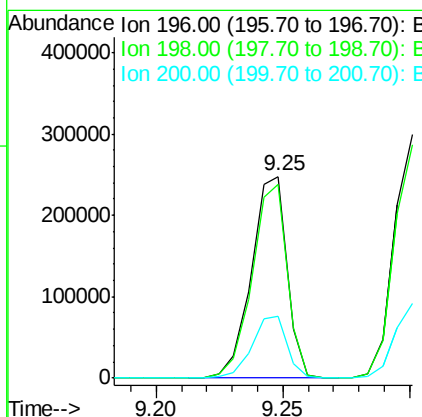
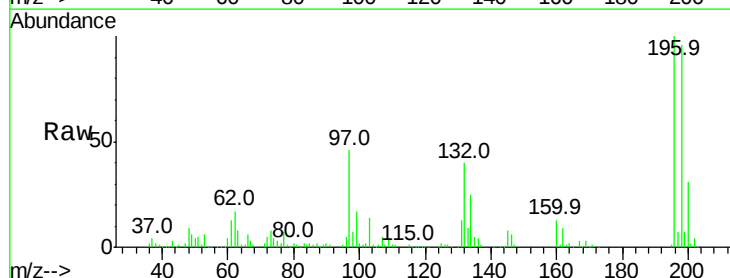
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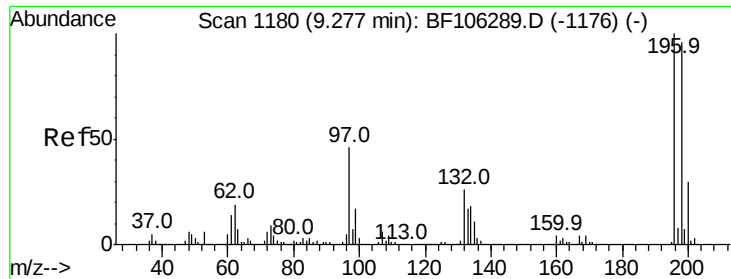
Sohil
 6/15/2018 11:16:44 AM



#42
 2,4,6-Trichlorophenol
 Concen: 51.929 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.1	75.7	113.5	
200	30.7	24.5	36.7	





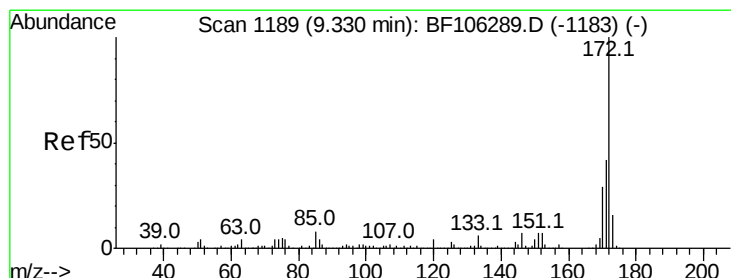
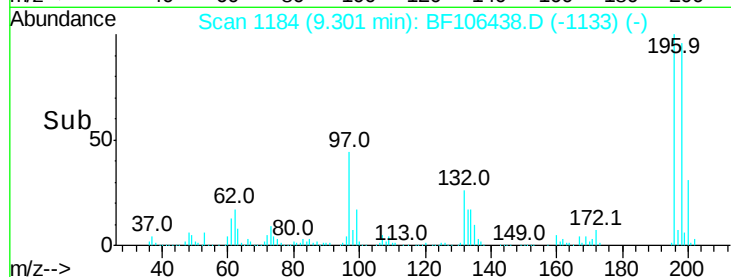
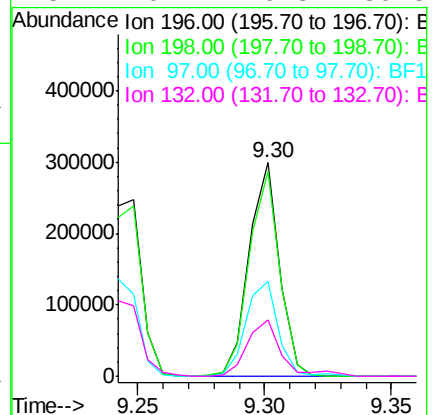
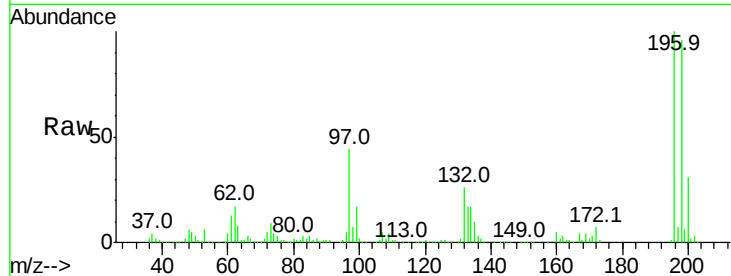
#43
 2,4,5-Trichlorophenol
 Concen: 49.027 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	247706		
198	95.7	74.6	112.0	
97	44.1	42.9	64.3	
132	26.2	26.3	39.5#	

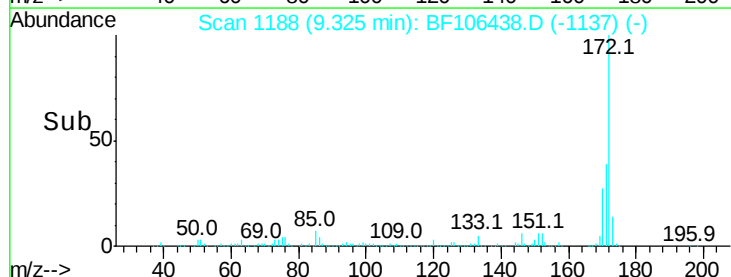
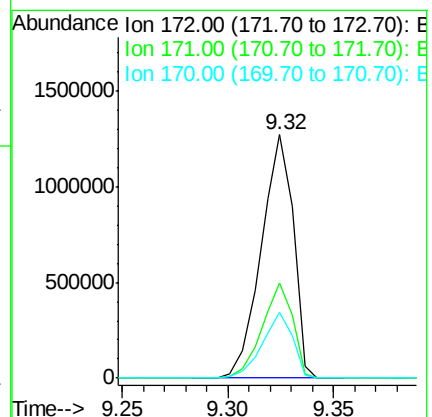
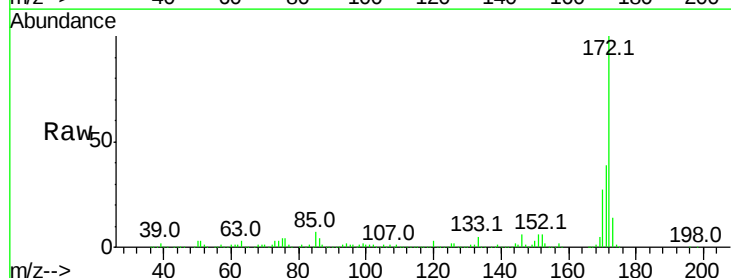
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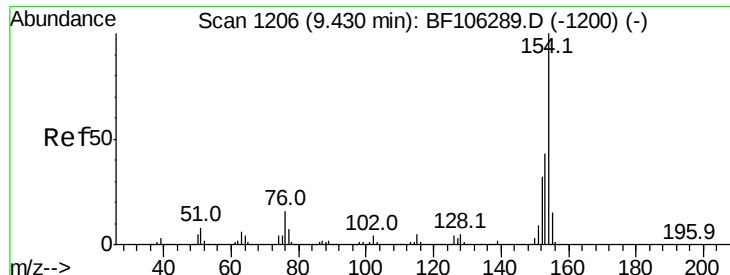
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 118.472 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1340888		
171	38.9	29.7	44.5	
170	27.2	19.6	29.4	





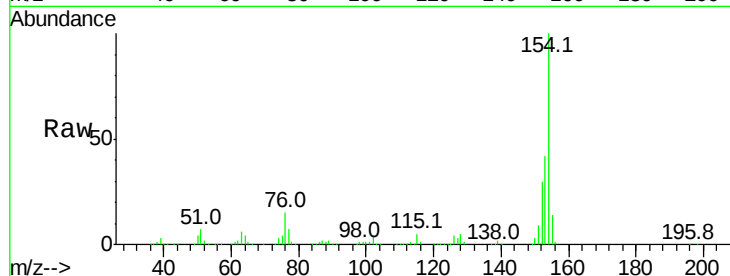
#45
 1,1'-Biphenyl
 Concen: 46.555 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BSD

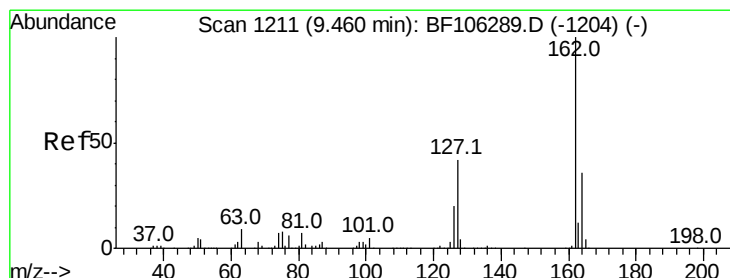
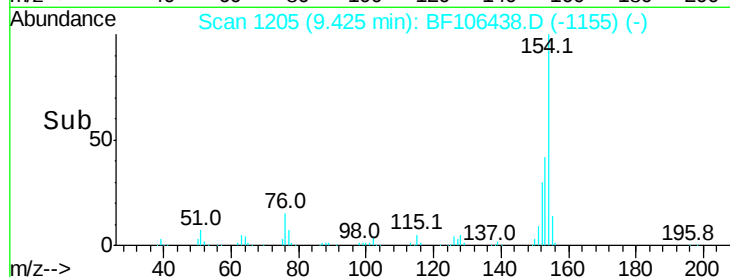
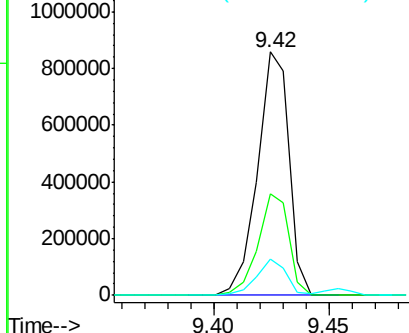
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.8	21.3	61.3	
76	14.6	0.0	34.0	

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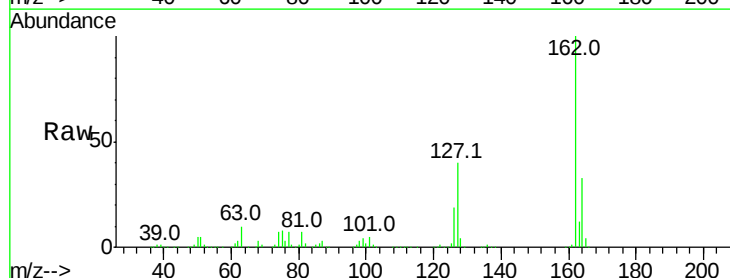


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

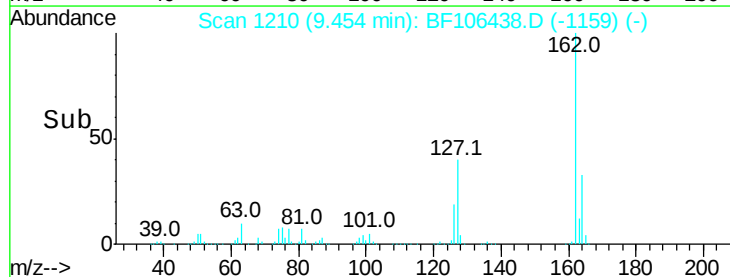
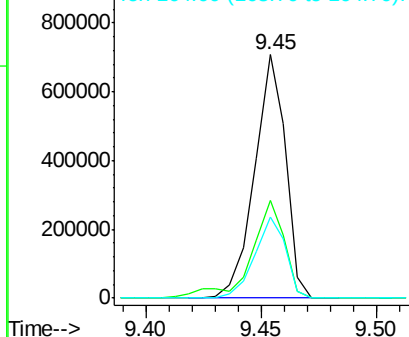


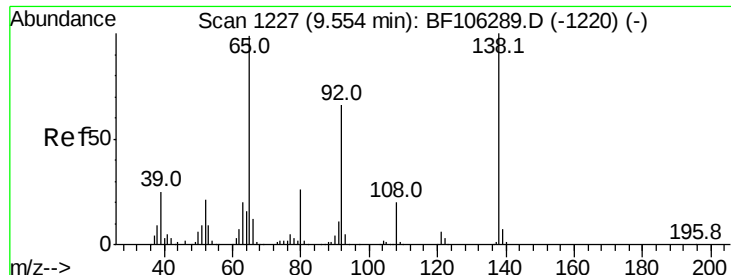
#46
 2-Chloronaphthalene
 Concen: 47.164 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.1	33.9	50.9	
164	33.1	26.5	39.7	



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





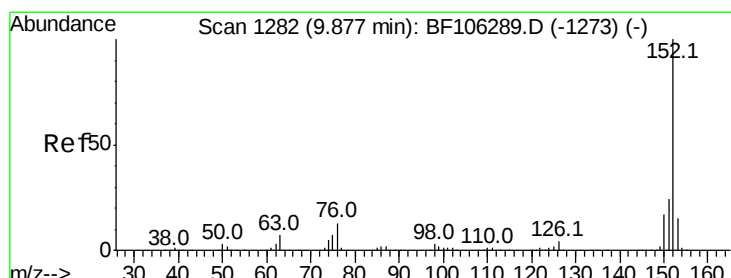
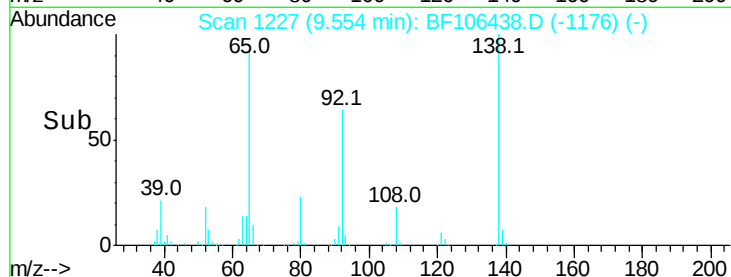
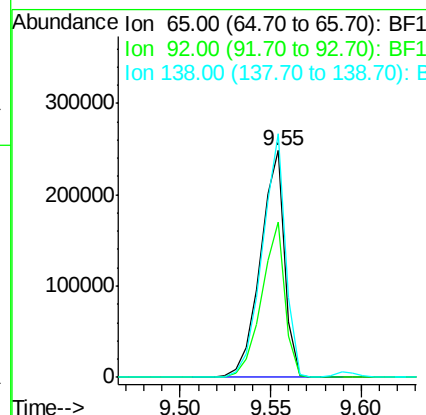
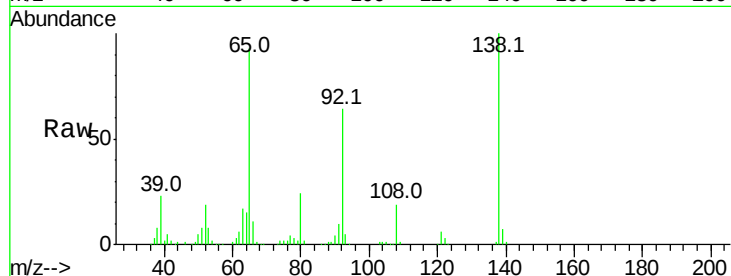
#47
2-Nitroaniline
Concen: 52.068 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	55.8	83.6
138	107.4	91.2	136.8

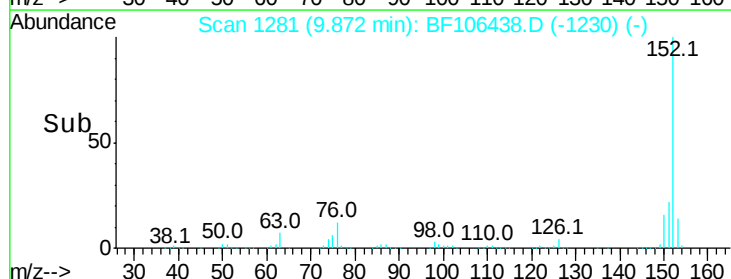
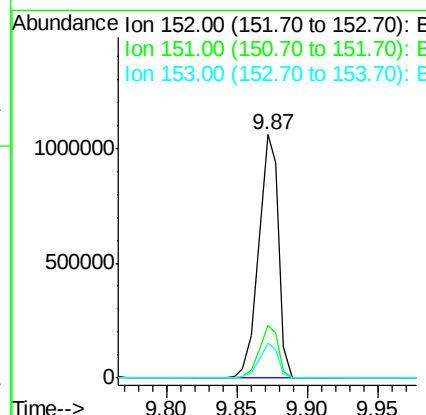
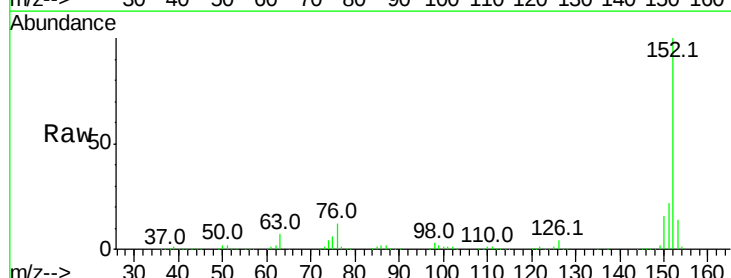
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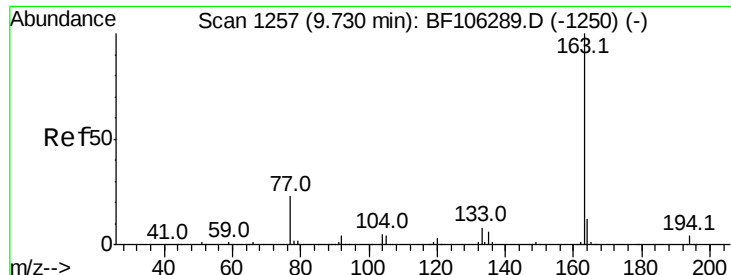
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#48
Acenaphthylene
Concen: 48.656 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	14.2	10.7	16.1





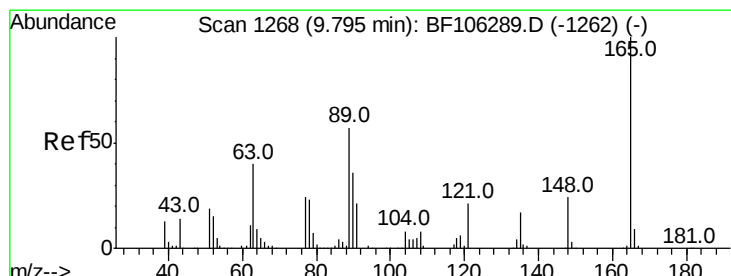
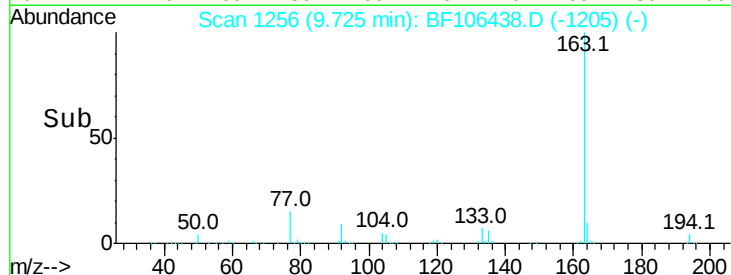
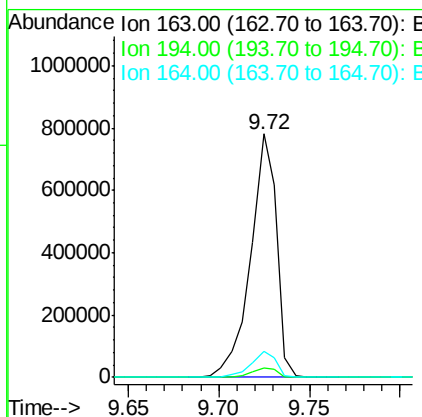
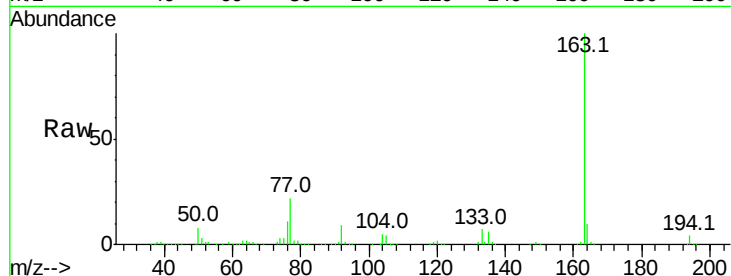
#49
Dimethylphthalate
Concen: 47.815 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	773906		
194	3.8		2.7	4.1
164	10.4		8.2	12.2

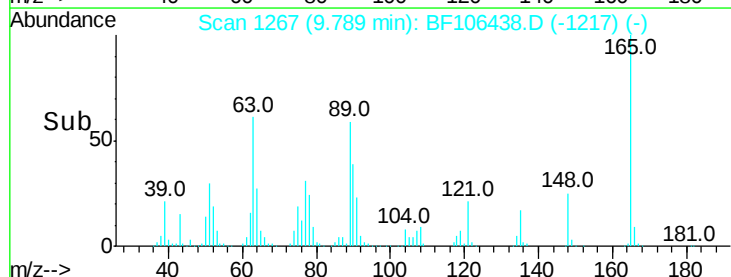
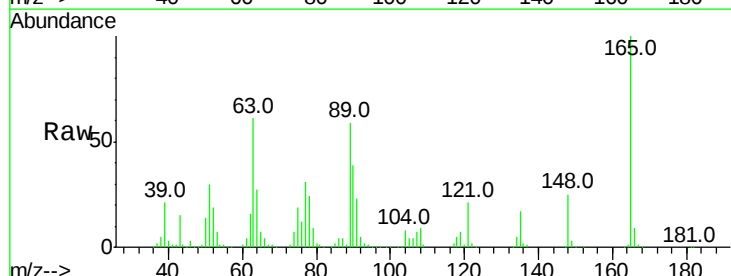
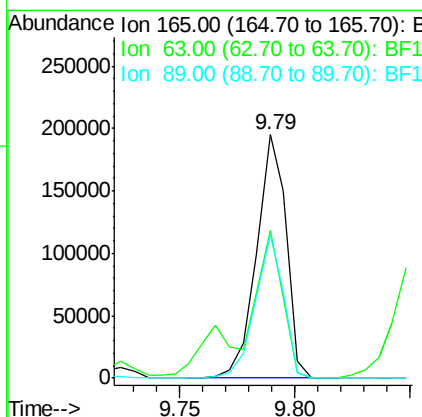
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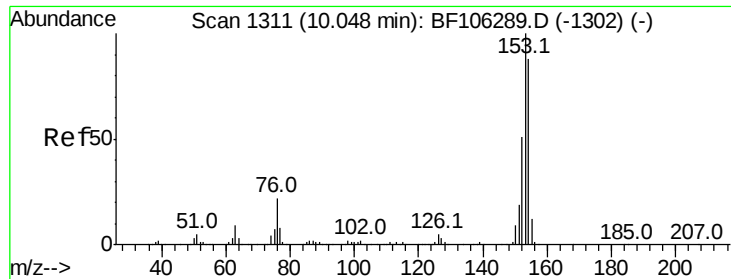
Sohil
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#50
2,6-Dinitrotoluene
Concen: 52.787 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	174520		
63	60.6		44.7	67.1
89	59.0		44.0	66.0





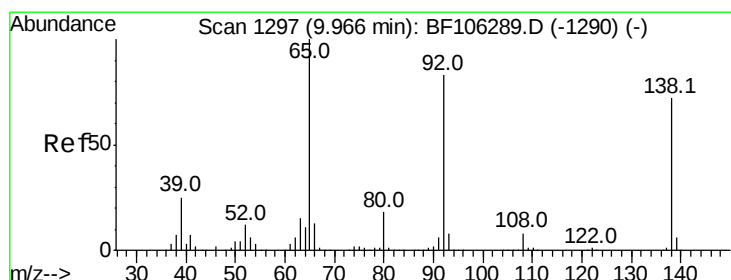
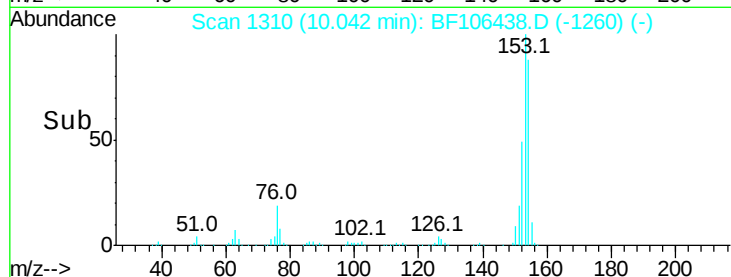
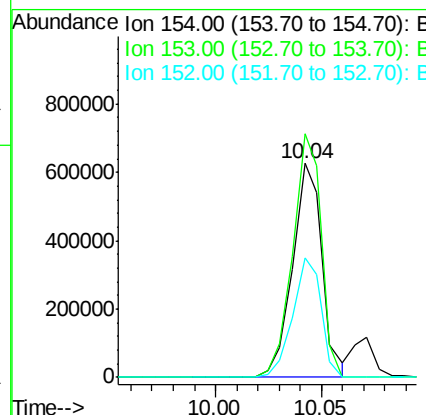
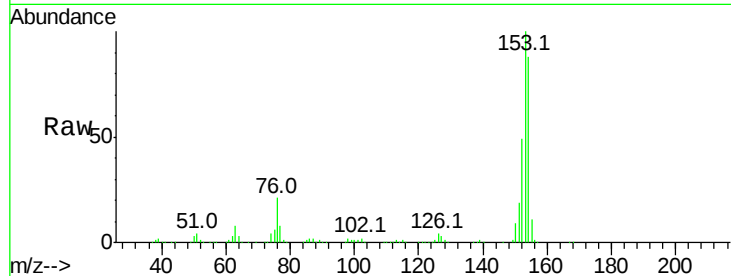
#51
Acenaphthene
Concen: 43.958 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	55.9	43.8	65.8

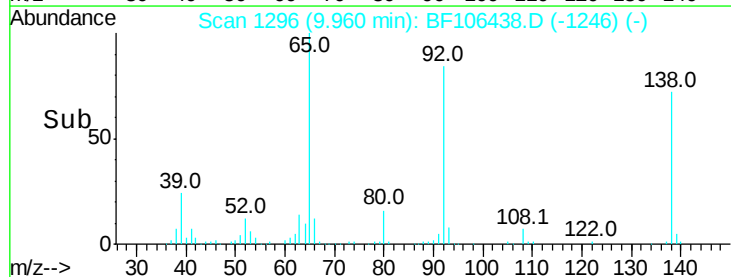
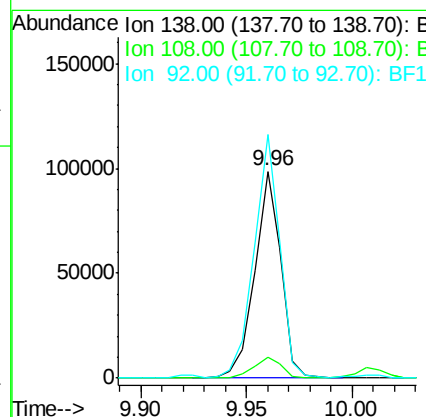
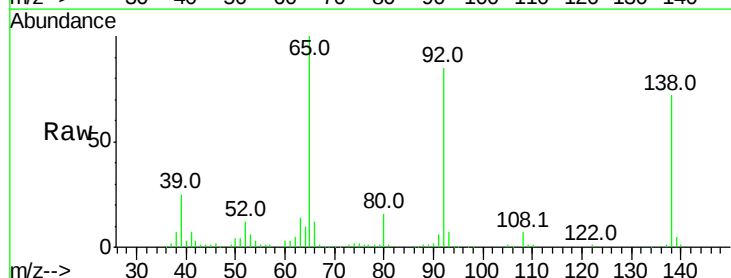
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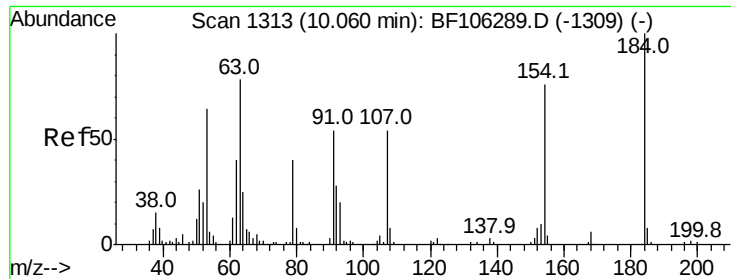
Sohil
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#52
3-Nitroaniline
Concen: 21.577 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.0
92	117.8	89.4	134.2





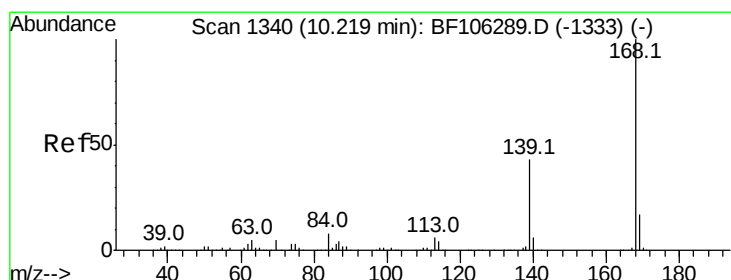
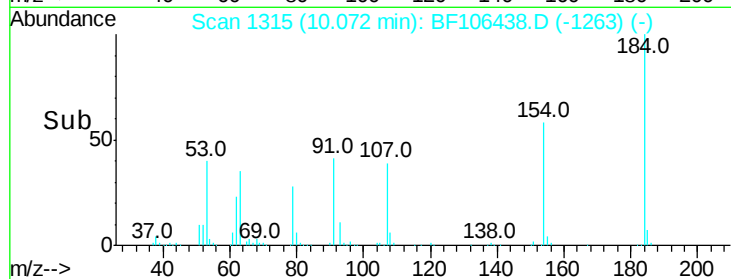
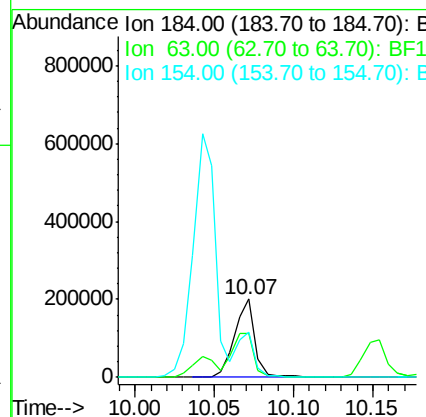
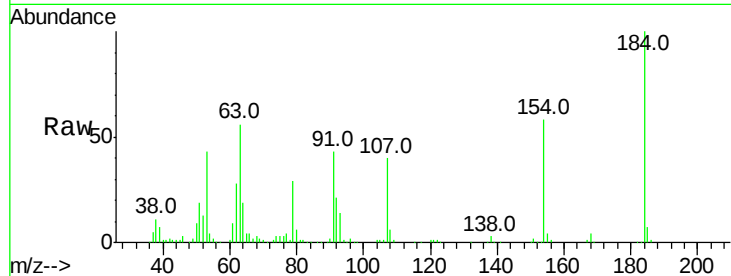
#53
2,4-Dinitrophenol
Concen: 114.221 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	179647		
63	56.0	54.2	81.2	
154	58.1	184.0	276.0	

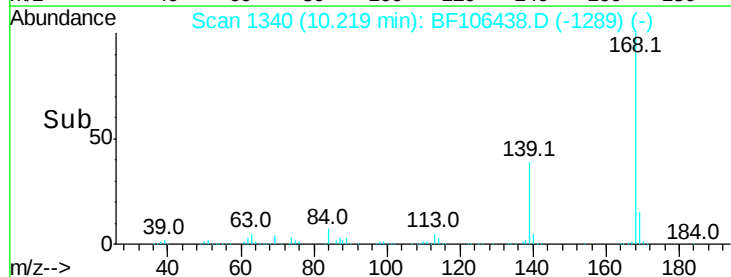
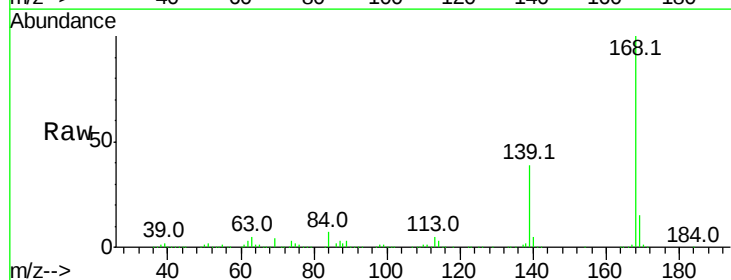
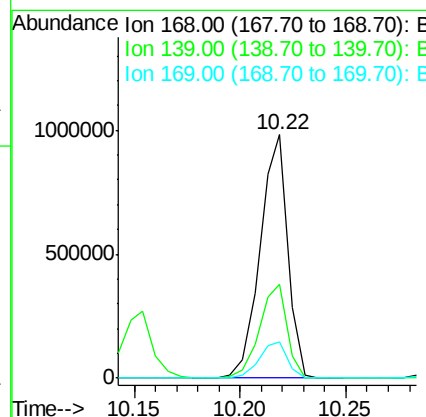
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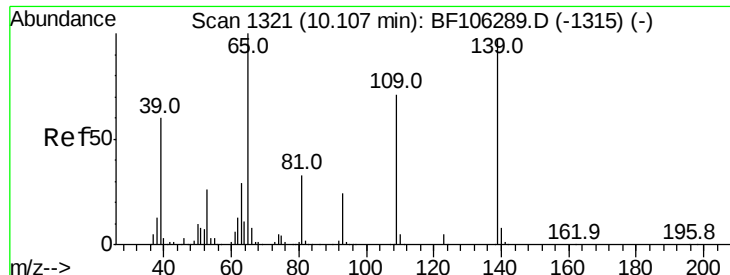
Sohil
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#54
Dibenzofuran
Concen: 47.773 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	892942		
139	38.5	30.1	45.1	
169	15.0	10.9	16.3	





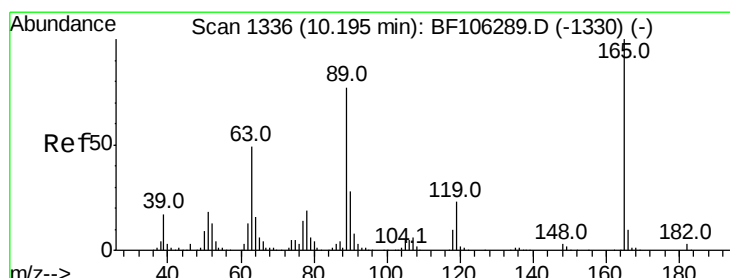
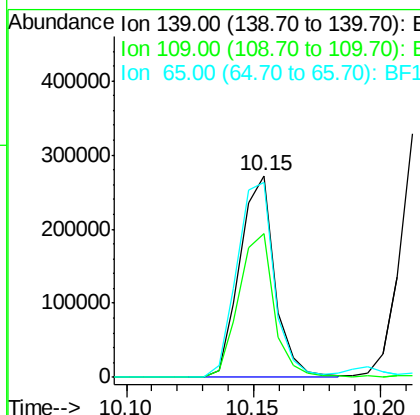
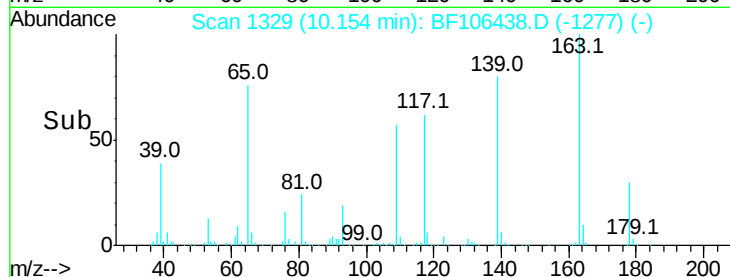
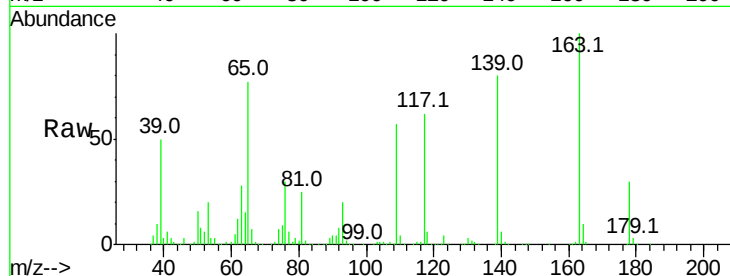
#55
4-Nitrophenol
Concen: 87.288 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	262536		
109	71.4	48.4	88.4	
65	96.8	72.6	112.6	

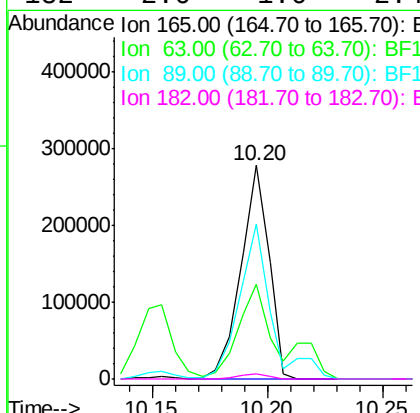
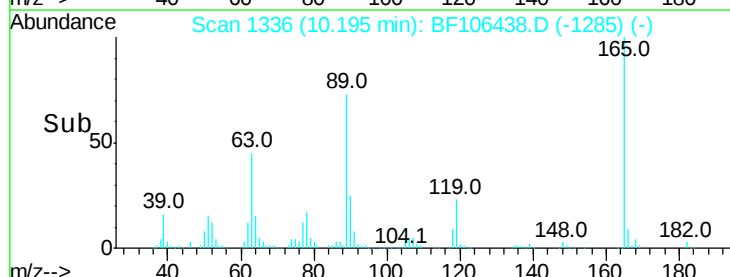
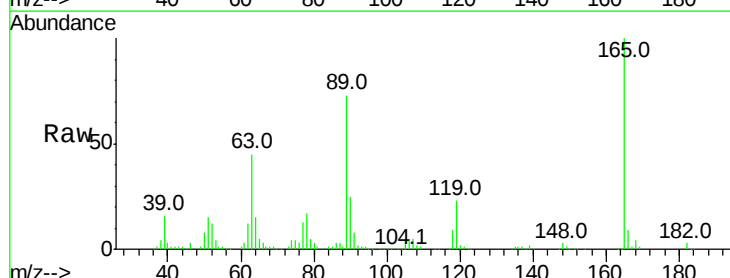
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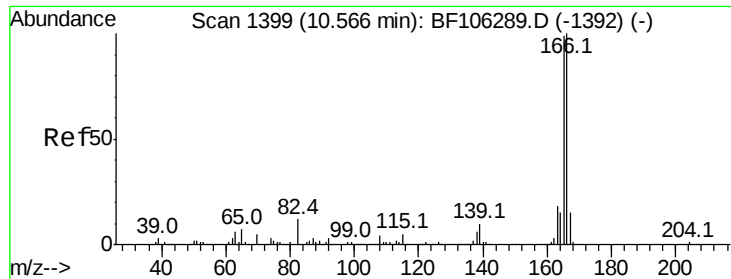
Sohil
6/15/2018 11:16:44 AM



#56
2,4-Dinitrotoluene
Concen: 57.199 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	237474		
63	44.5	36.4	54.6	
89	72.5	57.8	86.6	
182	2.6	1.6	2.4	#





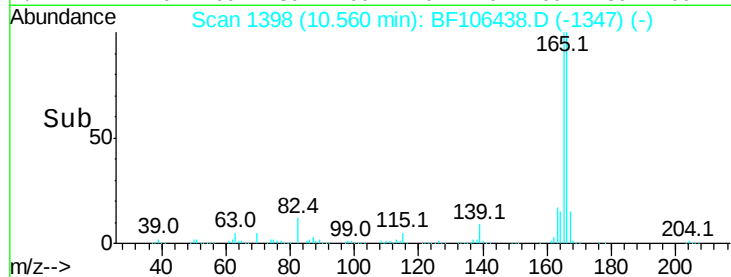
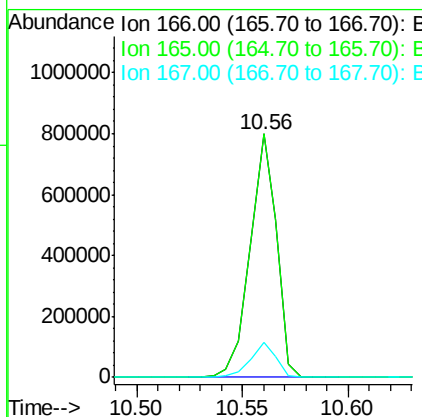
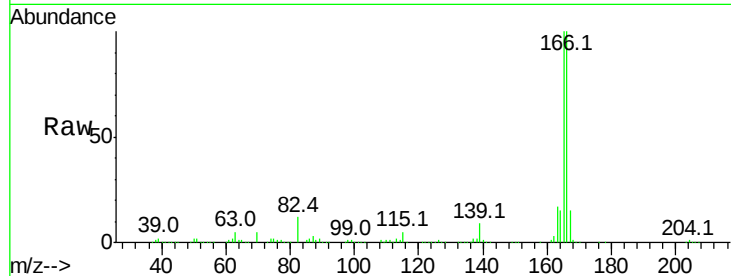
#57
 Fluorene
 Concen: 46.844 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Instrument :
 BNA_F
 ClientSampleID :
 PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	79.8	119.8	
167	14.5	10.6	16.0	

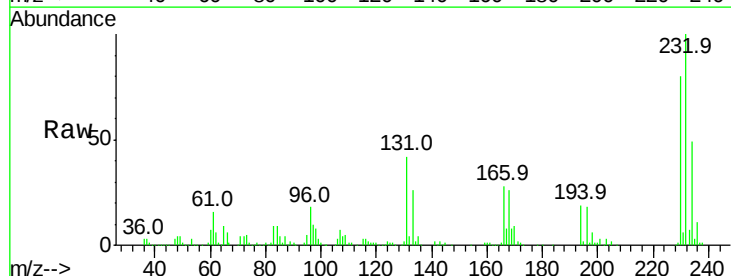
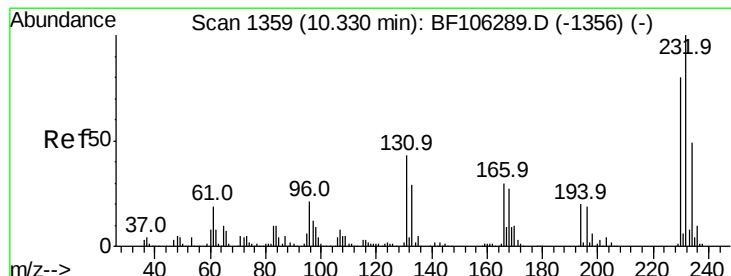
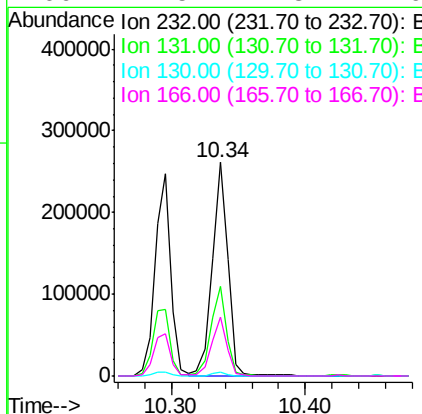
Manual Integrations
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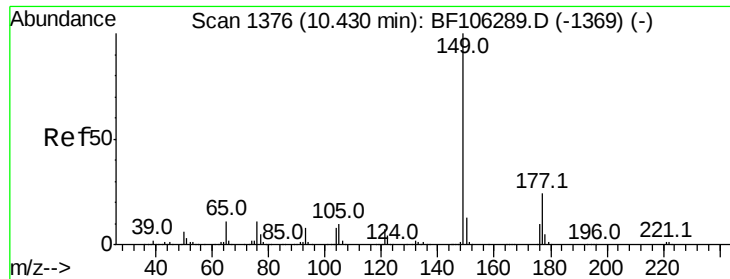
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.788 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.9	43.8	65.8#	
130	1.8	2.1	3.1#	
166	27.5	27.8	41.6#	





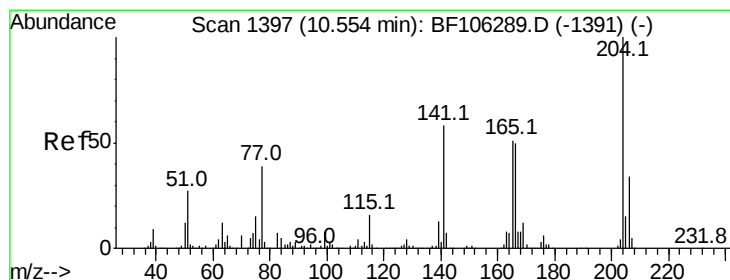
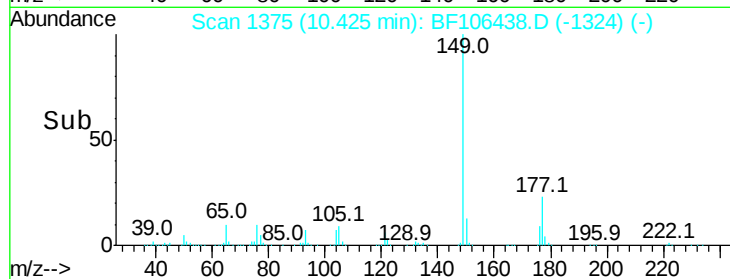
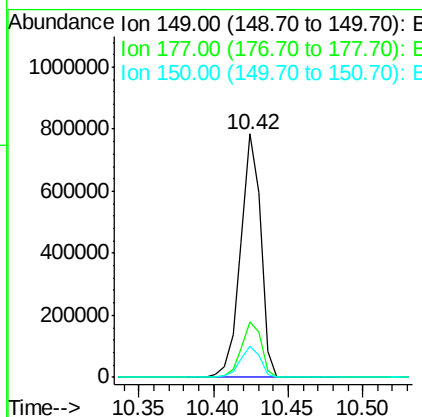
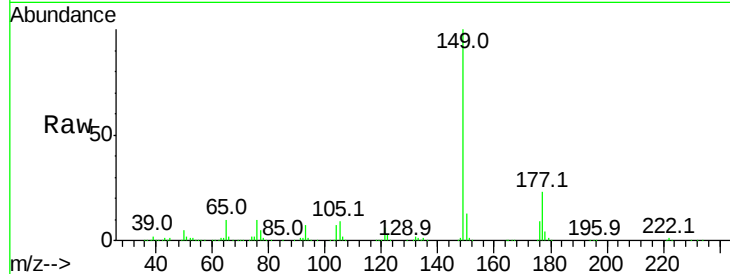
#59
Diethylphthalate
Concen: 45.867 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleID :
PB110197BSD

Tot Ion:	149	Resp:	736844
Ion Ratio	Lower	Upper	
149	100		
177	23.0	16.1	24.1
150	13.0	10.1	15.1

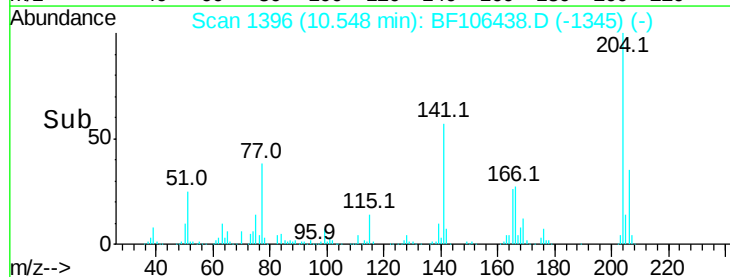
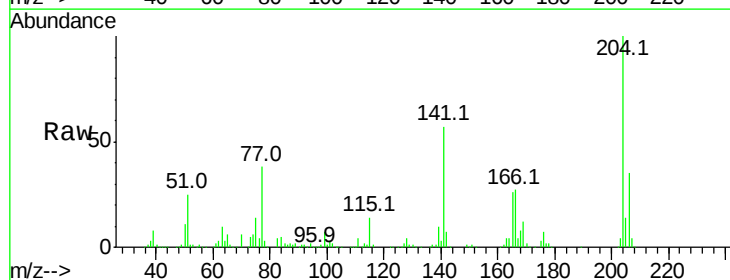
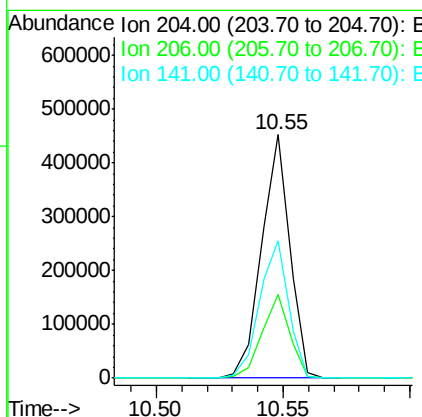
Manual Integrations
APPROVED

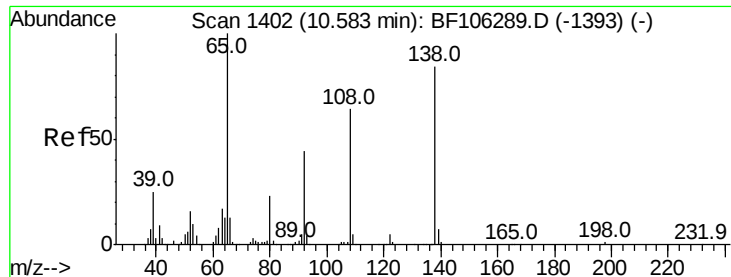
Sohil
6/15/2018 11:16:44 AM



#60
4-Chlorophenyl-phenylether
Concen: 45.222 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion:	204	Resp:	352240
Ion Ratio	Lower	Upper	
204	100		
206	34.6	26.5	39.7
141	56.6	54.6	81.8





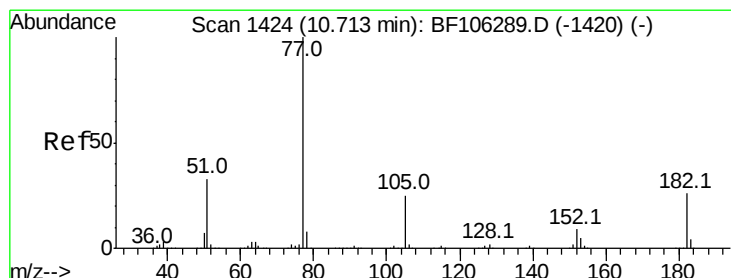
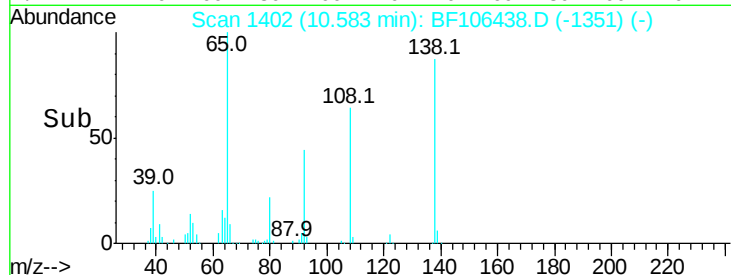
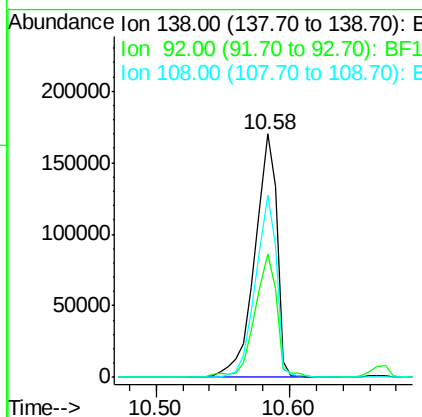
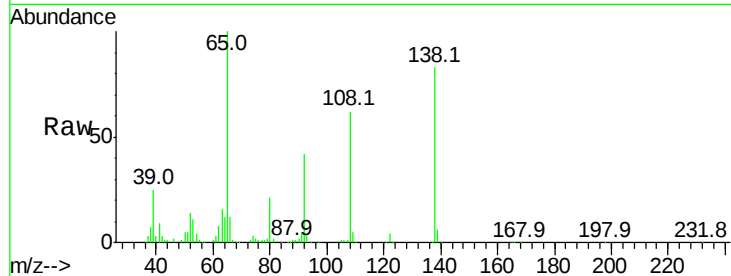
#61
4-Nitroaniline
Concen: 50.291 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.2	70.2
108	75.0	52.5	92.5

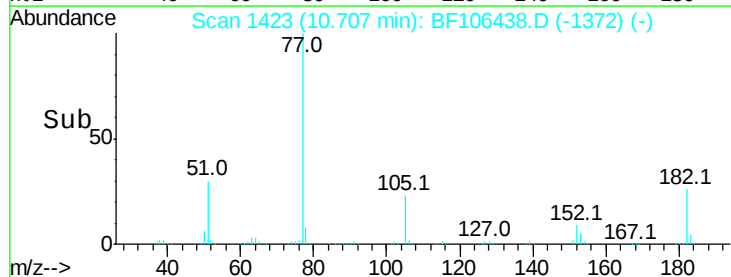
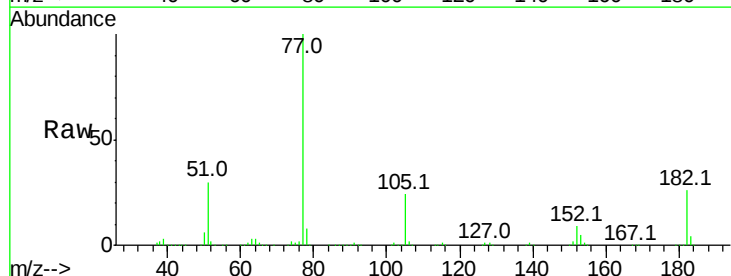
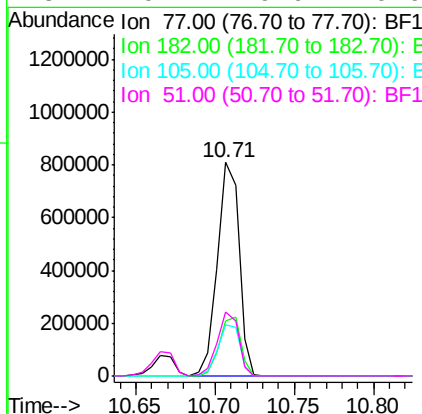
Manual Integrations
APPROVED

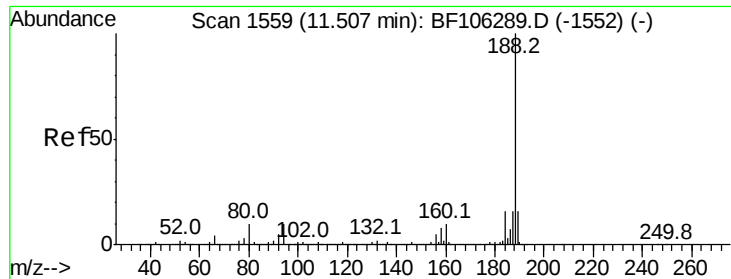
Sohil
6/15/2018 11:16:44 AM



#62
Azobenzene
Concen: 46.124 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	1.7	41.7
105	23.8	3.0	43.0
51	29.7	9.9	49.9





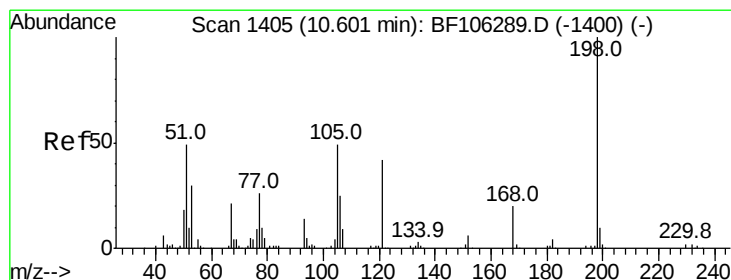
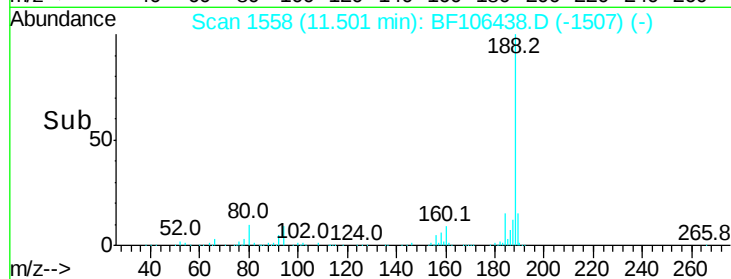
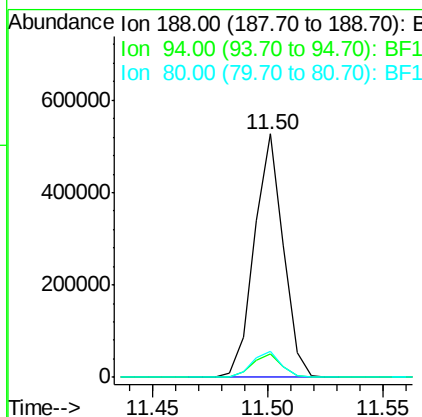
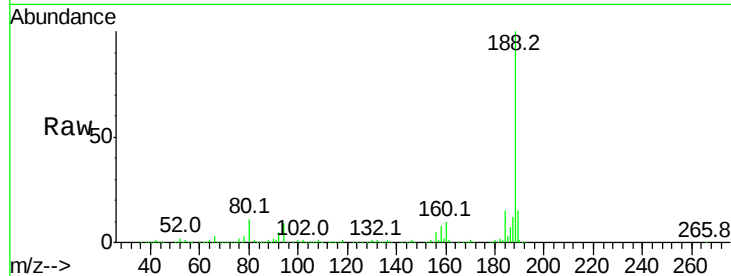
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	461558		
94	9.5		8.5	12.7
80	10.5		9.2	13.8

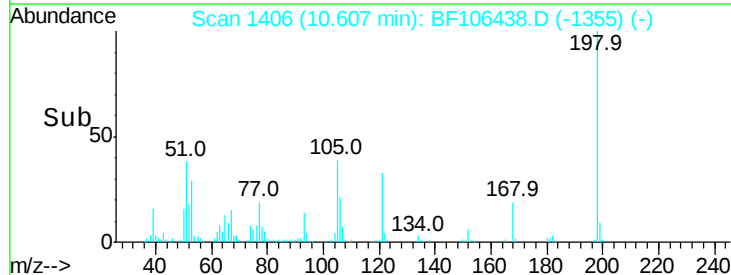
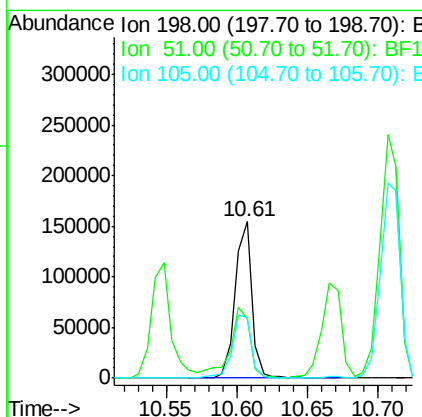
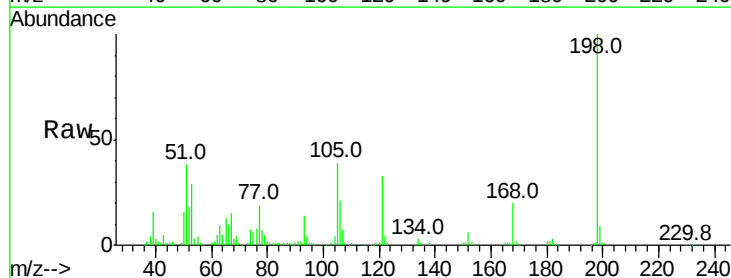
Manual Integrations
APPROVED

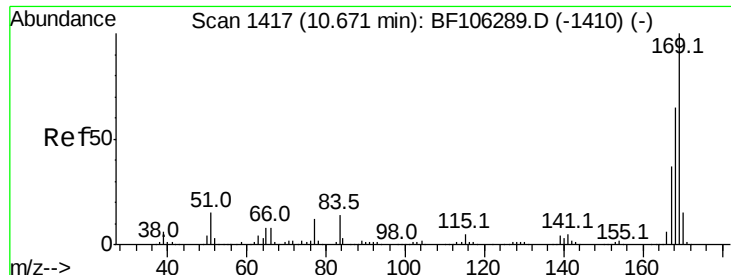
Sohil
6/15/2018 11:16:44 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 50.935 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	127923		
51	38.1		37.7	77.7
105	38.8		36.3	76.3





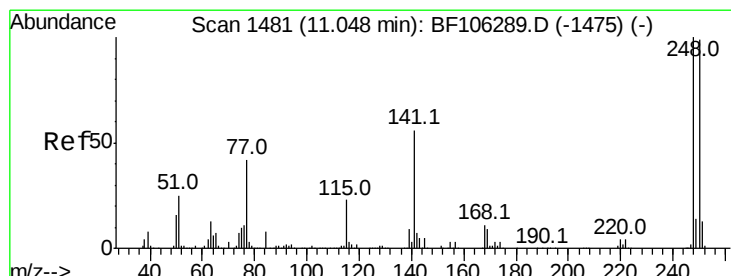
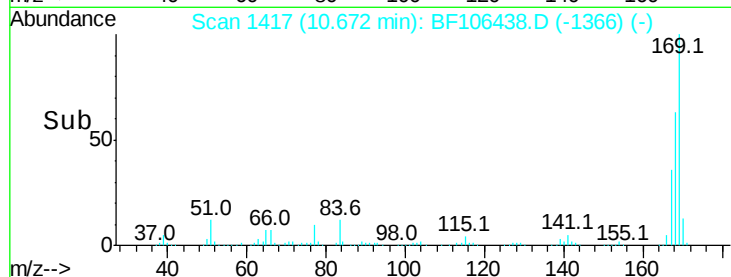
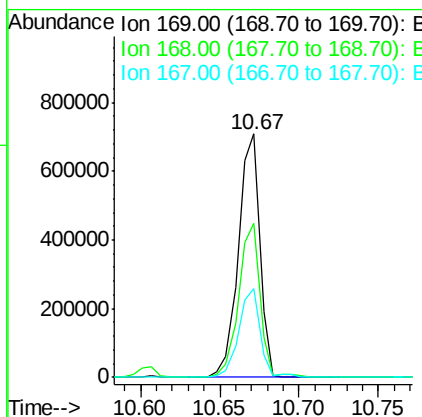
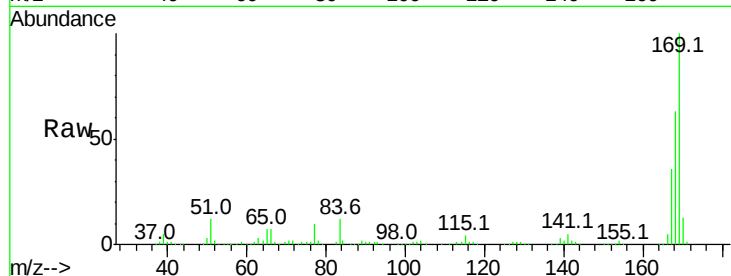
#65
n-Nitrosodiphenylamine
Concen: 42.847 ng
RT: 10.67 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	664649		
168	63.3		54.4	81.6
167	36.3		29.8	44.6

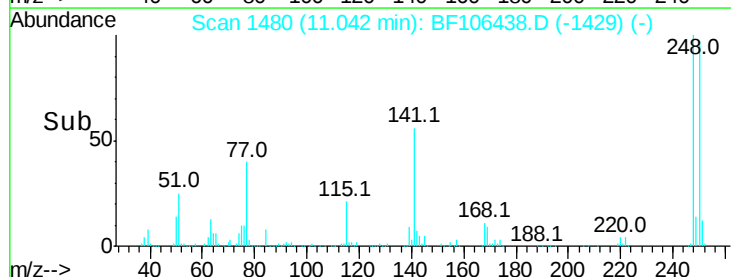
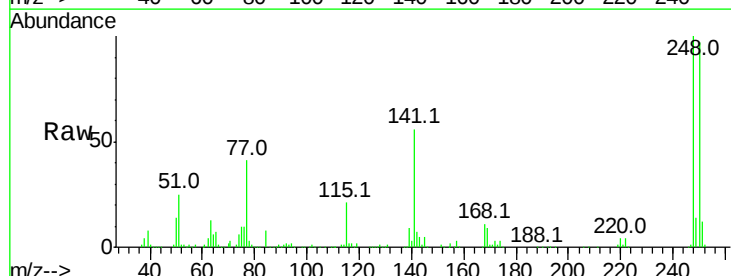
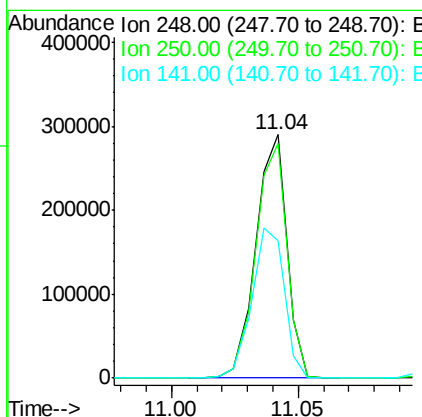
Manual Integrations
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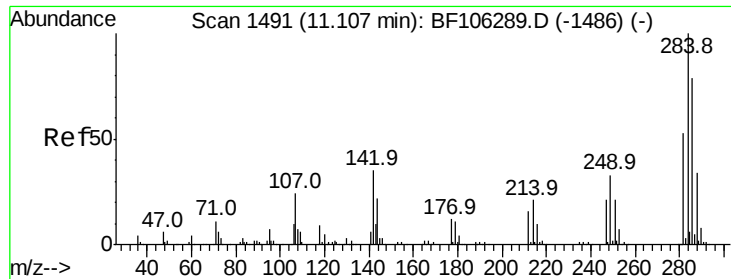
Sohil
6/15/2018 11:16:44 AM



#66
4-Bromophenyl-phenylether
Concen: 47.259 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	248093		
250	96.6		76.9	115.3
141	56.4		74.4	111.6#





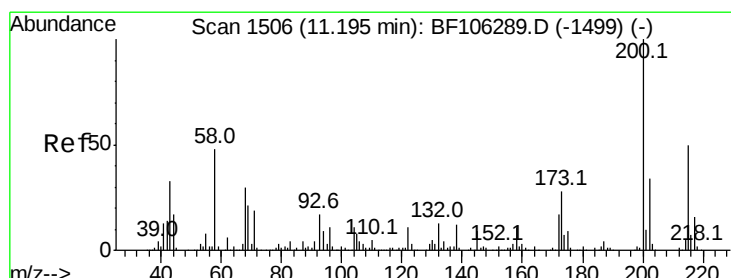
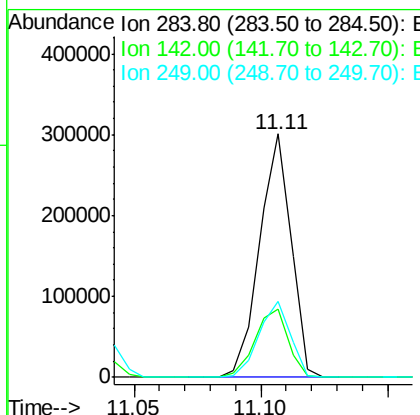
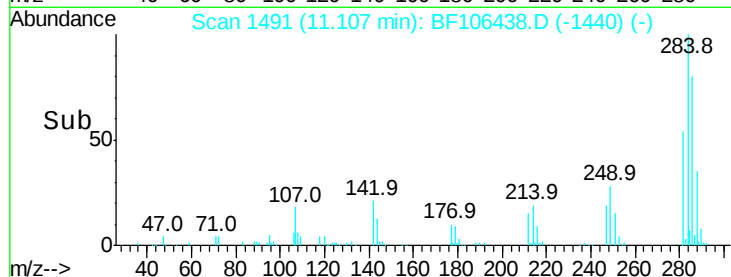
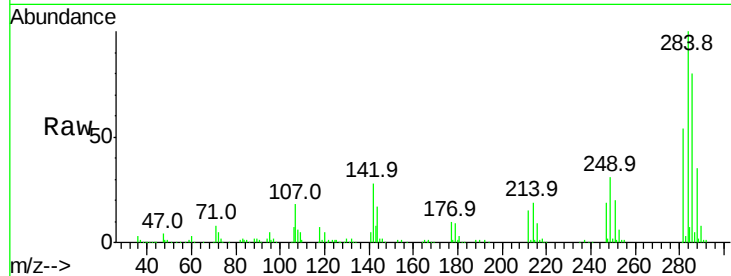
#67
Hexachlorobenzene
Concen: 48.356 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	261709		
142	28.0	34.6	52.0#	
249	31.3	24.8	37.2	

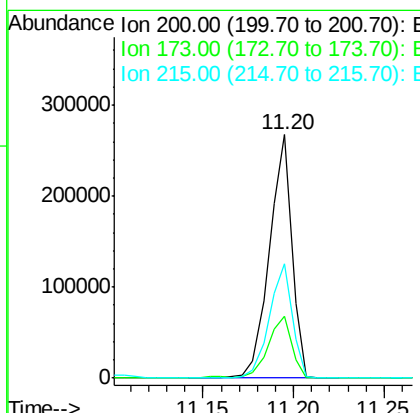
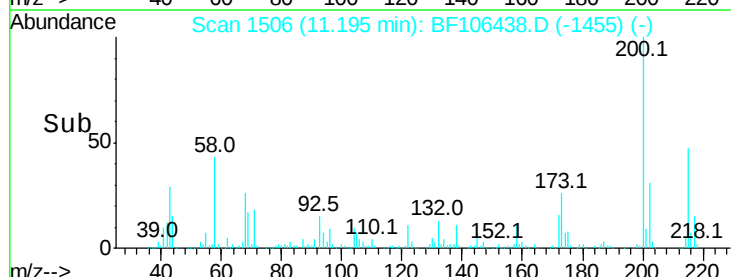
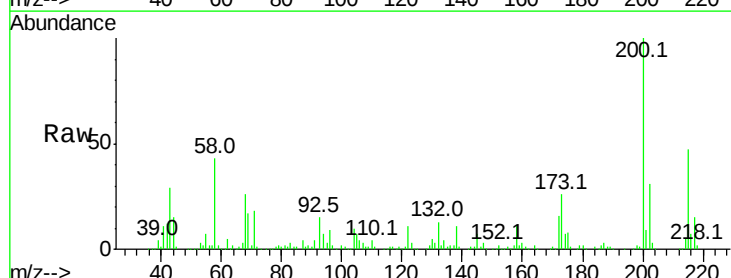
Manual Integrations
APPROVED

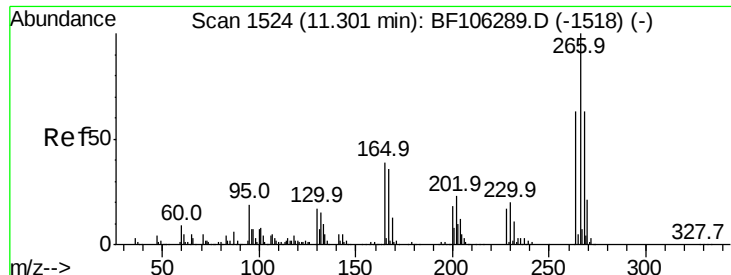
Sohil
6/15/2018 11:16:44 AM



#68
Atrazine
Concen: 48.074 ng
RT: 11.20 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	229814		
173	25.6	8.6	48.6	
215	47.1	25.1	65.1	





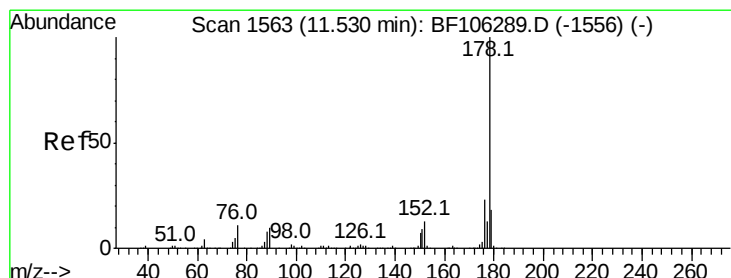
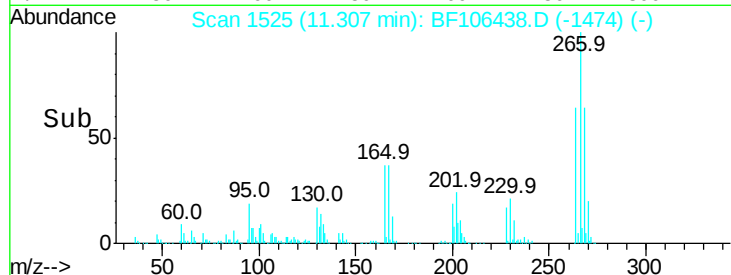
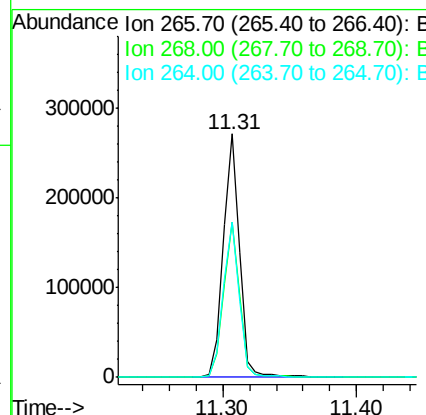
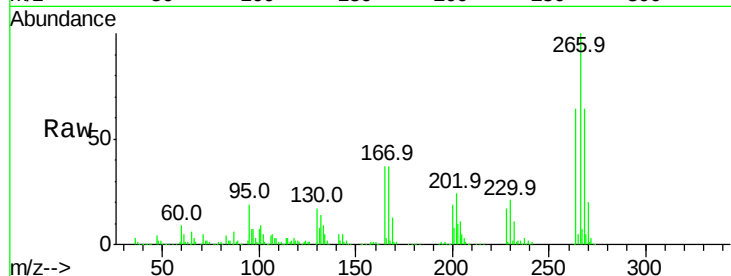
#69
 Pentachlorophenol
 Concen: 70.992 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	236552		
268	63.6	51.1	76.7	
264	63.7	49.5	74.3	

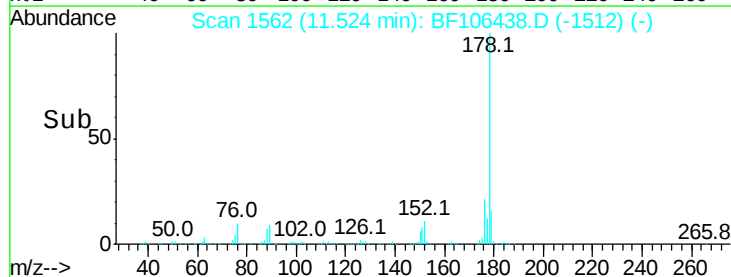
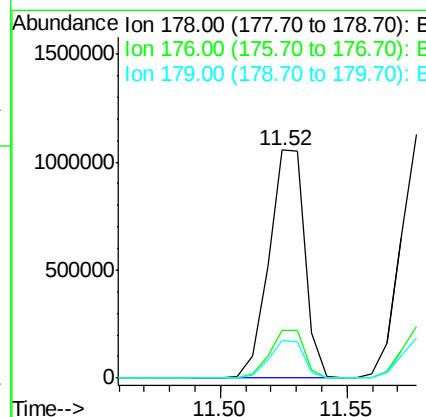
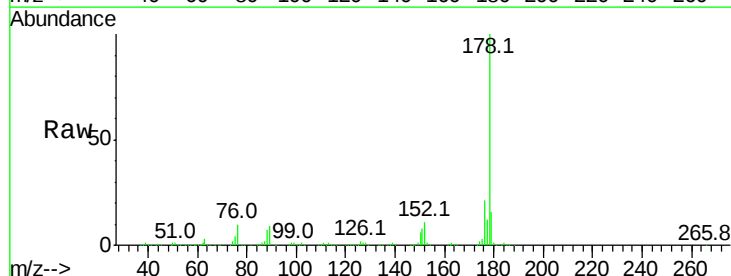
Manual Integrations
 APPROVED

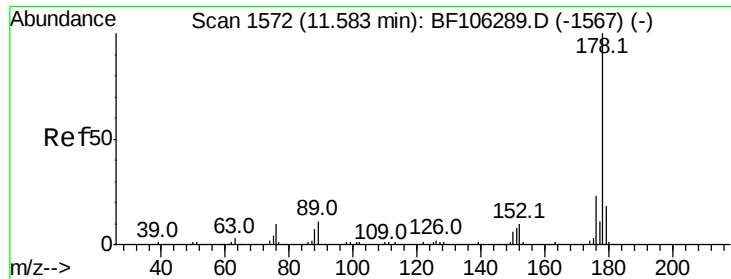
Sohil
 6/15/2018 11:16:44 AM



#70
 Phenanthrene
 Concen: 46.082 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1041641		
176	21.0	15.8	23.8	
179	16.4	13.0	19.6	





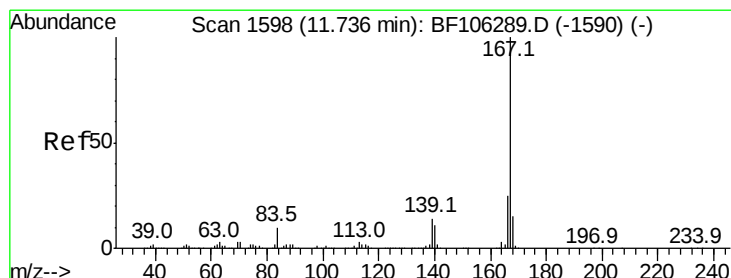
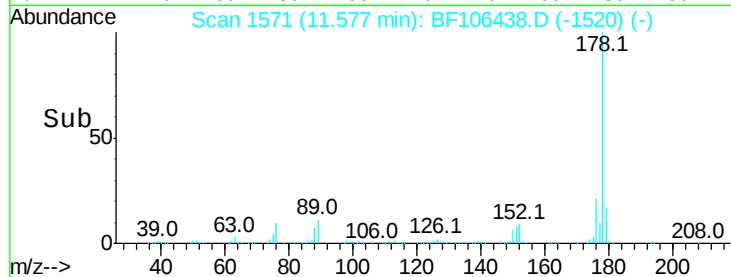
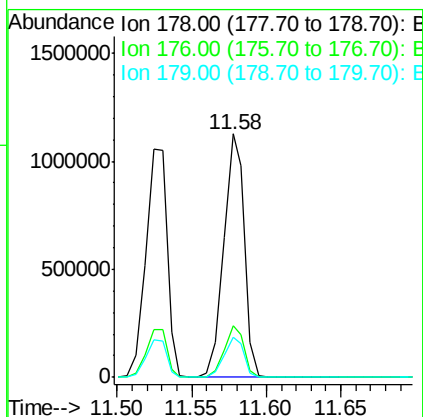
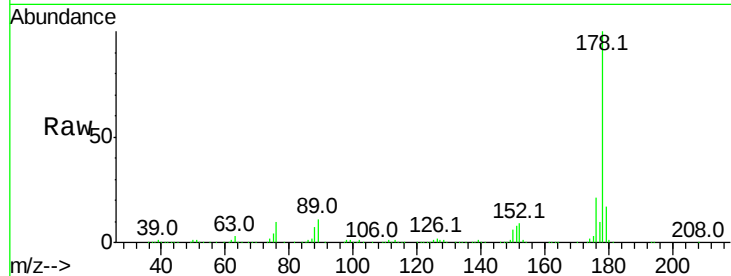
#71
 Anthracene
 Concen: 48.390 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BSD

Tot Ion:178 Resp: 1095808
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.4 23.2
 179 16.5 12.6 19.0

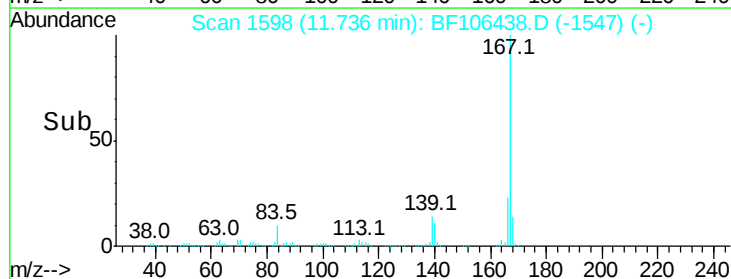
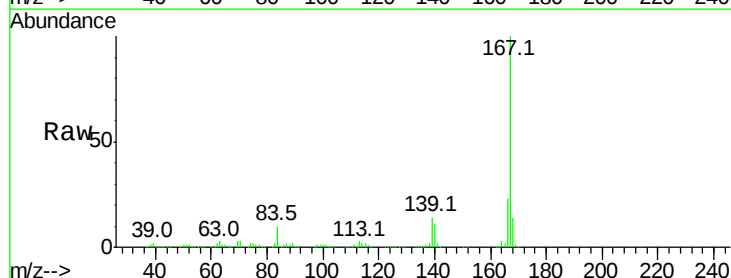
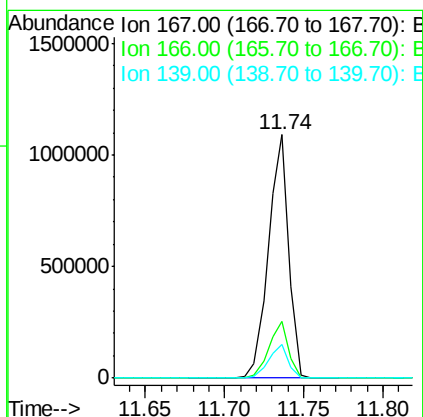
Manual Integrations
 APPROVED

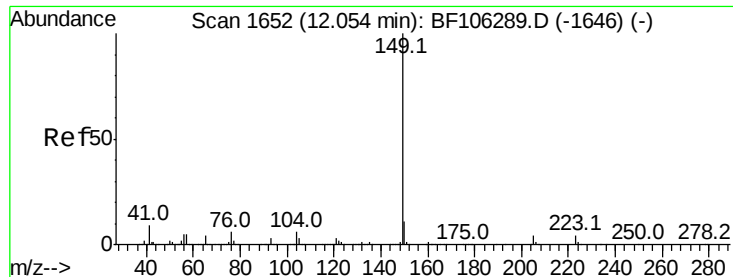
Sohil
 6/15/2018 11:16:44 AM



#72
 Carbazole
 Concen: 46.789 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Tgt Ion:167 Resp: 978183
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.456 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

ClientSampleId :

PB110197BSD

Tot Ion:149 Resp: 1104212

Ion Ratio Lower Upper

149 100

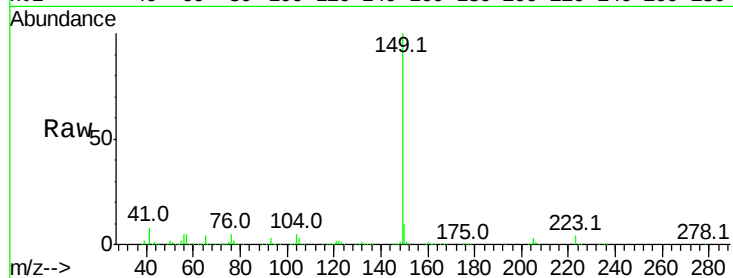
150 10.0 7.8 11.6

104 5.3 3.8 5.8

Manual Integrations
APPROVED

Sohil

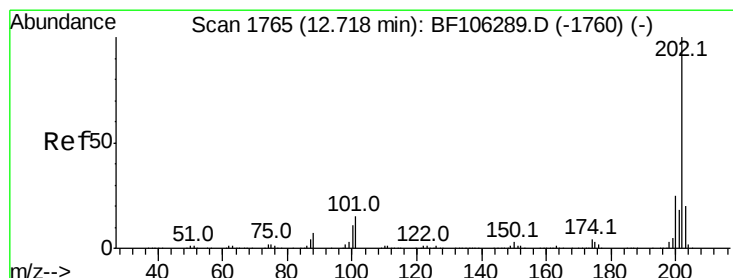
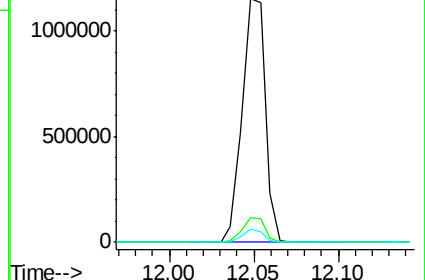
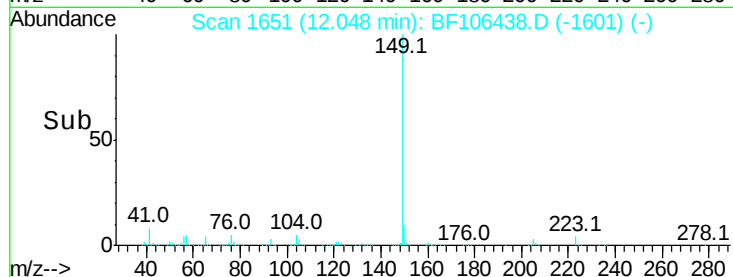
6/15/2018 11:16:44 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.359 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

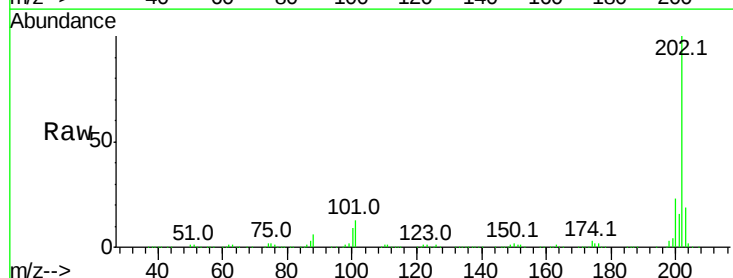
Tgt Ion:202 Resp: 1165764

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

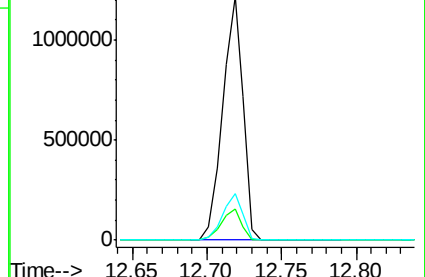
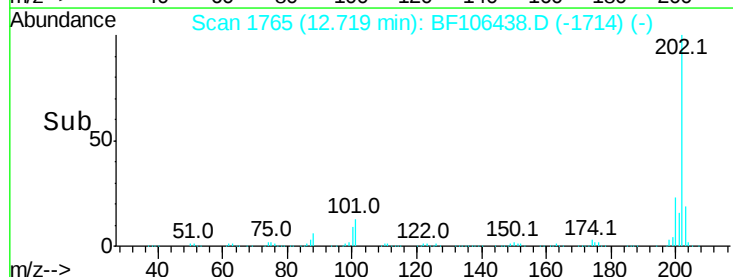
203 19.2 0.0 38.1

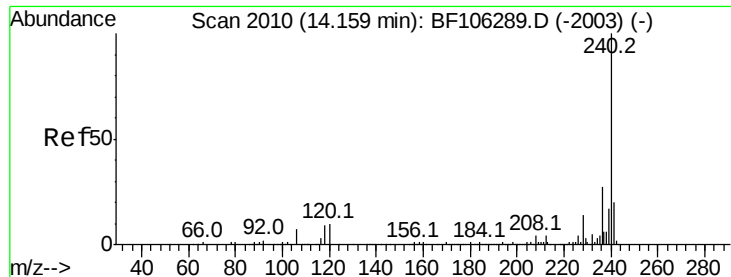


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

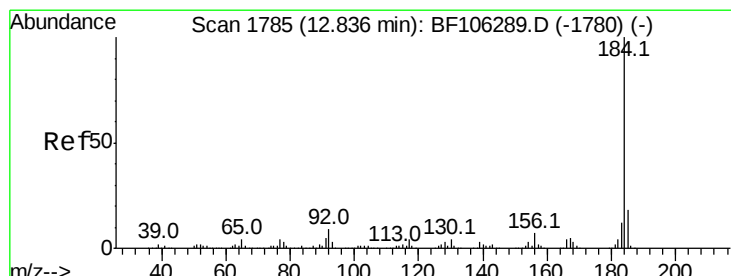
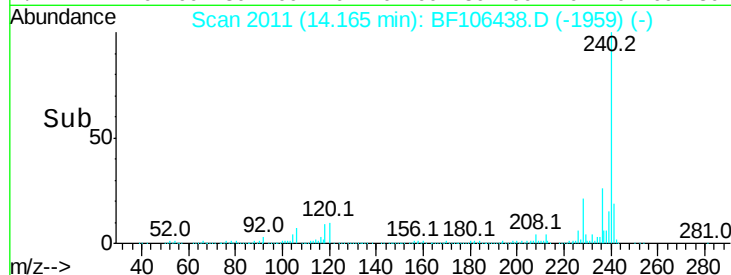
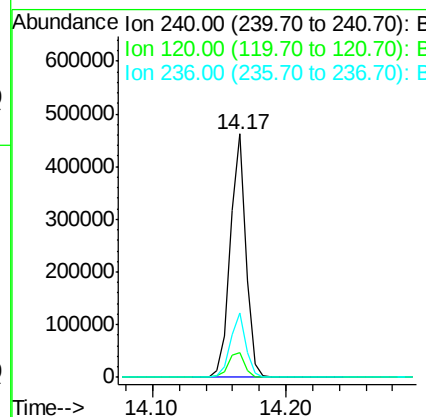
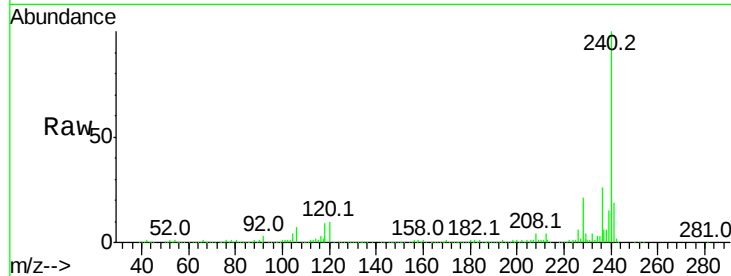
ClientSampleId :

PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.0	9.5	14.3	
236	26.3	20.7	31.1	

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#76

Benzidine

Concen: 23.802 ng

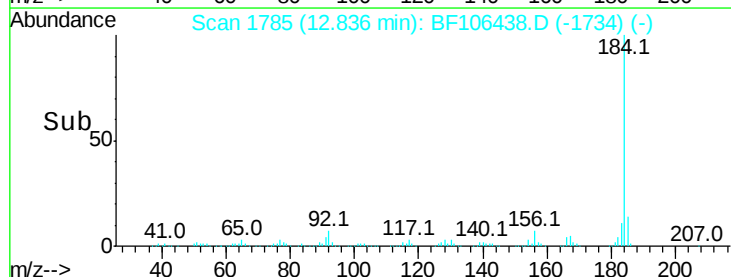
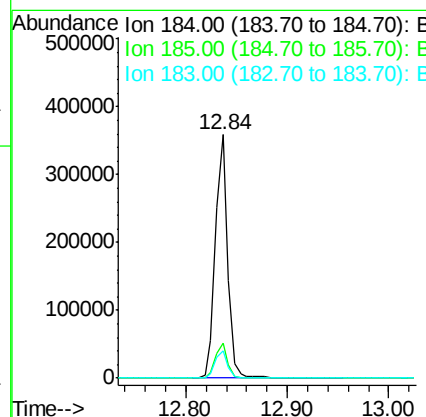
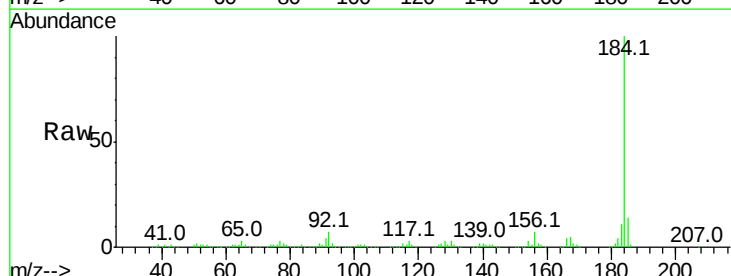
RT: 12.84 min Scan# 1785

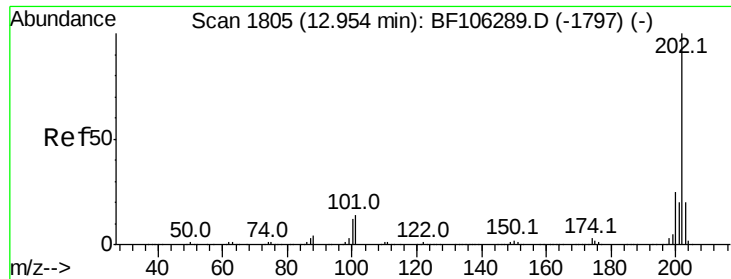
Delta R.T. -0.00 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.4	12.6	18.8	
183	11.5	9.3	13.9	





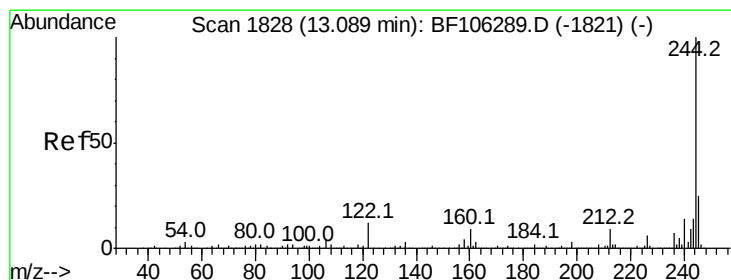
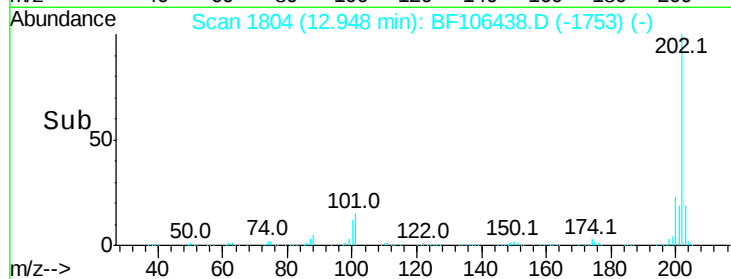
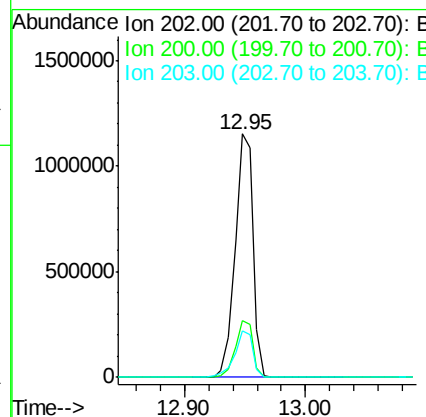
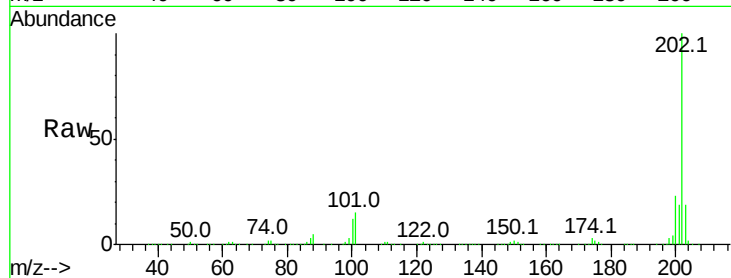
#77
Pvrene
Concen: 49.431 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.4	26.2
203	19.0	14.3	21.5

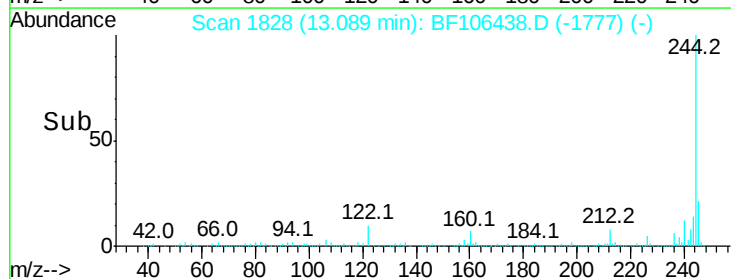
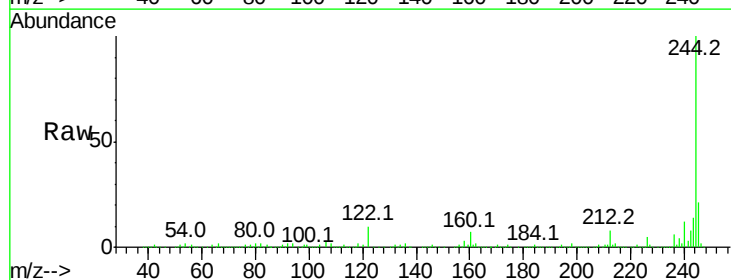
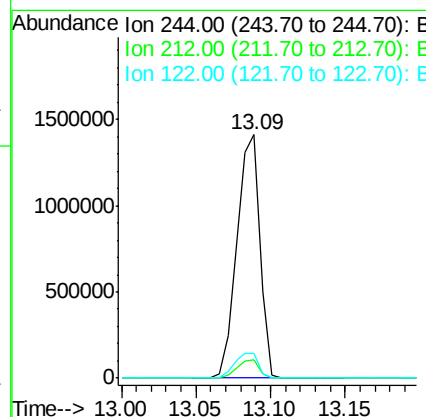
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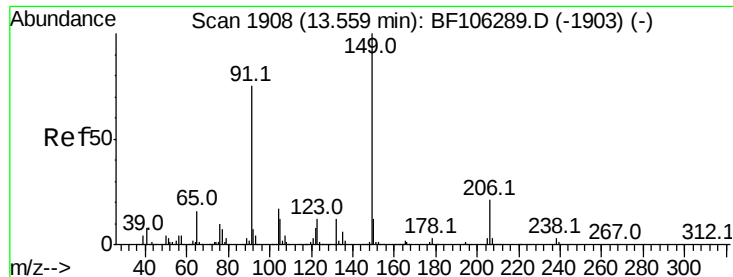
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#78
Terphenyl-d14
Concen: 99.369 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	10.0	11.0	16.4





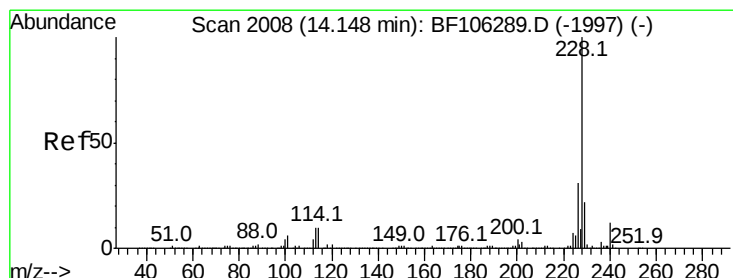
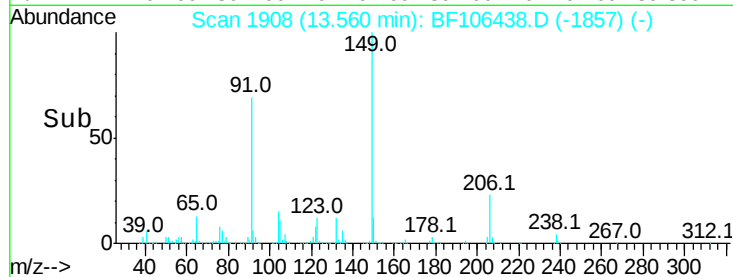
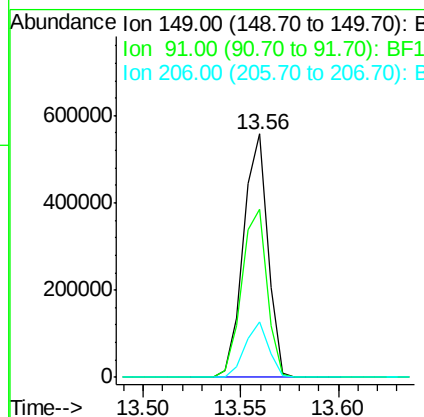
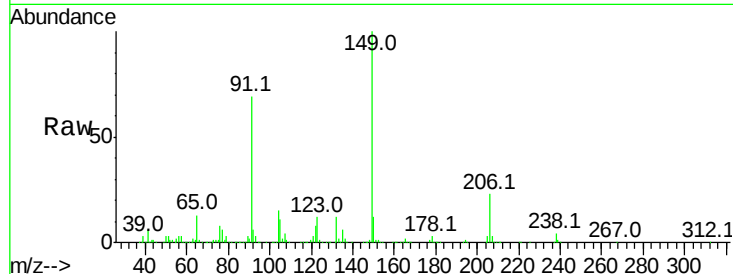
#79
Butylbenzylphthalate
Concen: 54.064 ng
RT: 13.56 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.8	85.2
206	22.7	14.1	21.1

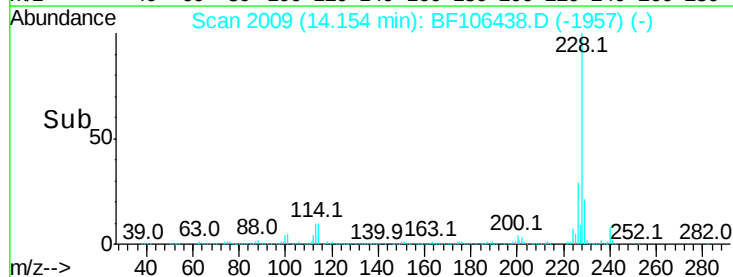
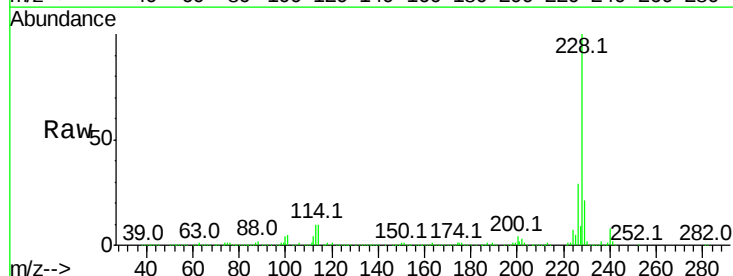
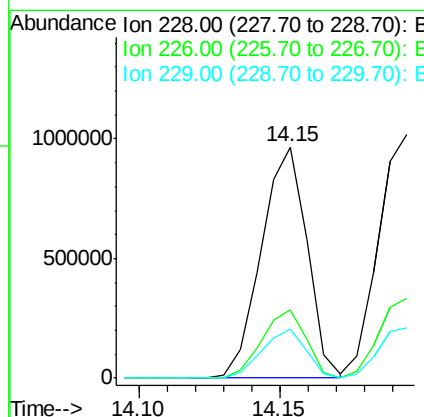
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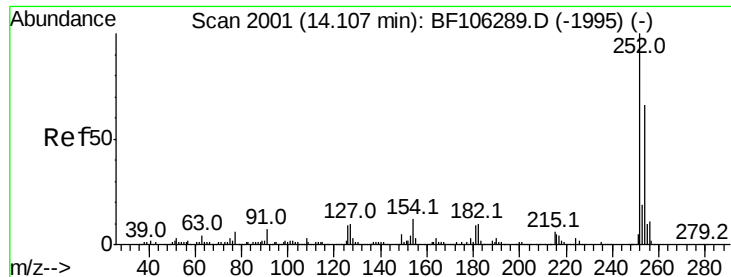
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#80
Benzo(a)anthracene
Concen: 47.275 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.3	15.8	23.6





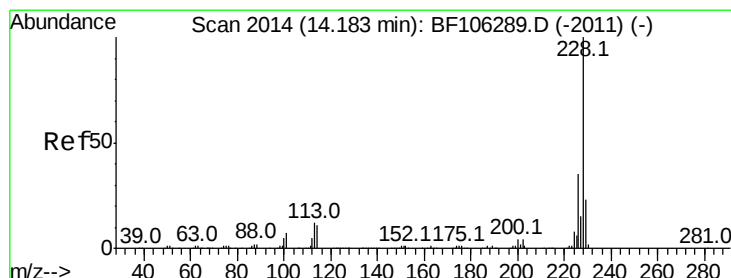
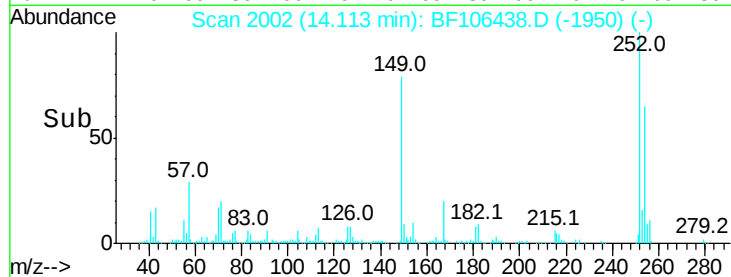
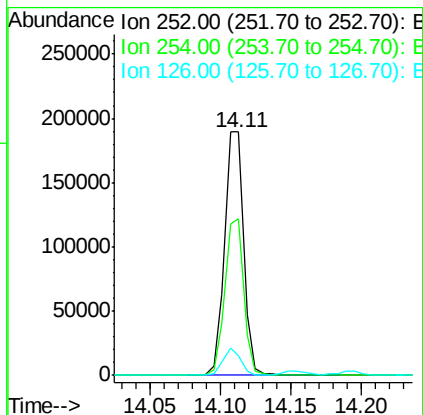
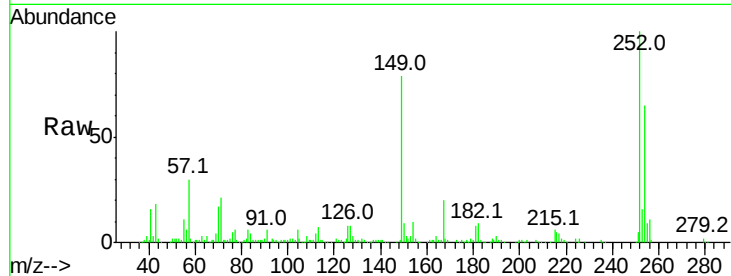
#81
 3,3'-Dichlorobenzidine
 Concen: 23.193 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	50.4	75.6
126	8.3	11.3	16.9

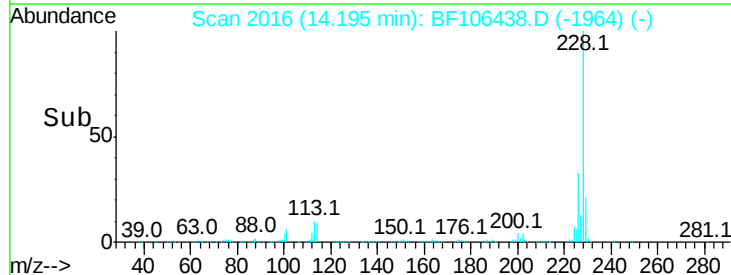
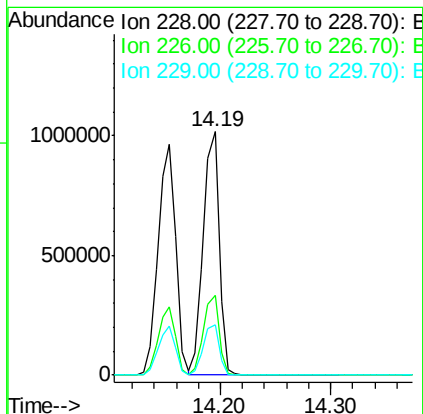
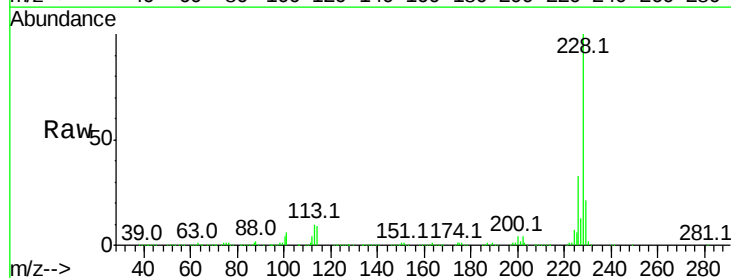
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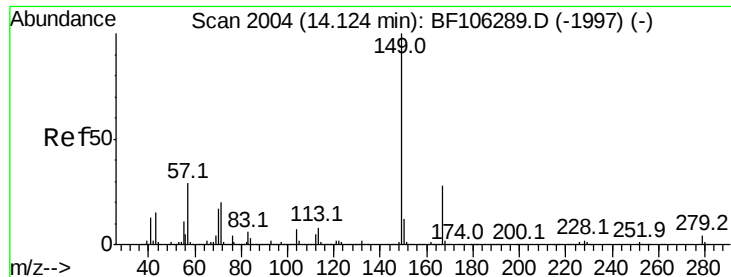
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#82
 Chrysene
 Concen: 47.579 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.6	25.0	37.6
229	20.9	16.2	24.4





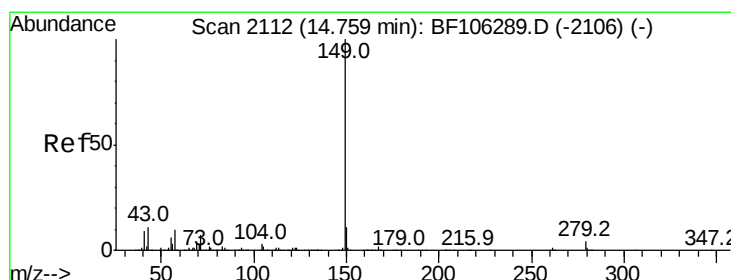
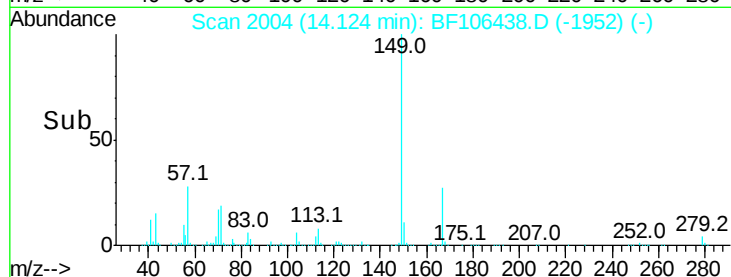
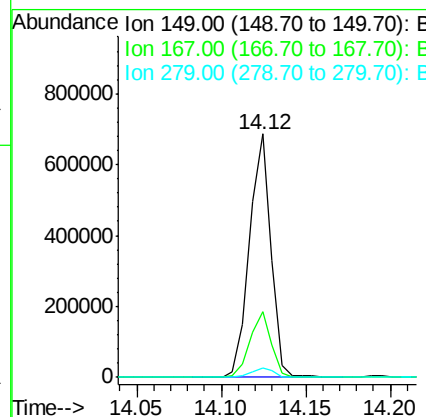
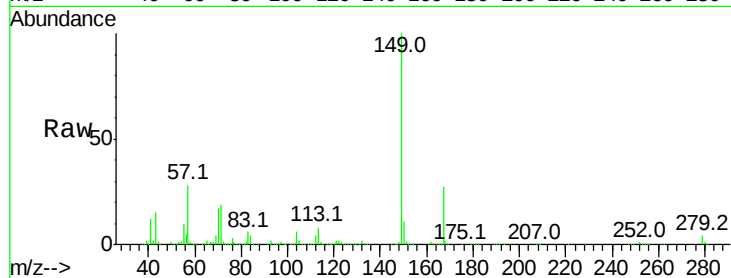
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.345 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	610652		
167	26.8	21.3	31.9	
279	4.1	3.0	4.4	

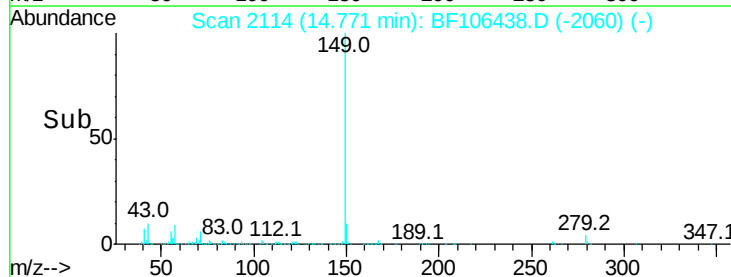
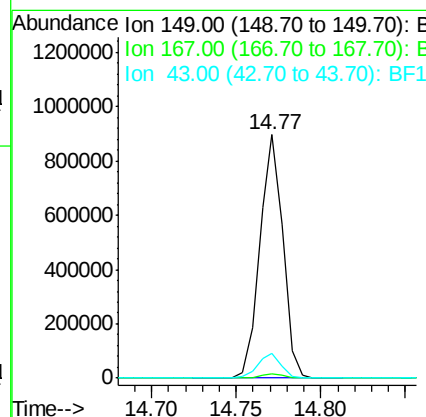
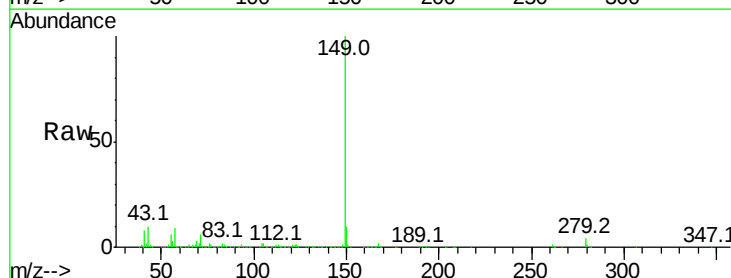
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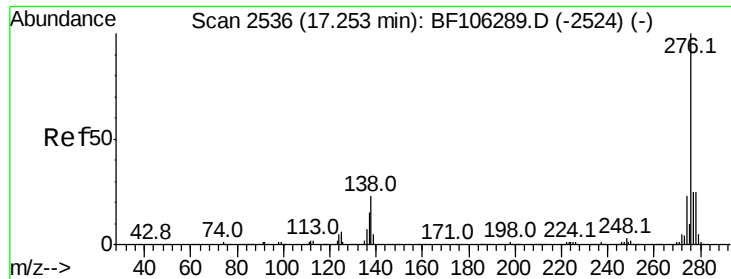
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#84
 Di-n-octyl phthalate
 Concen: 45.921 ng
 RT: 14.77 min Scan# 2114
 Delta R.T. 0.02 min
 Lab File: BF106438.D
 Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	853871		
167	1.7	1.2	1.8	
43	9.8	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 56.515 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.02 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

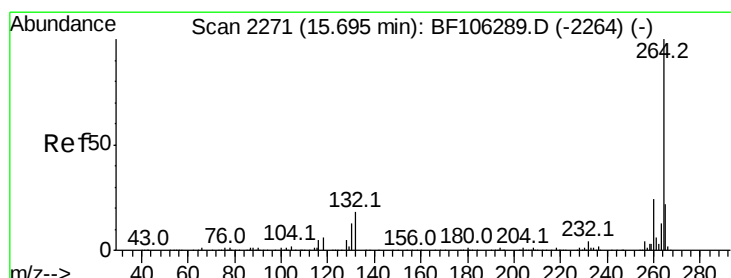
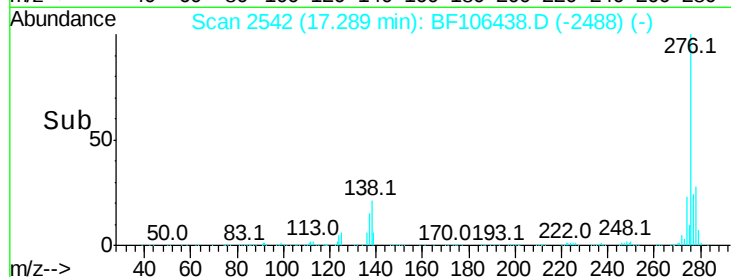
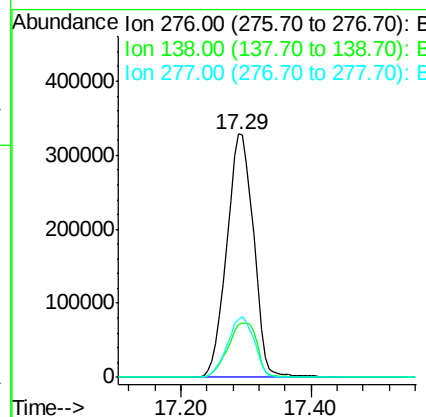
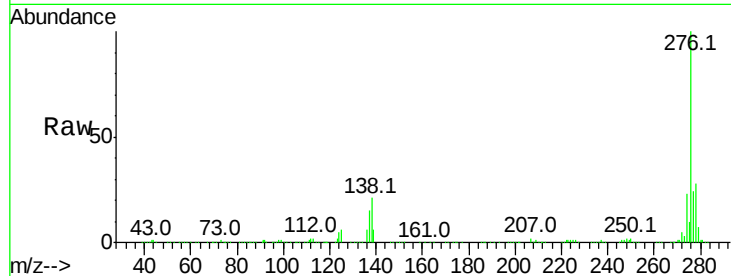
ClientSampleId :

PB110197BSD

Tot Ion:	276	Resp:	940644
Ion Ratio	Lower	Upper	
276	100		
138	24.3	25.0	37.6#
277	24.9	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

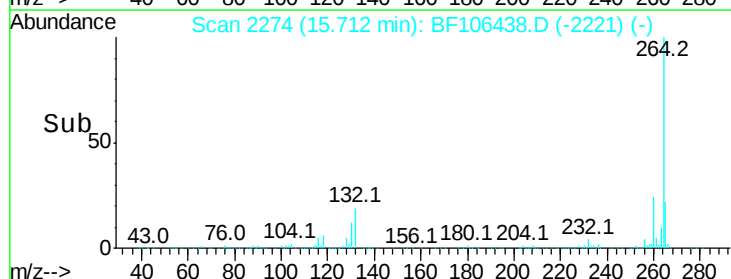
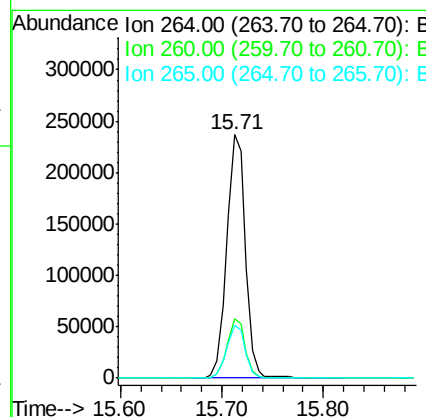
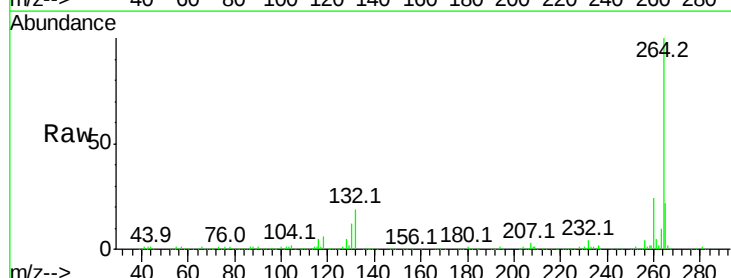
RT: 15.71 min Scan# 2274

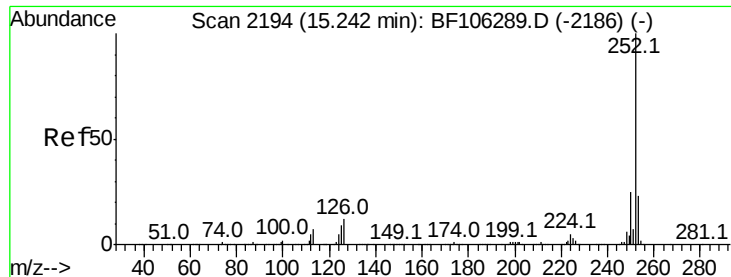
Delta R.T. 0.01 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Tgt Ion:	264	Resp:	302072
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3





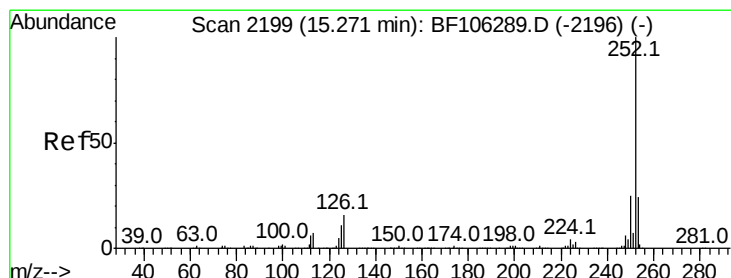
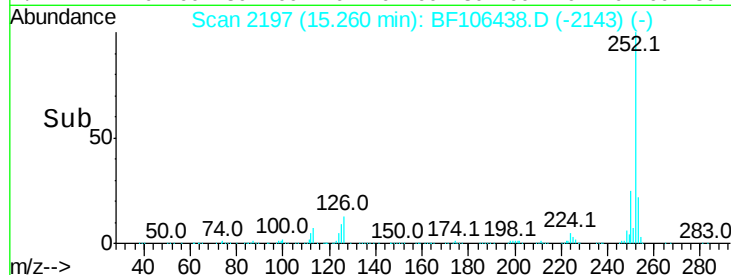
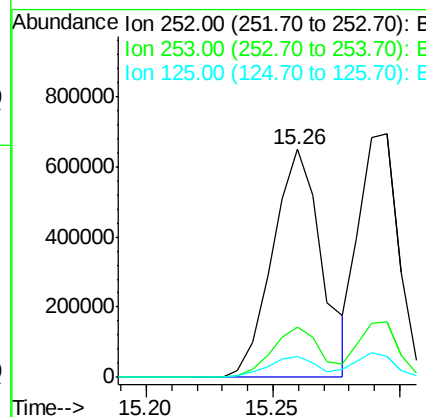
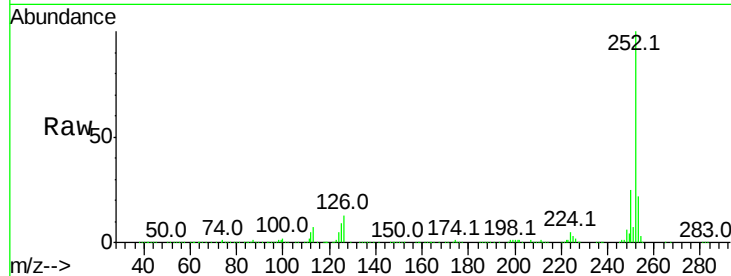
#87
Benzo(b)fluoranthene
Concen: 47.928 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.4	9.0	13.6

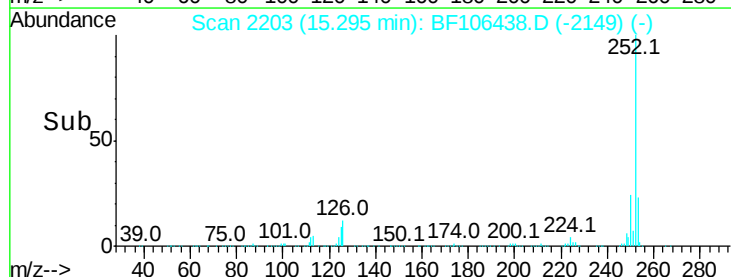
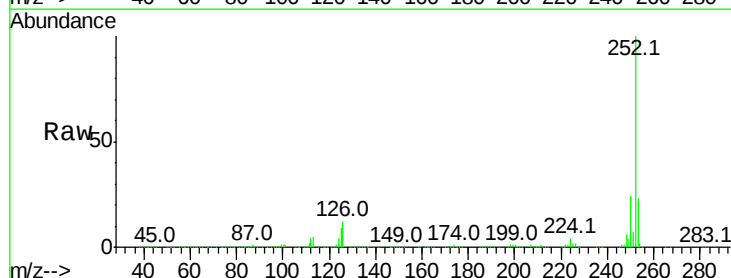
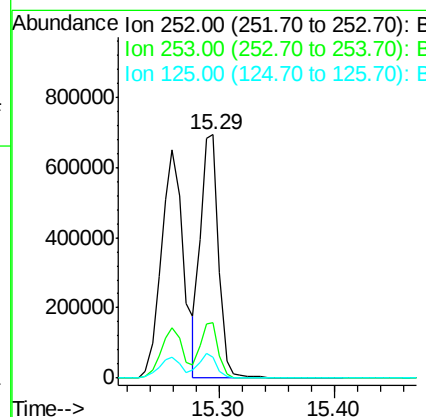
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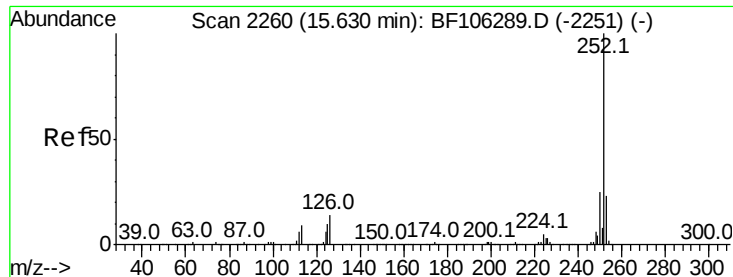
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#88
Benzo(k)fluoranthene
Concen: 42.111 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.02 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.8	10.2	15.2#





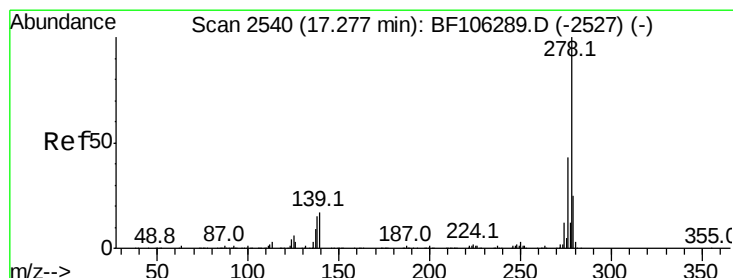
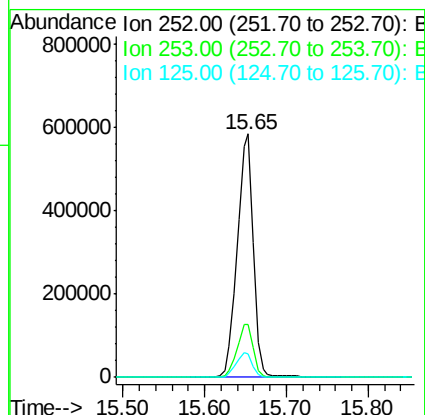
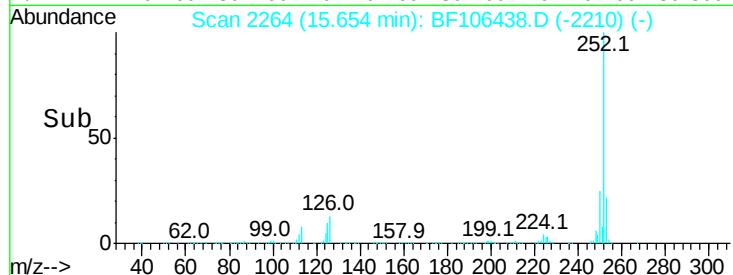
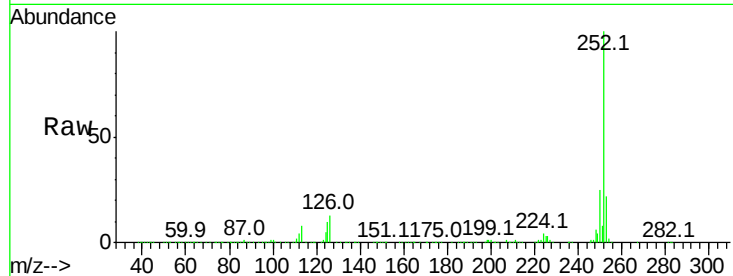
#89
Benzo(a)pyrene
Concen: 48.951 ng
RT: 15.65 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Instrument :
BNA_F
ClientSampleId :
PB110197BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.6	9.8	14.6

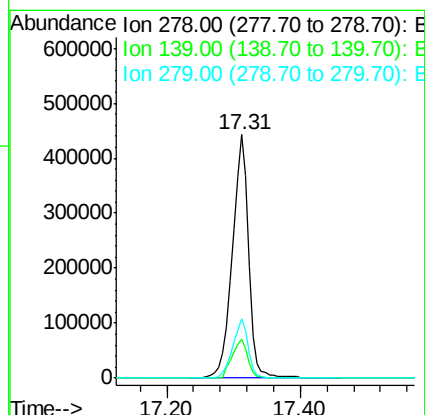
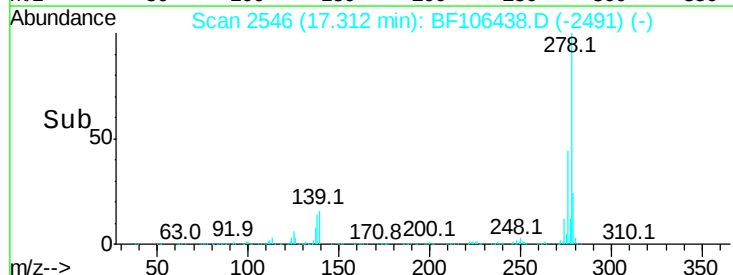
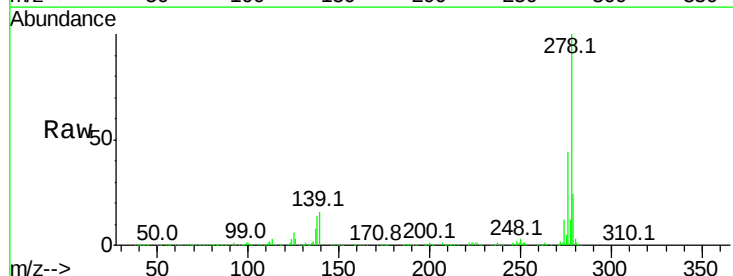
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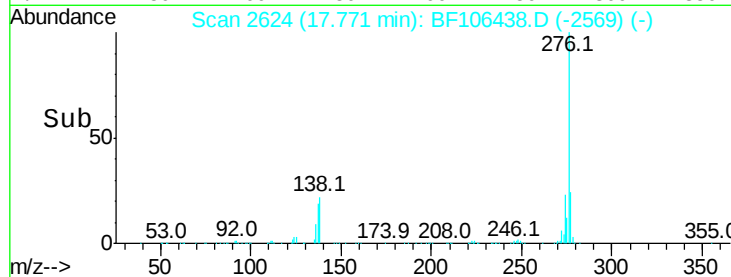
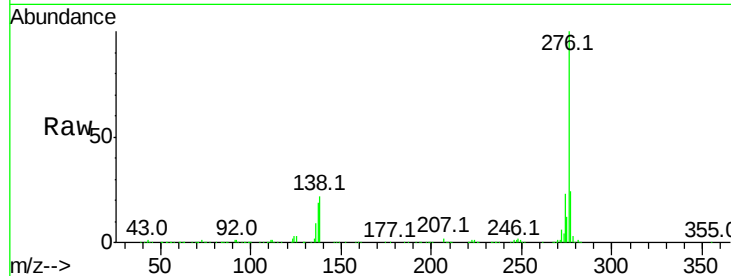
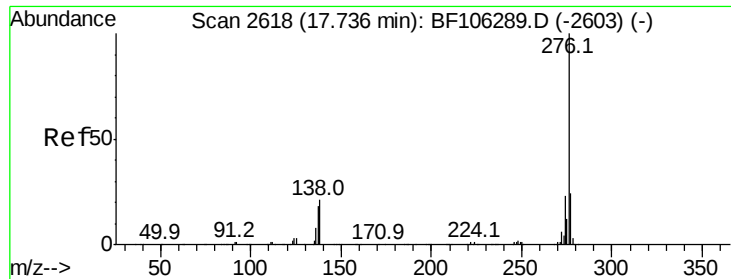
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#90
Dibenzo(a,h)anthracene
Concen: 56.016 ng
RT: 17.31 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF106438.D
Acq: 14 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.9	23.9
279	24.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 61.128 ng

RT: 17.77 min Scan# 2624

Delta R.T. 0.02 min

Lab File: BF106438.D

Acq: 14 Jun 2018 13:29

Instrument :

BNA_F

ClientSampleId :

PB110197BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	21.8	21.8	32.8

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