

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106365.D
 Acq On : 13 Jun 2018 00:59
 Operator : JU/SJ
 Sample : PB110114BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BS

Manual Integrations
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 6/13/2018 4:56:29 PM

Quant Time: Jun 13 04:46:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	150703	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	531037	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	215809	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	398097	20.00	ng	0.00
75) Chrysene-d12	14.16	240	370101	20.00	ng	0.00
86) Perylene-d12	15.69	264	265003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1068555	120.01	ng	0.04
7) Phenol-d6	6.62	99	1317305	117.10	ng	0.04
23) Nitrobenzene-d5	7.54	82	838090	92.84	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	291962	140.61	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1229757	111.17	ng	0.00
78) Terphenyl-d14	13.09	244	1377022	92.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	150889	32.744	ng	96
3) Pyridine	3.65	79	448296	34.909	ng	99
4) n-Nitrosodimethylamine	3.62	42	208627	35.463	ng	98
6) Aniline	6.64	93	193787	11.797	ng	# 2
8) 2-Chlorophenol	6.78	128	371700	38.818	ng	99
9) Benzaldehyde	6.53	77	274290	32.145	ng	99
10) Phenol	6.64	94	480046	39.088	ng	78
11) bis(2-Chloroethyl)ether	6.71	93	418957	39.850	ng	98
12) 1,3-Dichlorobenzene	6.92	146	431290	38.270	ng	99
13) 1,4-Dichlorobenzene	7.00	146	435788	38.105	ng	99
14) 1,2-Dichlorobenzene	7.15	146	395906	36.774	ng	98
15) Benzyl Alcohol	7.12	79	333438	34.610	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	581513	38.586	ng	54
17) 2-Methylphenol	7.25	107	318629	37.297	ng	# 87
18) Hexachloroethane	7.49	117	133291	32.710	ng	91
19) n-Nitroso-di-n-propylamine	7.38	70	285824	33.866	ng	96
20) 3+4-Methylphenols	7.41	107	440682	40.336	ng	91
22) Acetophenone	7.38	105	531587	39.722	ng	# 98
24) Nitrobenzene	7.56	77	414150	42.212	ng	98
25) Isophorone	7.80	82	749739	42.523	ng	96
26) 2-Nitrophenol	7.87	139	187704	49.289	ng	95
27) 2,4-Dimethylphenol	7.92	122	333099	44.626	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	482345	42.190	ng	99
29) 2,4-Dichlorophenol	8.14	162	322637	44.804	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	324002	40.128	ng	95
31) Naphthalene	8.28	128	979055	40.784	ng	99
32) Benzoic acid	8.04	122	169915	33.466	ng	93
33) 4-Chloroaniline	8.33	127	90187	8.478	ng	96
34) Hexachlorobutadiene	8.39	225	219123	42.243	ng	98
35) Caprolactam	8.70	113	94530	38.810	ng	95
36) 4-Chloro-3-methylphenol	8.83	107	303419	38.091	ng	96
37) 2-Methylnaphthalene	8.97	142	650438	39.781	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	326829	46.651	ng	# 96
40) Hexachlorocyclopentadiene	9.12	237	41293	10.683	ng	93

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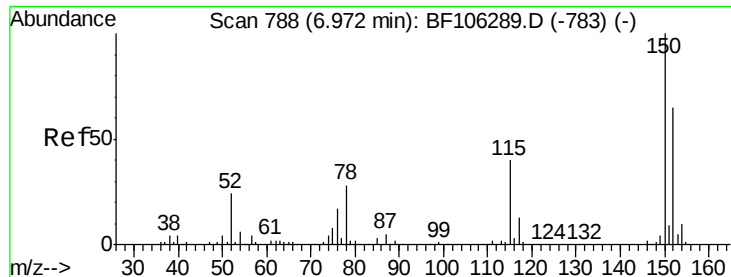
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 6/13/2018 4:56:29 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.26	196	210863	47.230	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	177371m	36.852	nq	
45) 1,1'-Biphenyl	9.44	154	741949	44.387	nq	99
46) 2-Chloronaphthalene	9.47	162	577366	43.162	nq	96
47) 2-Nitroaniline	9.56	65	198352	47.136	nq	89
48) Acenaphthylene	9.88	152	892143	43.573	nq	98
49) Dimethylphthalate	9.73	163	711229	46.129	nq	99
50) 2,6-Dinitrotoluene	9.80	165	140369	44.569	nq	90
51) Acenaphthene	10.05	154	527698	39.908	nq	99
52) 3-Nitroaniline	9.97	138	89815	24.027	nq	100
53) 2,4-Dinitrophenol	10.08	184	44878	36.308	nq	# 17
54) Dibenzofuran	10.22	168	742709	41.712	nq	97
55) 4-Nitrophenol	10.18	139	200763	70.070	nq	91
56) 2,4-Dinitrotoluene	10.20	165	173548	43.881	nq	98
57) Fluorene	10.57	166	572271	40.565	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	167326	43.863	nq	# 85
59) Diethylphthalate	10.43	149	655292	42.820	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	308324	41.553	nq	92
61) 4-Nitroaniline	10.58	138	128760	35.404	nq	98
62) Azobenzene	10.72	77	631410	39.568	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	40341	22.616	nq	90
65) n-Nitrosodiphenylamine	10.68	169	540667	40.410	nq	95
66) 4-Bromophenyl-phenylether	11.05	248	198659	43.875	nq	# 85
67) Hexachlorobenzene	11.12	284	196208	42.032	nq	# 84
68) Atrazine	11.20	200	177266	42.993	nq	96
69) Pentachlorophenol	11.32	266	174922	60.865	nq	97
70) Phenanthrene	11.54	178	825073	42.319	nq	98
71) Anthracene	11.59	178	855694	43.810	nq	99
72) Carbazole	11.74	167	774074	42.928	nq	98
73) Di-n-butylphthalate	12.06	149	929281	46.305	nq	99
74) Fluoranthene	12.72	202	956806	46.018	nq	98
76) Benzidine	12.85	184	686177	55.708	nq	99
77) Pyrene	12.96	202	978107	42.213	nq	97
79) Butylbenzylphthalate	13.57	149	445229	51.333	nq	# 95
80) Benzo(a)anthracene	14.15	228	917112	41.641	nq	97
81) 3,3'-Dichlorobenzidine	14.11	252	317608	42.741	nq	# 97
82) Chrysene	14.19	228	842387	41.892	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	606284	48.752	nq	100
84) Di-n-octyl phthalate	14.75	149	1001812	55.879	nq	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	634916	39.563	nq	93
87) Benzo(b)fluoranthene	15.24	252	701635	43.800	nq	96
88) Benzo(k)fluoranthene	15.27	252	687037	43.306	nq	# 97
89) Benzo(a)pyrene	15.63	252	637303	44.231	nq	97
90) Dibenzo(a,h)anthracene	17.29	278	537804	44.771	nq	96
91) Benzo(g,h,i)perylene	17.75	276	534232	45.763	nq	# 93

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



#1

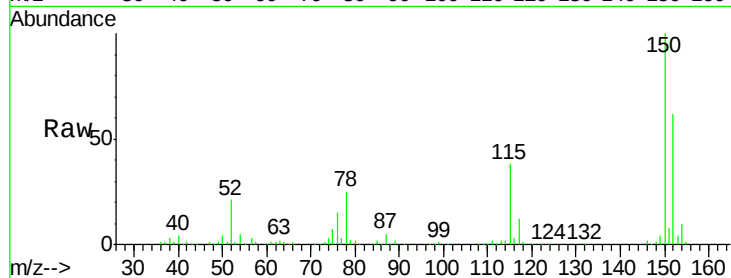
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

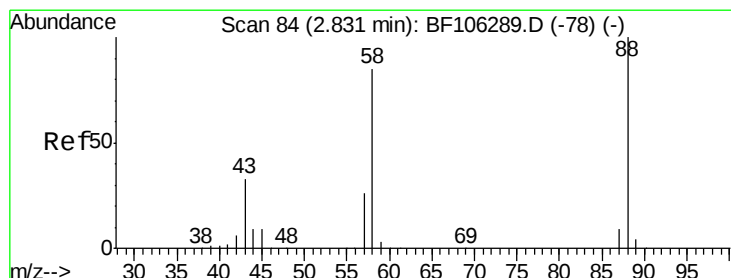
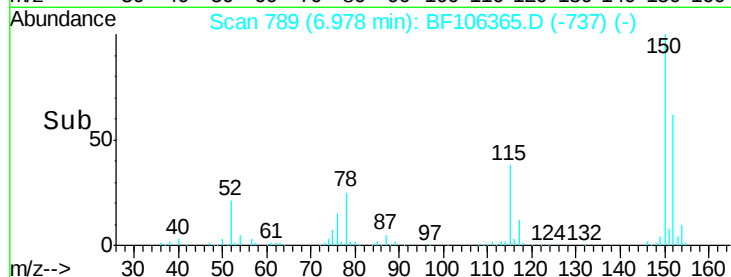
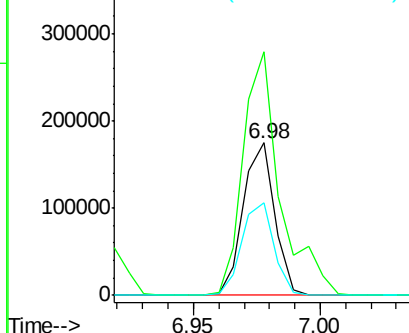
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	61.2	50.1	75.1

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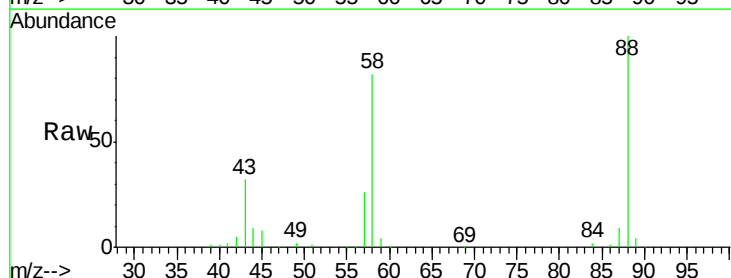
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



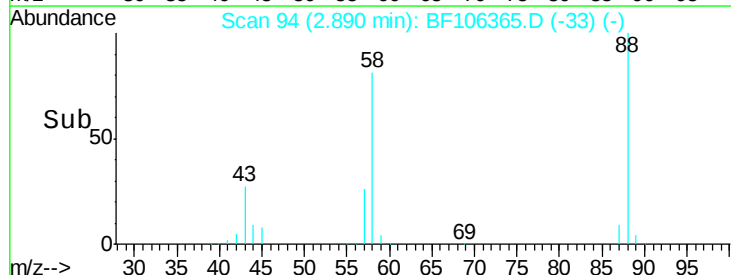
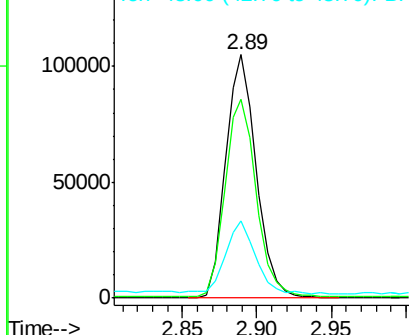
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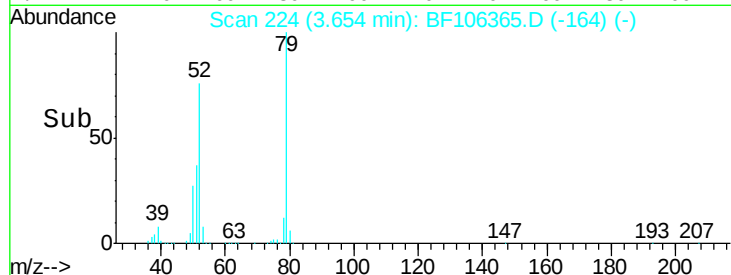
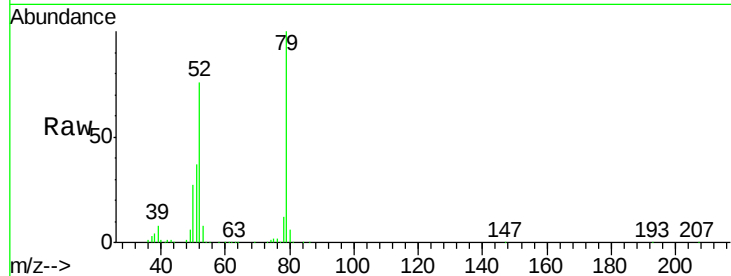
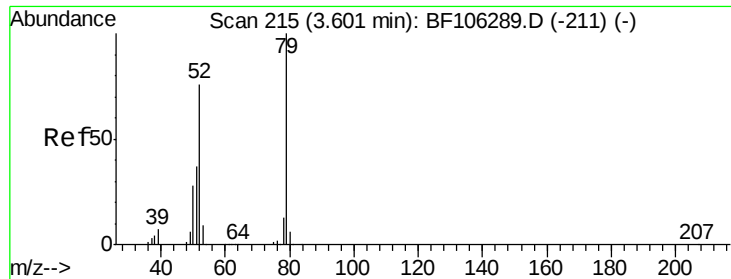
1,4-Dioxane
Concen: 32.744 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	62.6	93.8
43	30.0	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





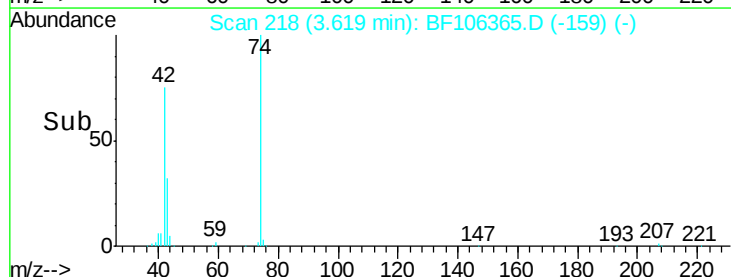
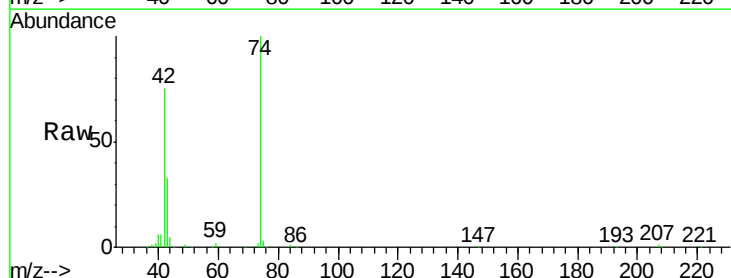
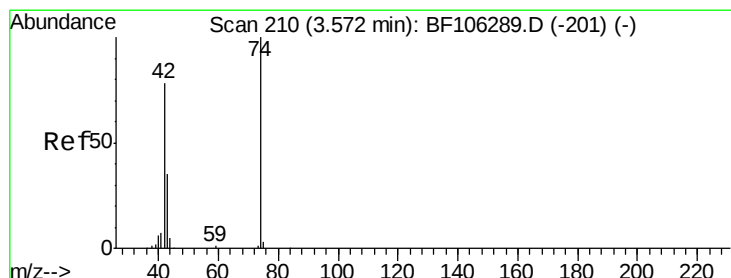
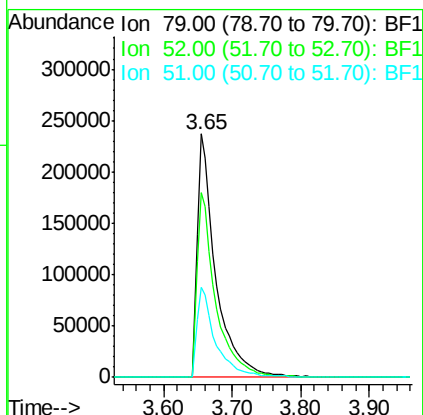
#3
 Pvridine
 Concen: 34.909 ng
 RT: 3.65 min Scan# 224
 Delta R.T. 0.05 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.9	59.8	89.6
51	36.9	29.8	44.8

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 PB110114BS

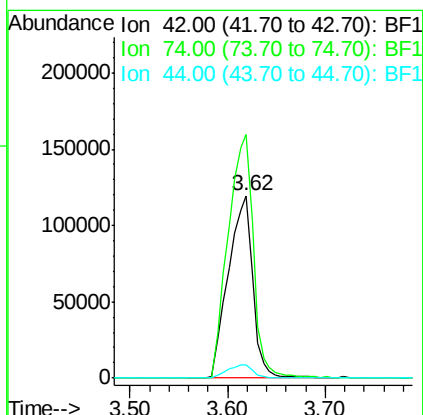
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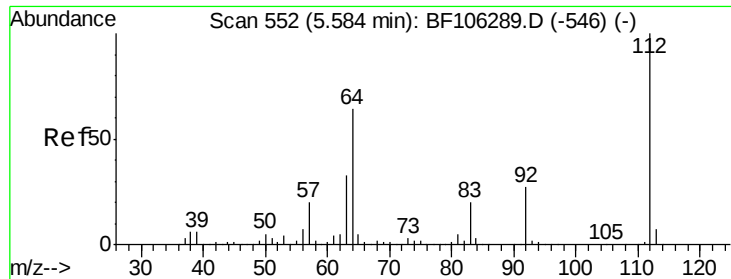
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#4
 n-Nitrosodimethylamine
 Concen: 35.463 ng
 RT: 3.62 min Scan# 218
 Delta R.T. 0.05 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.5	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 120.006 ng

RT: 5.62 min Scan# 559

Delta R.T. 0.04 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

ClientSampleId :

PB110114BS

Tot Ion:112 Resp: 1068555

Ion Ratio Lower Upper

112 100

64 62.2 47.9 71.9

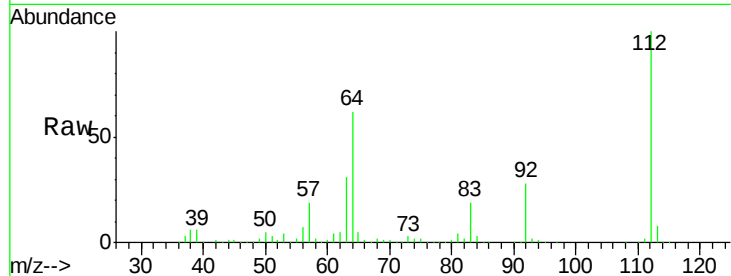
63 31.5 23.7 35.5

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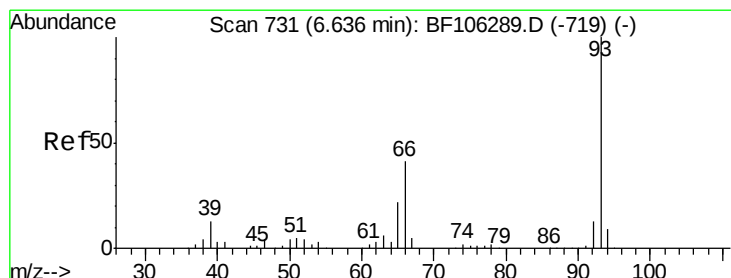
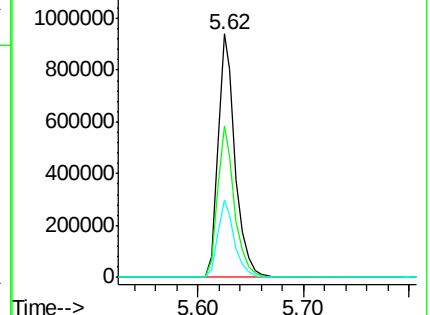
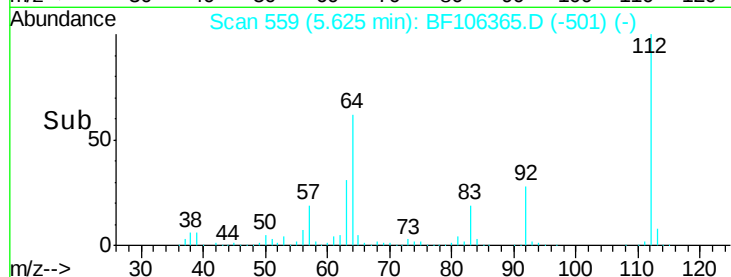
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.797 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

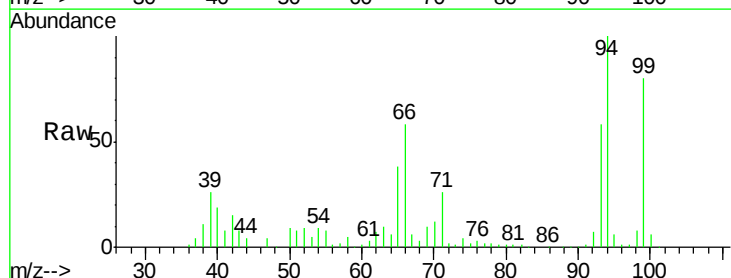
Tgt Ion: 93 Resp: 193787

Ion Ratio Lower Upper

93 100

66 100.6 32.2 48.2#

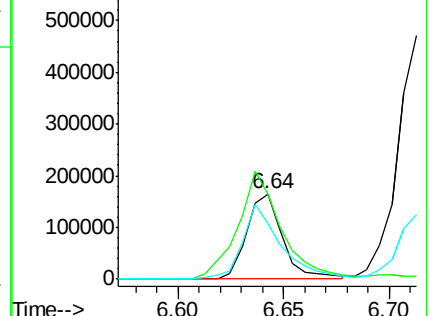
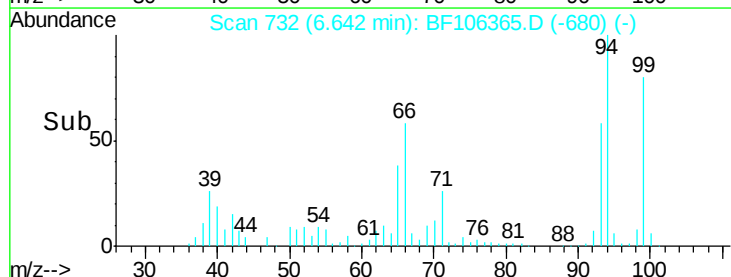
65 65.9 16.4 24.6#

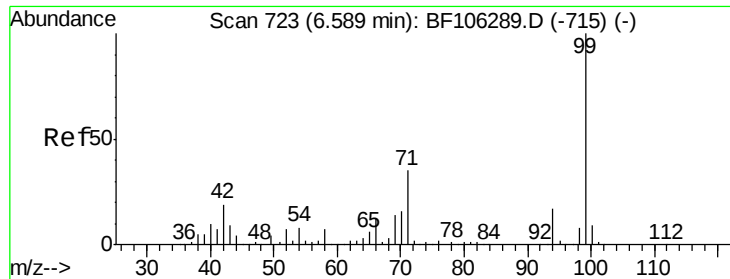


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.098 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.04 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

ClientSampleId :

PB110114BS

Tot Ion: 99 Resp: 1317305

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

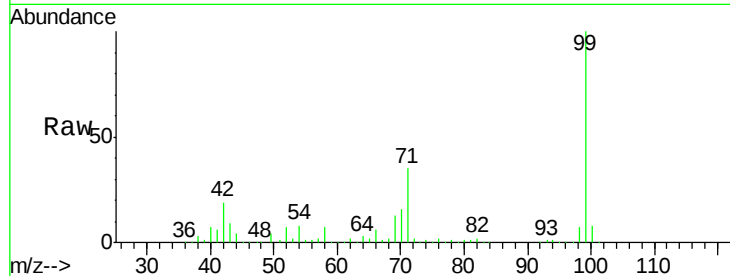
71 35.1 25.4 38.0

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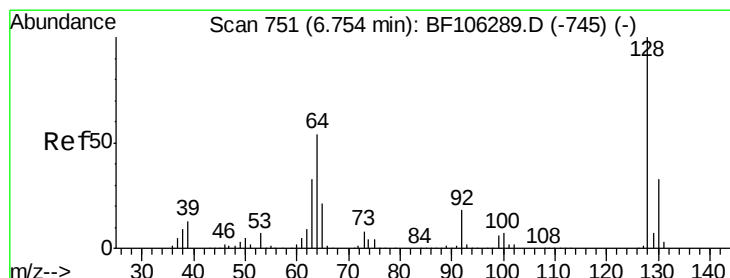
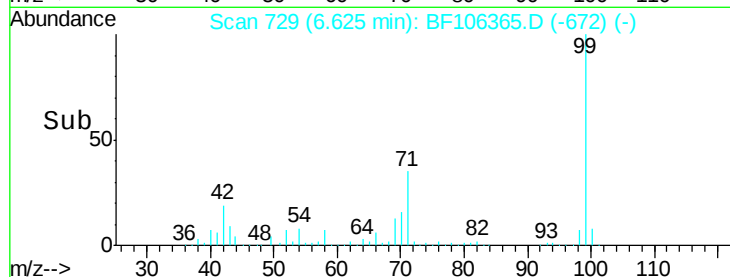
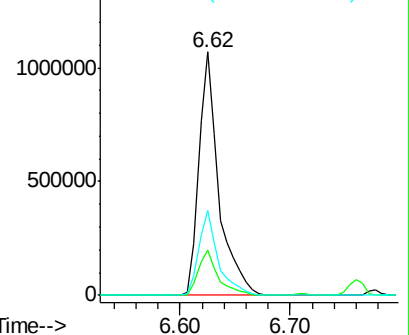
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.818 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

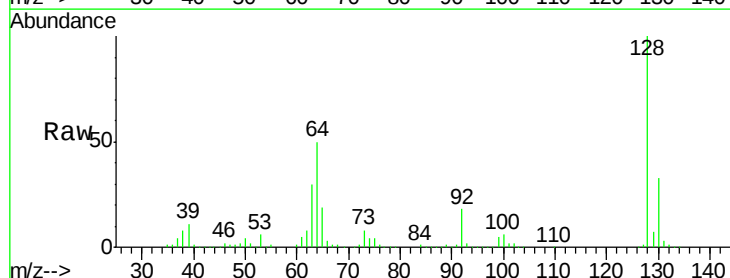
Tgt Ion:128 Resp: 371700

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

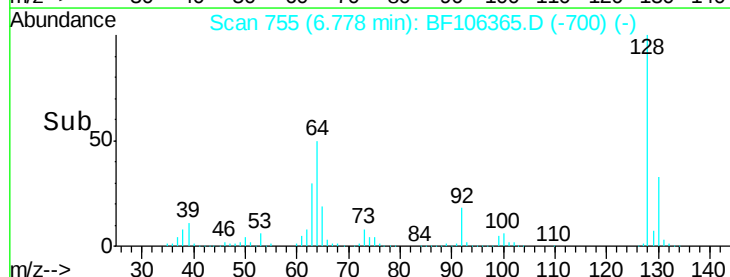
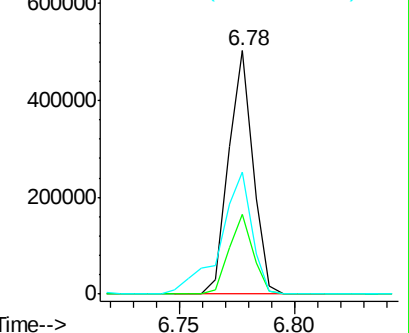
64 50.1 29.4 69.4

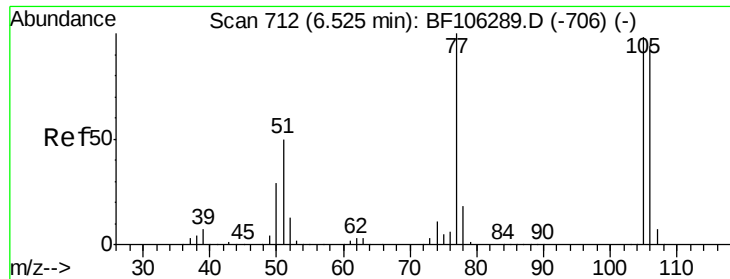


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.145 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

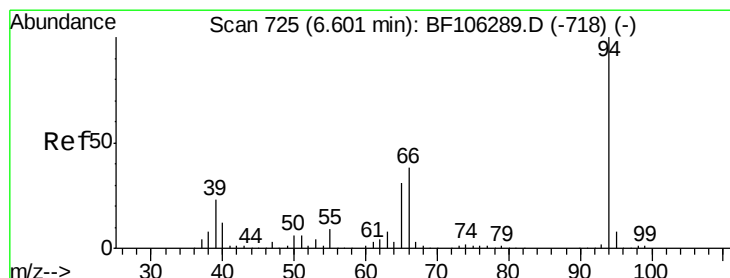
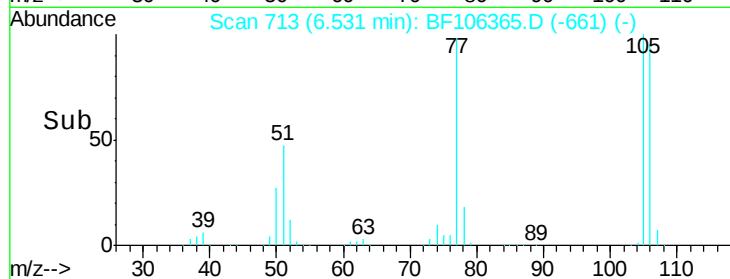
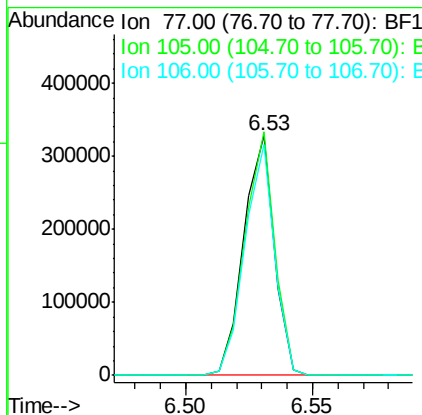
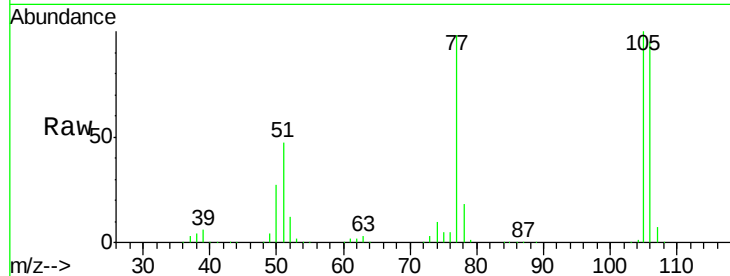
ClientSampleId :

PB110114BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.7	81.1	121.1
106	96.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.088 ng

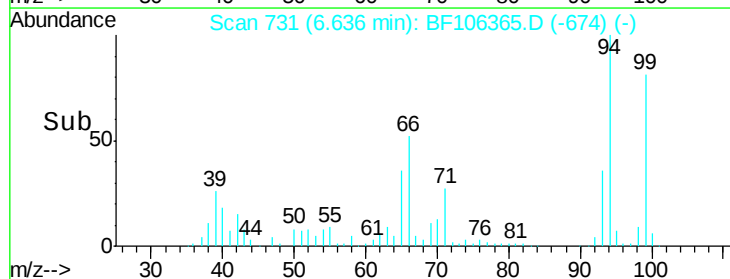
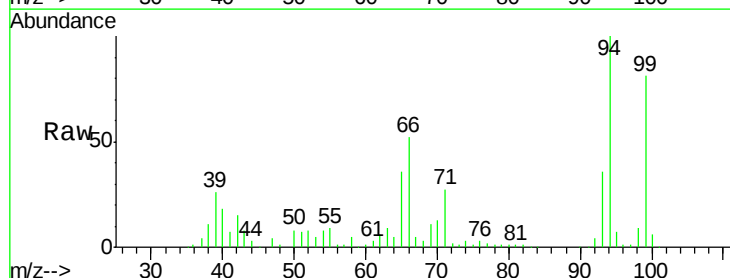
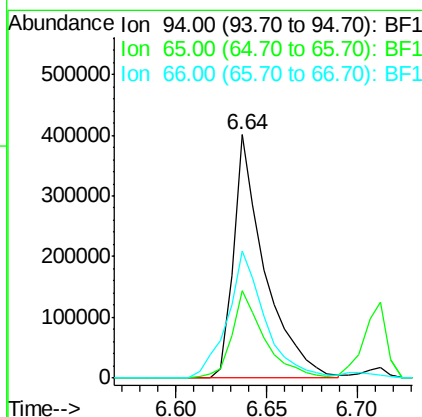
RT: 6.64 min Scan# 731

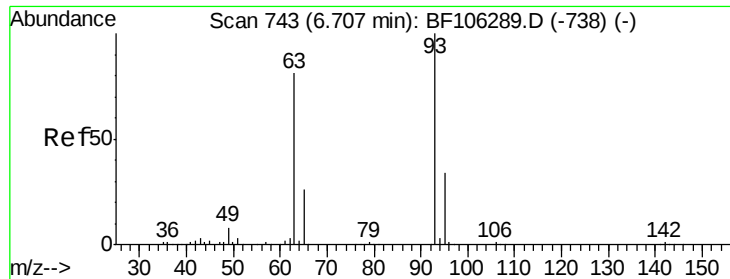
Delta R.T. 0.04 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.0	7.9	47.9
66	52.3	16.2	56.2





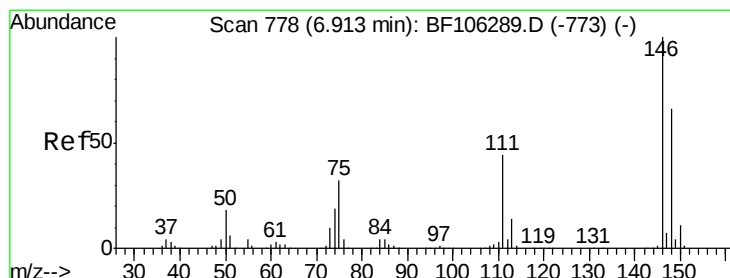
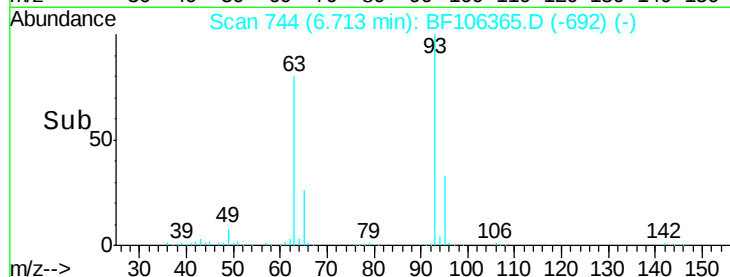
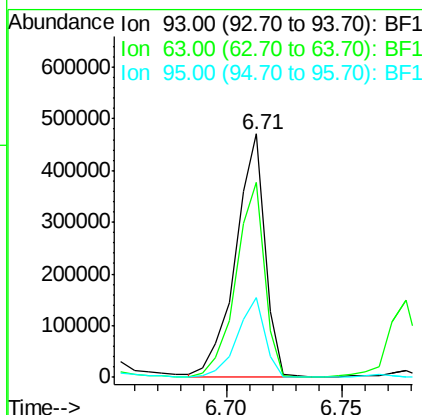
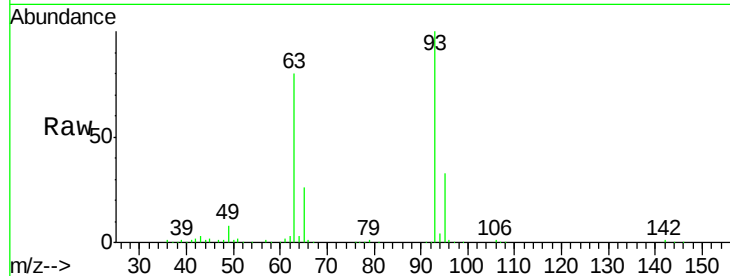
#11
bis(2-Chloroethyl)ether
Concen: 39.850 ng
RT: 6.71 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion:	93	Resp:	418957
Ion Ratio	Lower	Upper	
93	100		
63	80.0	58.6	98.6
95	32.8	11.8	51.8

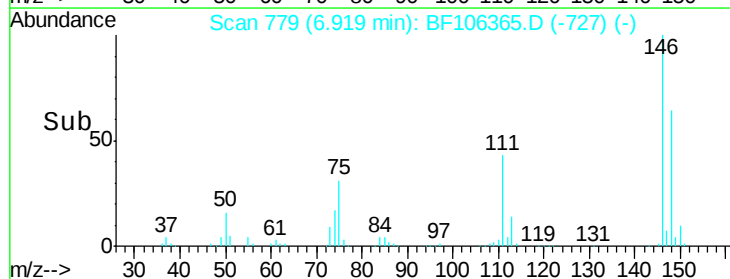
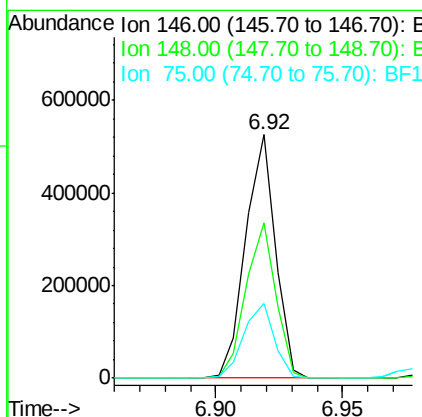
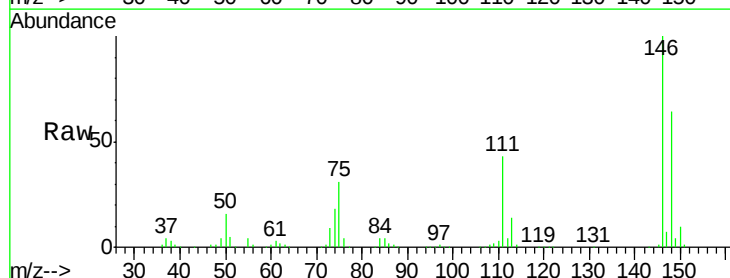
Manual Integrations
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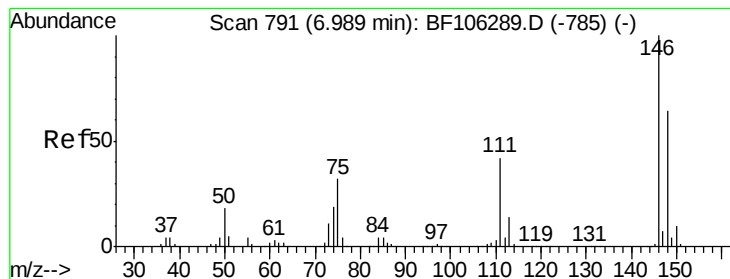
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.270 ng
RT: 6.92 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion:	146	Resp:	431290
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.8
75	30.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.105 ng

RT: 7.00 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

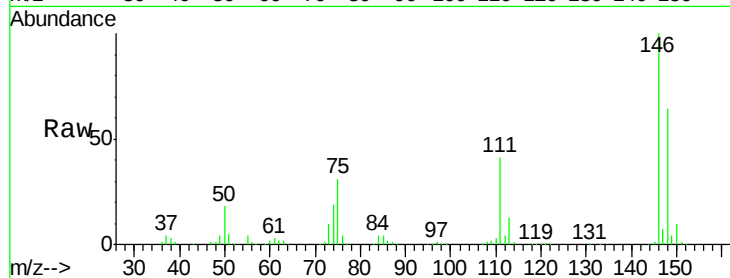
ClientSampleId :

PB110114BS

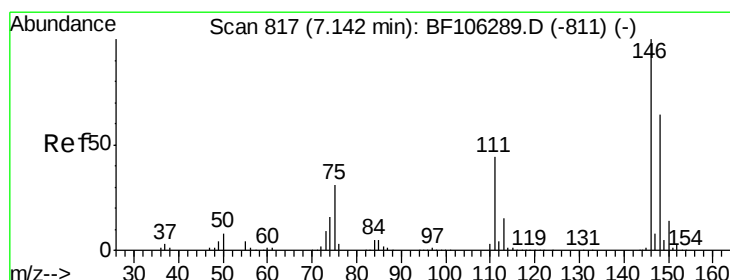
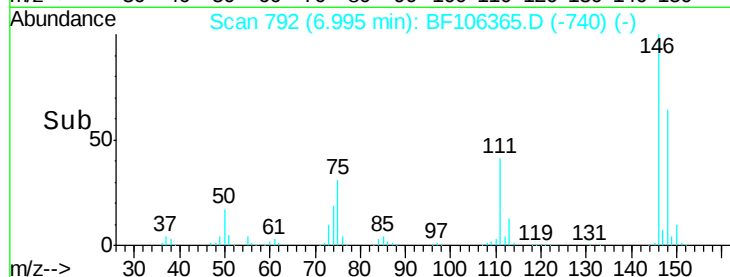
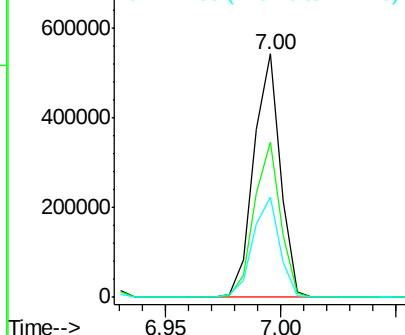
Tot Ion:	146	Resp:	435788
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	41.3	34.2	51.2

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.774 ng

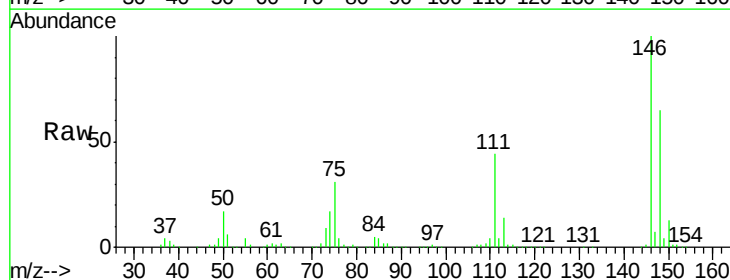
RT: 7.15 min Scan# 818

Delta R.T. 0.01 min

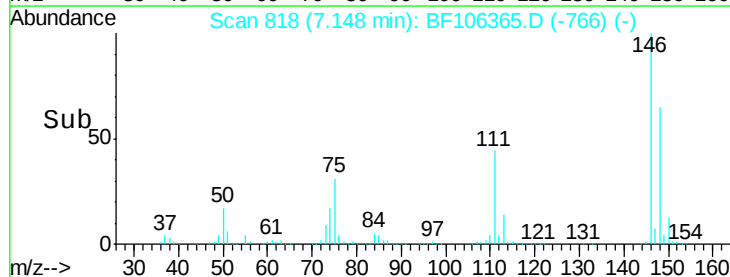
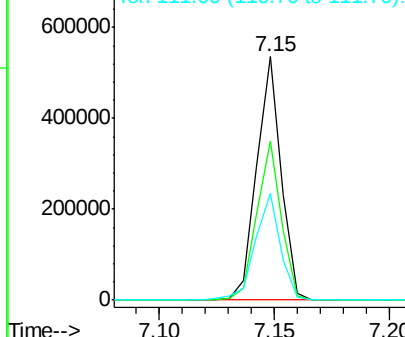
Lab File: BF106365.D

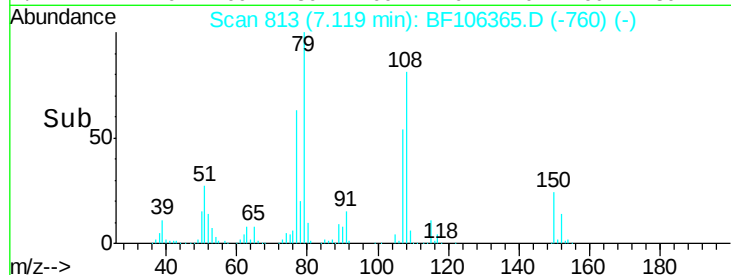
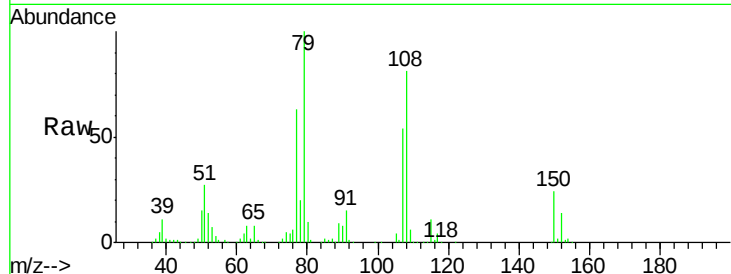
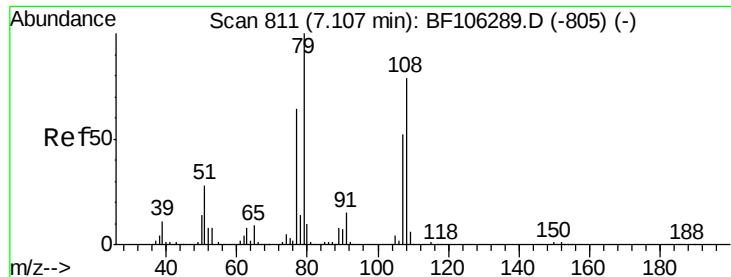
Acq: 13 Jun 2018 00:59

Tgt Ion:	146	Resp:	395906
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.6	75.8
111	43.6	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





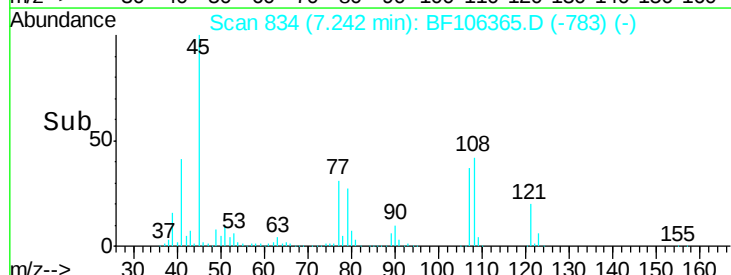
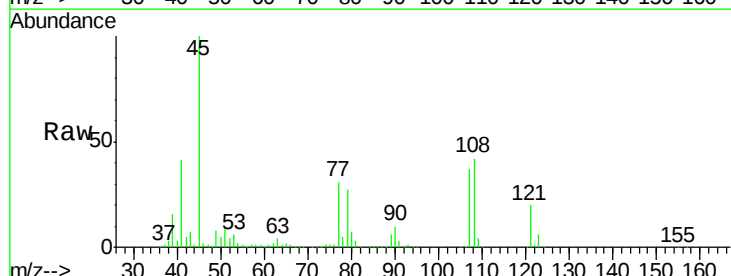
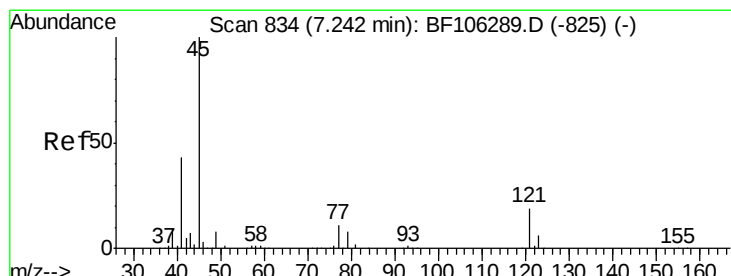
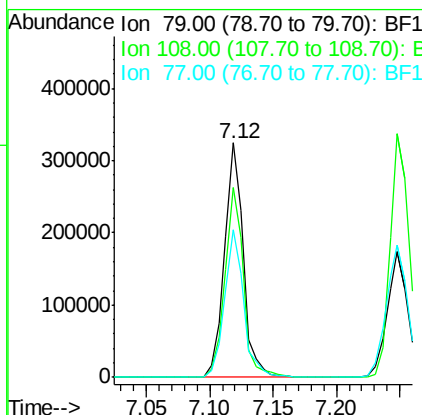
#15
Benzyl Alcohol
Concen: 34.610 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tot Ion	Ratio	Resp	Lower	Upper
79	100	333438		
108	80.8	65.1	97.7	
77	62.9	50.6	75.8	

Instrument :
BNA_F
ClientSampled :
PB110114BS

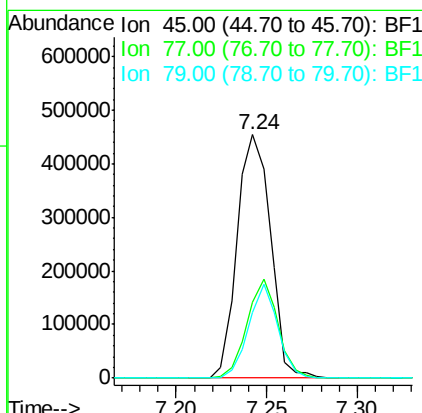
Manual Integrations
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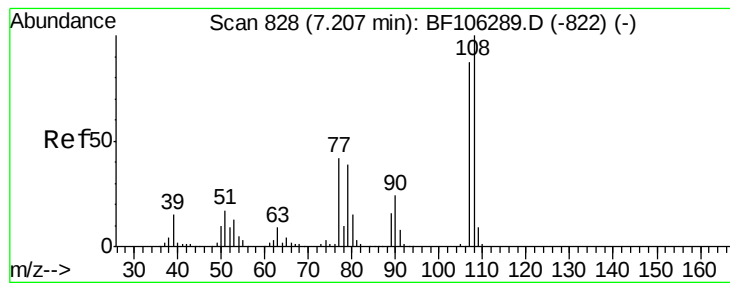
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.586 ng
RT: 7.24 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	581513		
77	31.0	0.0	32.9	
79	27.1	0.0	29.6	





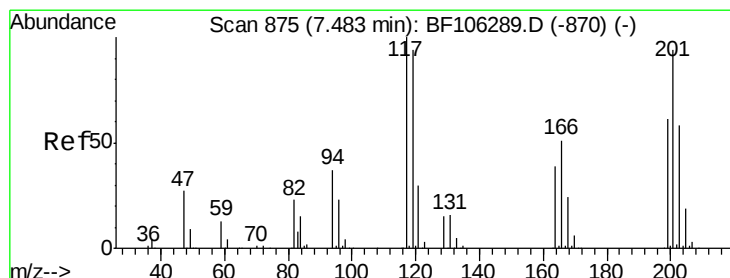
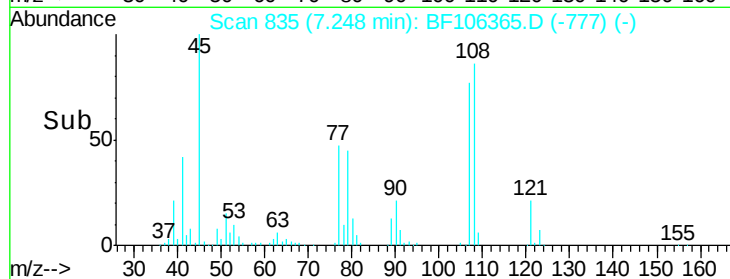
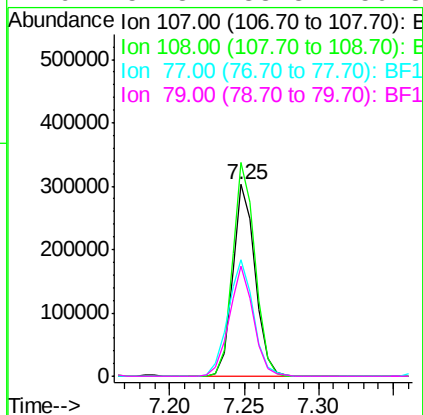
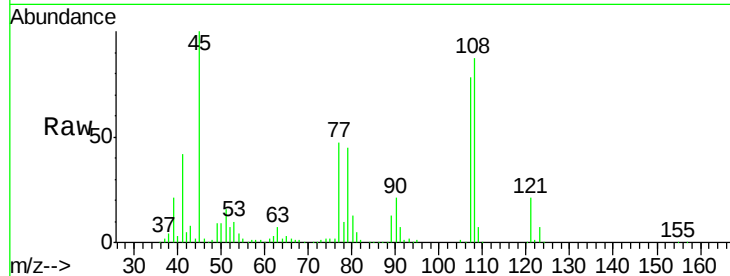
#17
2-Methylphenol
Concen: 37.297 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.04 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampled :
PB110114BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.7	137.5
77	60.9	33.8	50.8#
79	57.8	33.8	50.8#

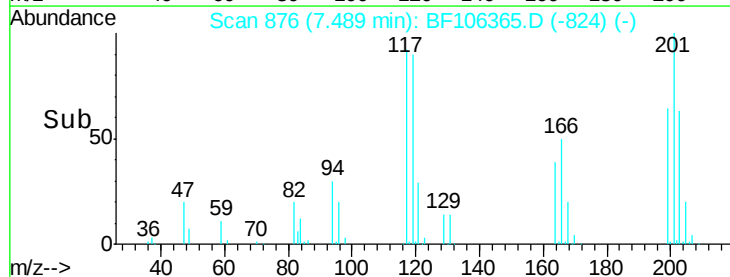
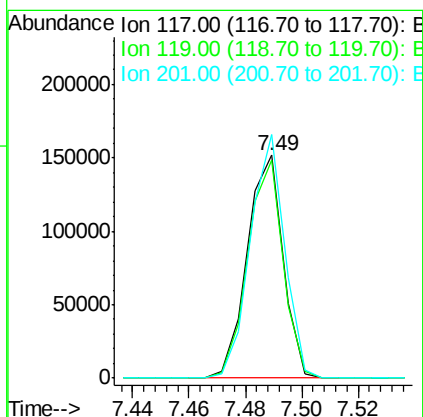
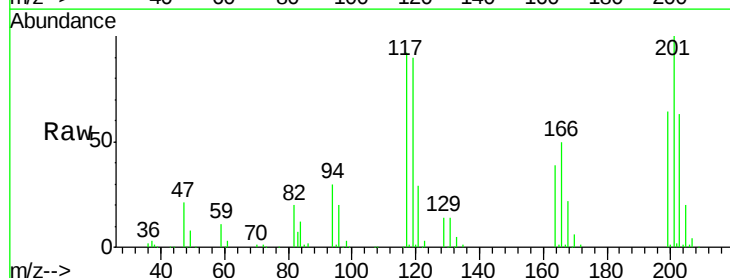
Manual Integrations
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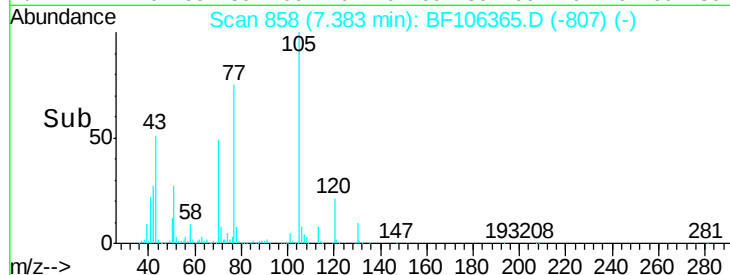
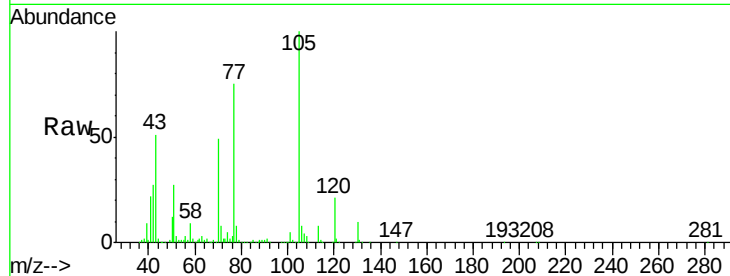
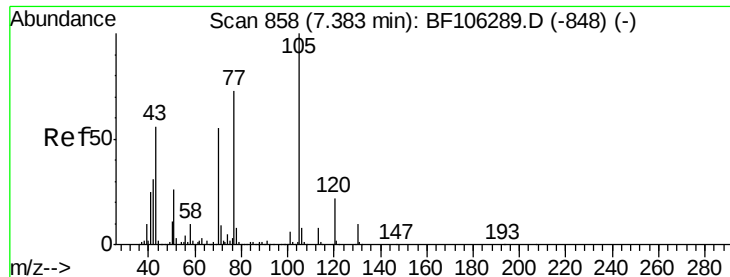
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#18
Hexachloroethane
Concen: 32.710 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
201	109.1	75.7	113.5





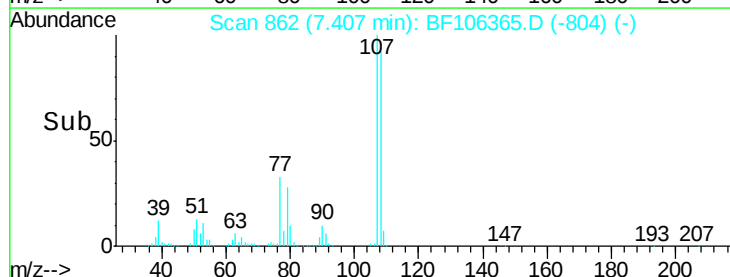
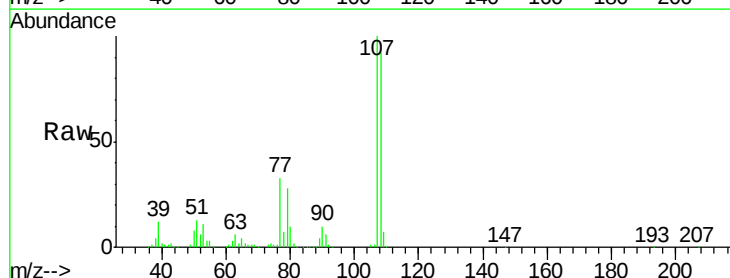
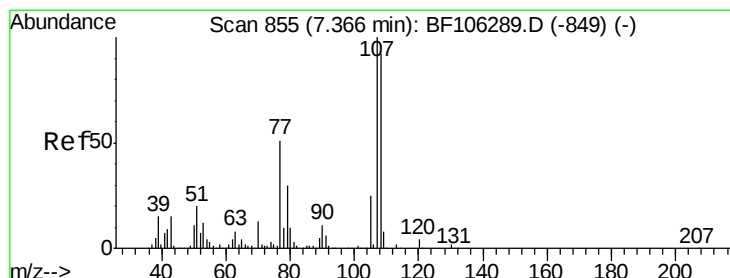
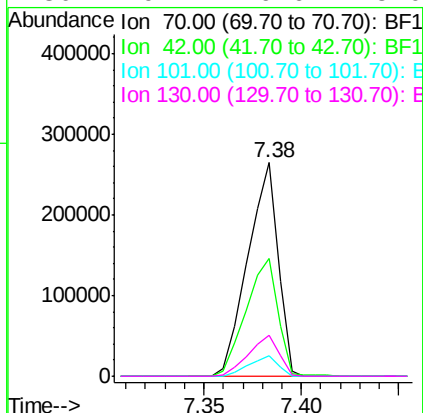
#19
n-Nitroso-di-n-propylamine
Concen: 33.866 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.5	71.3
101	9.6	7.4	11.2
130	19.4	16.6	25.0

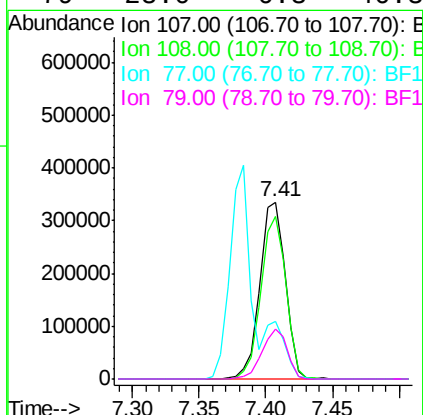
Manual Integrations
APPROVED

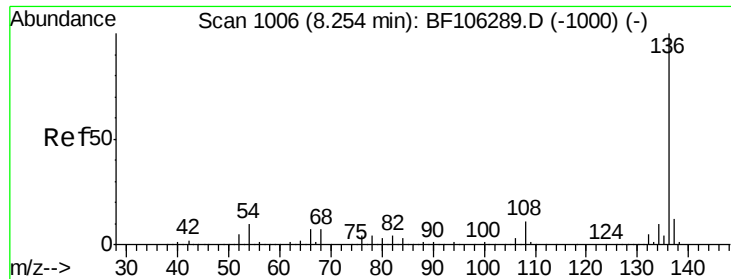
Sohil
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#20
3+4-Methylphenols
Concen: 40.336 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.04 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	32.7	26.7	66.7
79	28.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

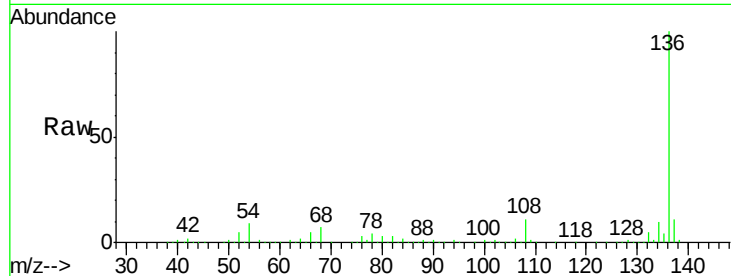
ClientSampleId :

PB110114BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	531037		
137	11.2	8.9	13.3	
54	8.7	6.6	9.8	
68	6.9	5.0	7.4	

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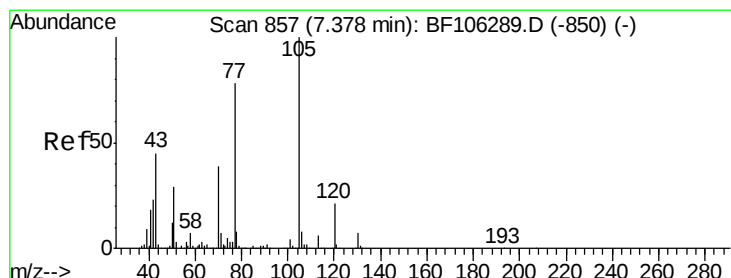
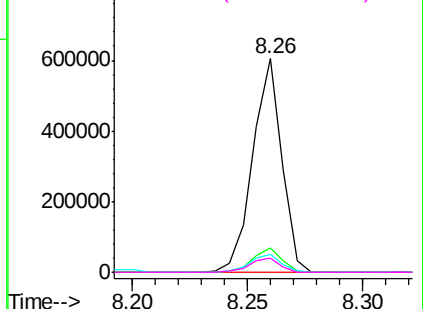
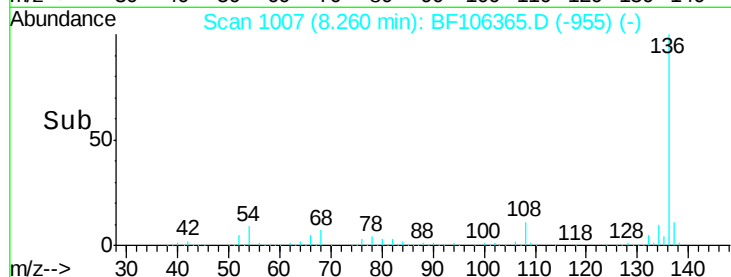


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.722 ng

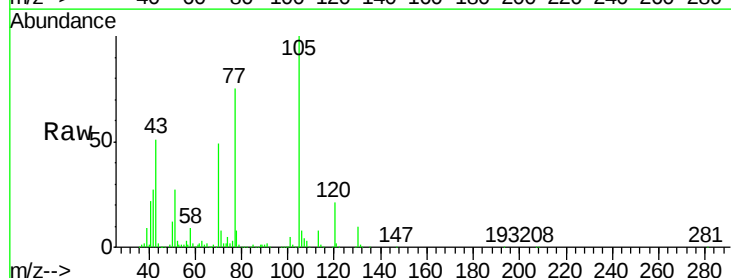
RT: 7.38 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	531587		
71	8.0	4.4	6.6#	
51	27.0	22.3	33.5	
120	21.2	16.9	25.3	

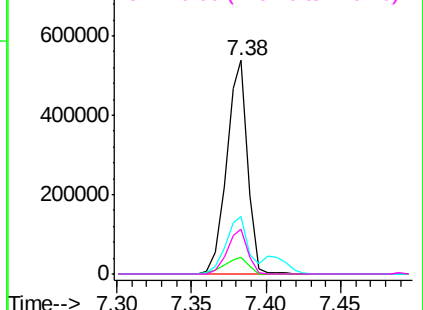
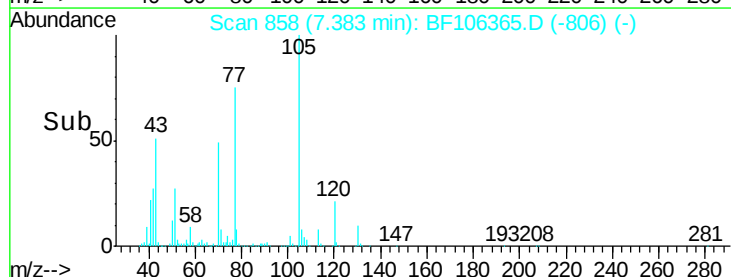


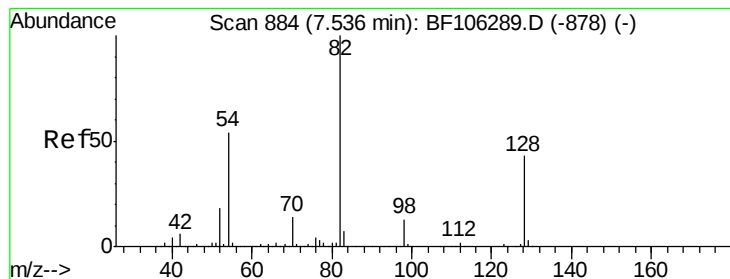
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.844 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

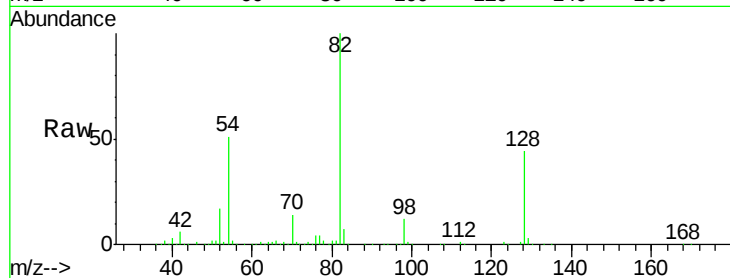
ClientSampled :

PB110114BS

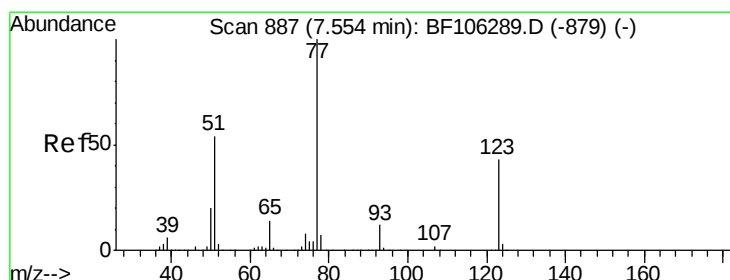
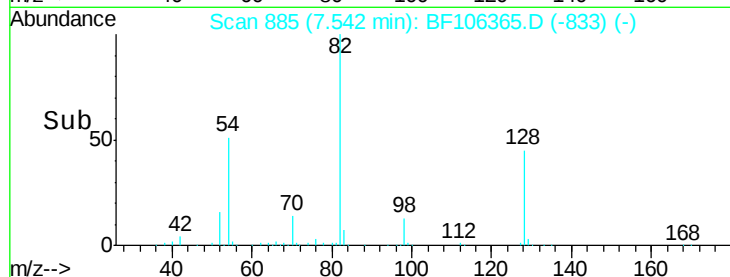
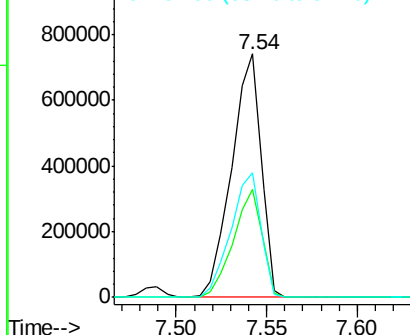
Tot Ion:	82	Resp:	838090
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.1	54.1
54	51.2	41.4	62.2

Manual Integrations
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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: 42.212 ng

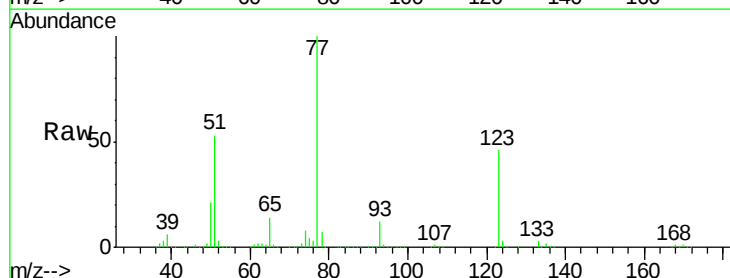
RT: 7.56 min Scan# 888

Delta R.T. 0.01 min

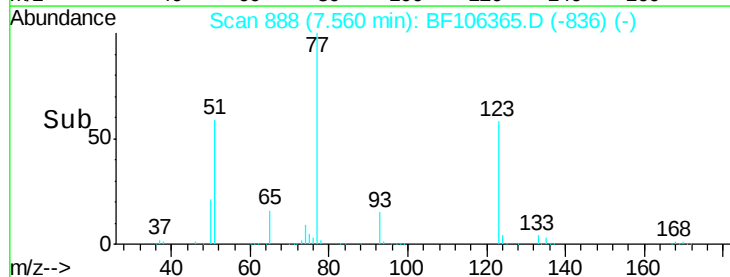
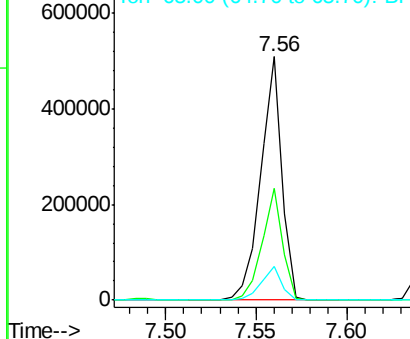
Lab File: BF106365.D

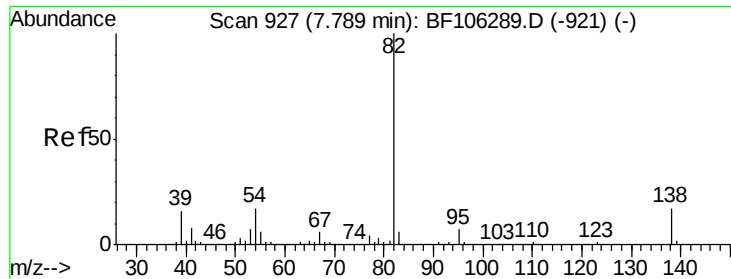
Acq: 13 Jun 2018 00:59

Tgt Ion:	77	Resp:	414150
Ion Ratio	Lower	Upper	
77	100		
123	45.7	37.9	56.9
65	13.8	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





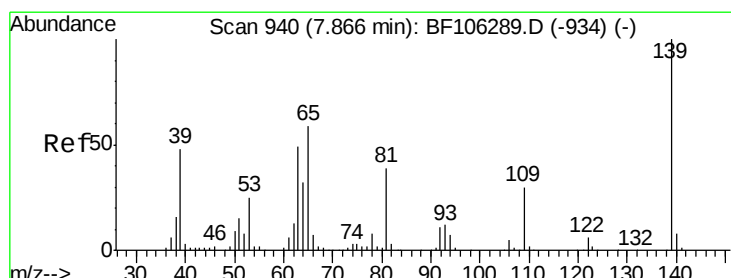
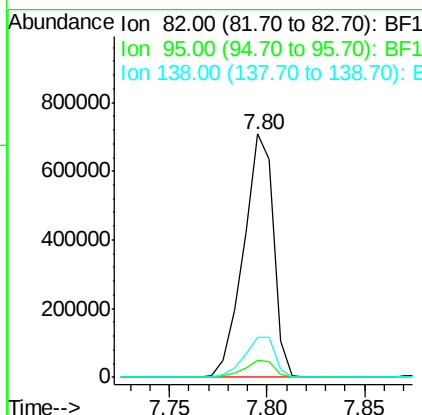
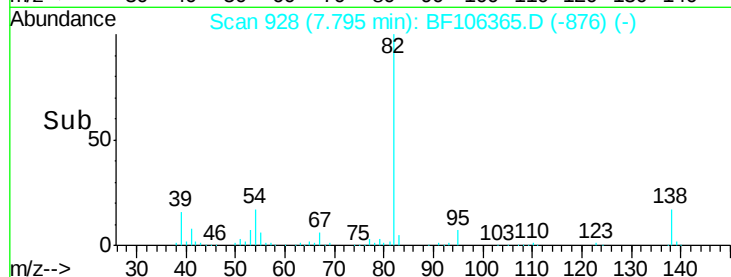
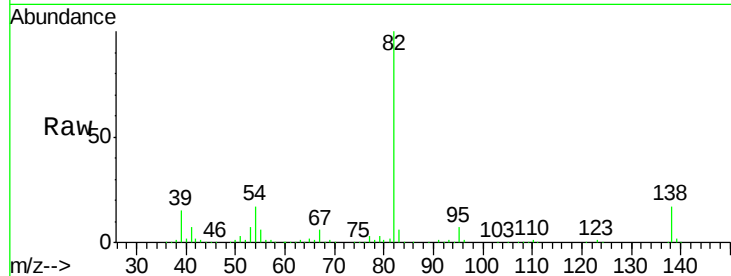
#25
Isophorone
Concen: 42.523 ng
RT: 7.80 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.2	7.8
138	16.6	14.9	22.3

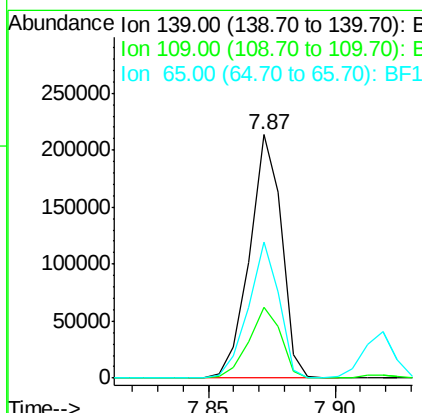
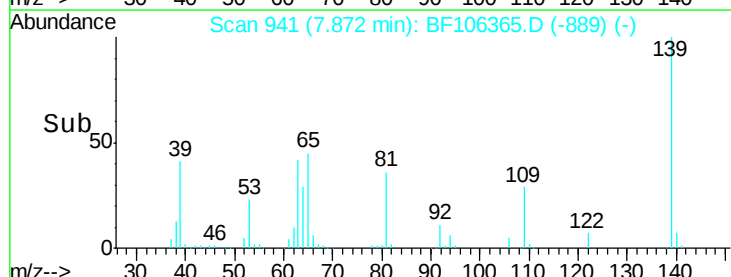
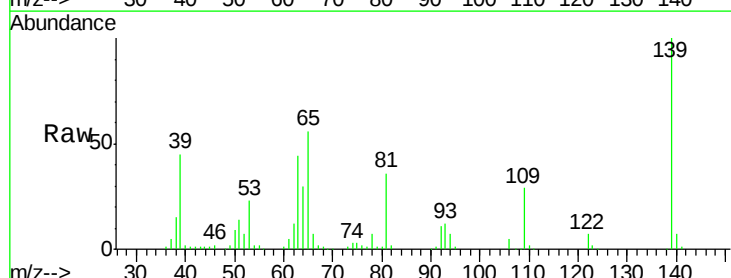
Manual Integrations
APPROVED

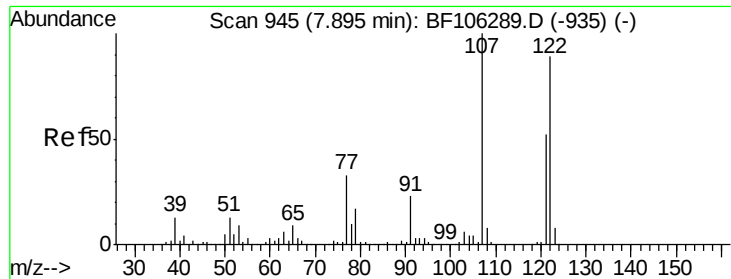
Sohil
6/13/2018 4:56:29 PM



#26
2-Nitrophenol
Concen: 49.289 ng
RT: 7.87 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.9	22.7	34.1
65	56.0	40.5	60.7





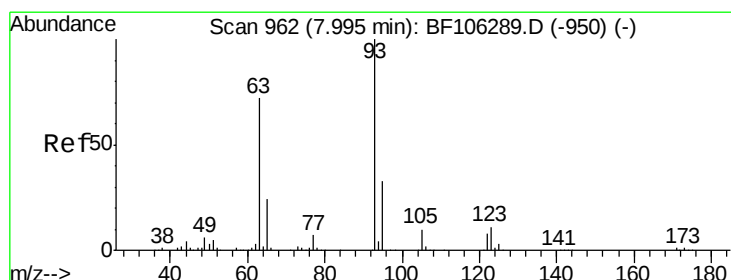
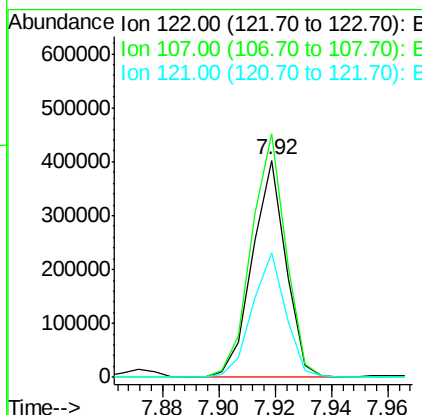
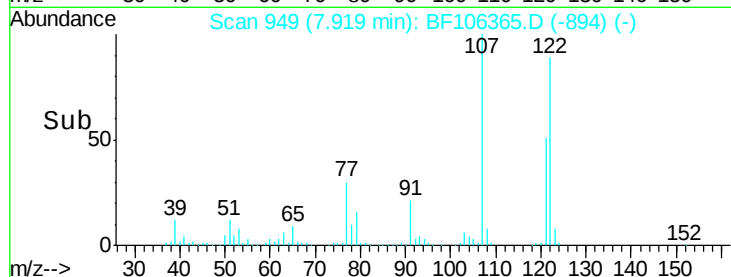
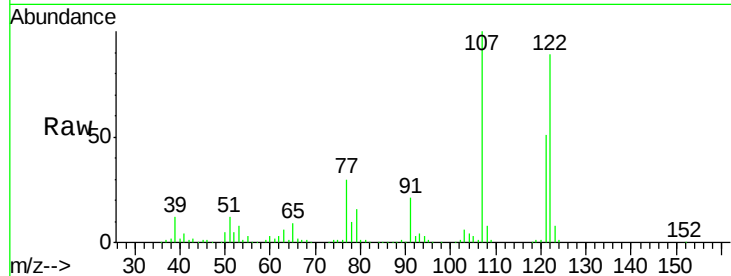
#27
2,4-Dimethylphenol
Concen: 44.626 ng
RT: 7.92 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	91.2	136.8
121	57.5	47.2	70.8

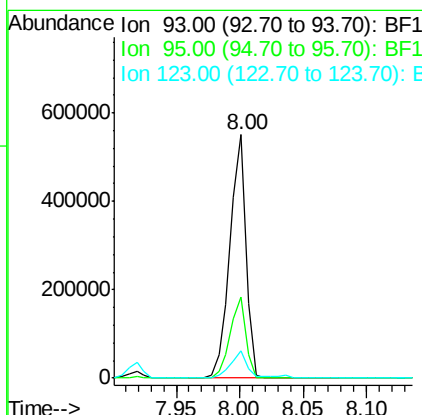
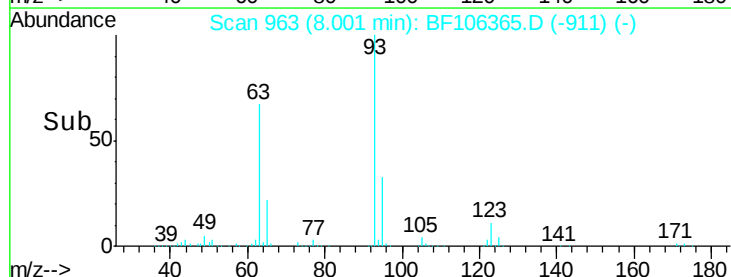
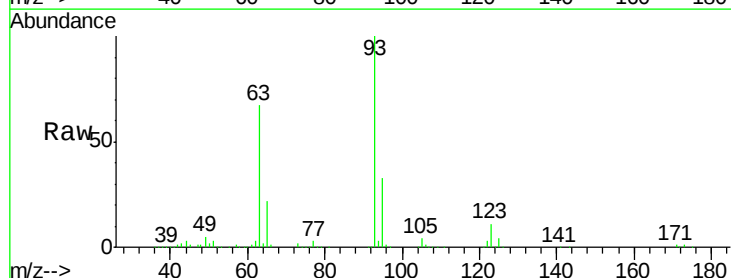
Manual Integrations
APPROVED

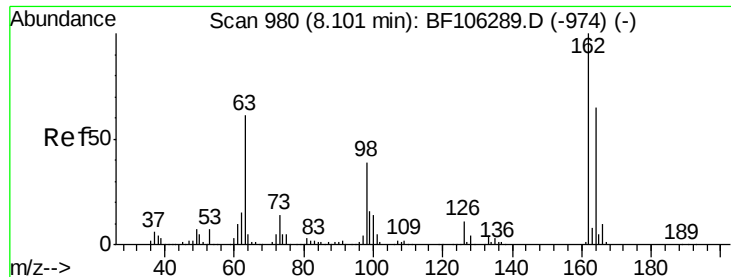
Sohil
6/13/2018 4:56:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.190 ng
RT: 8.00 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.0	9.8	14.6





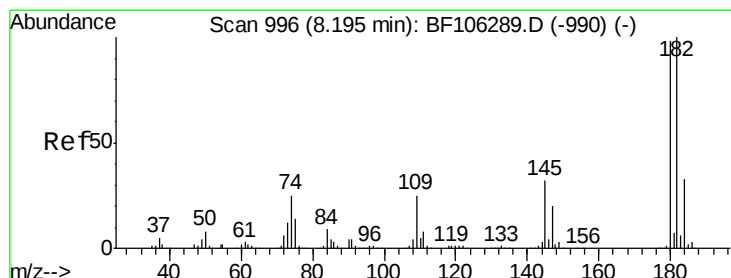
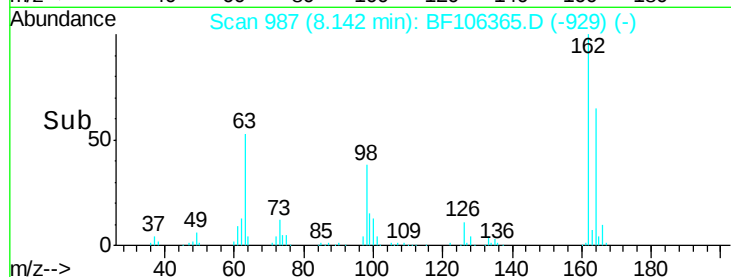
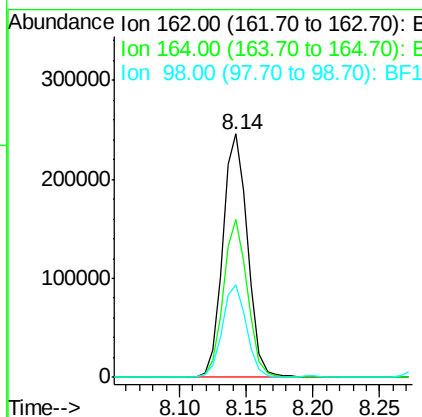
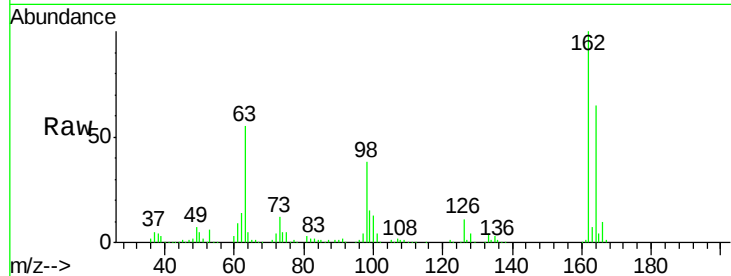
#29
2,4-Dichlorophenol
Concen: 44.804 ng
RT: 8.14 min Scan# 987
Delta R.T. 0.04 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	322637		
164	64.7	42.7	82.7	
98	37.9	18.1	58.1	

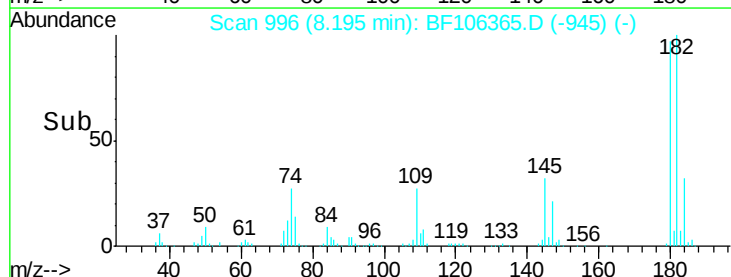
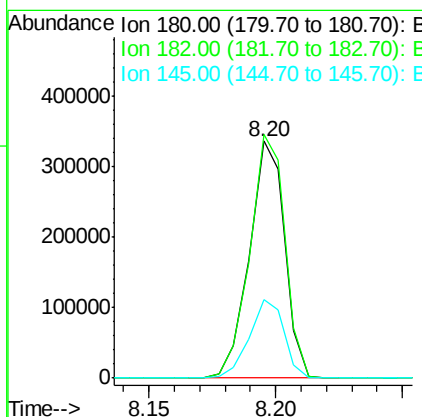
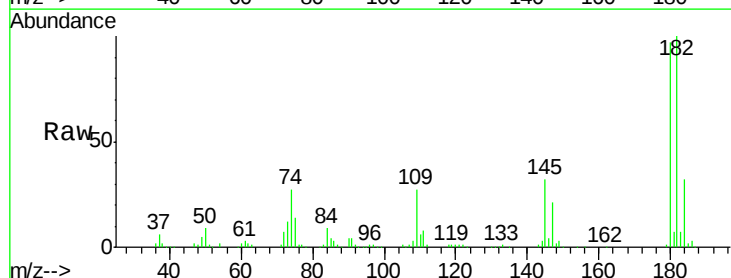
Manual Integrations
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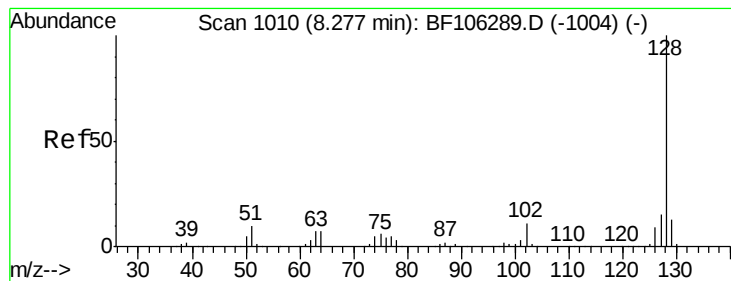
Sohil
6/13/2018 4:56:29 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.128 ng
RT: 8.20 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	324002		
182	102.8	76.8	115.2	
145	33.3	26.5	39.7	





#31

Naphthalene

Concen: 40.784 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

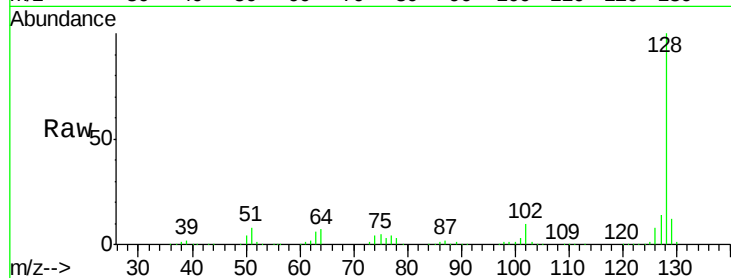
ClientSampleId :

PB110114BS

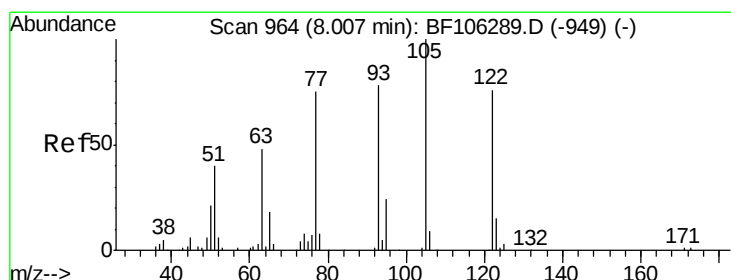
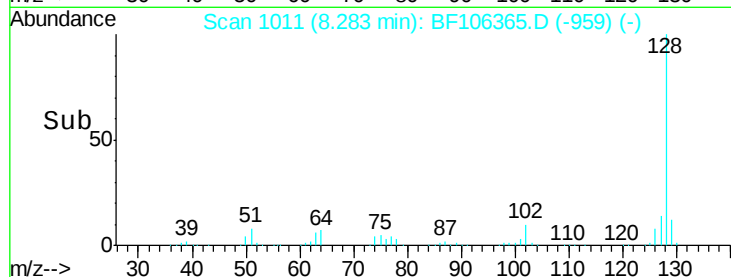
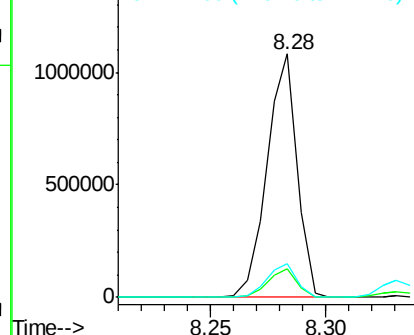
Tot Ion:	128	Resp:	979055
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	14.0	10.9	16.3

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.466 ng

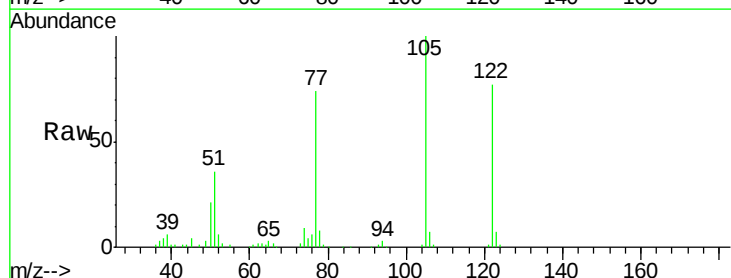
RT: 8.04 min Scan# 969

Delta R.T. 0.03 min

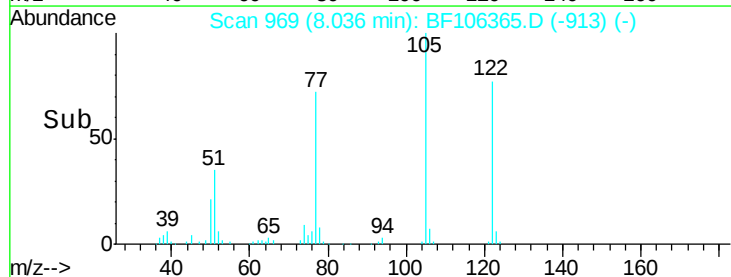
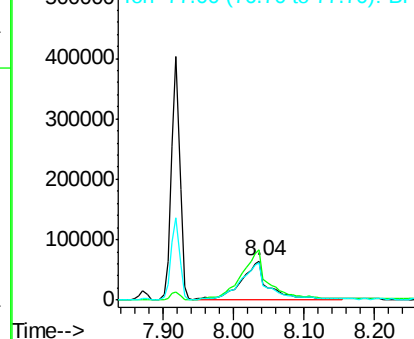
Lab File: BF106365.D

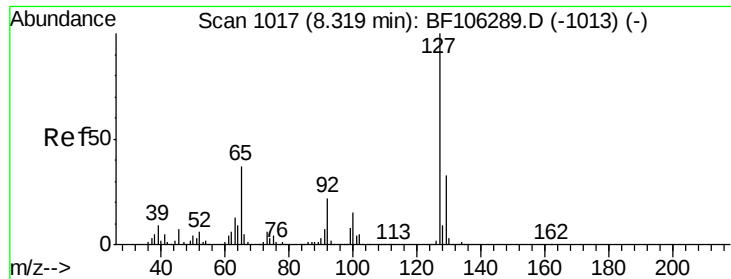
Acq: 13 Jun 2018 00:59

Tgt Ion:	122	Resp:	169915
Ion Ratio	Lower	Upper	
122	100		
105	129.2	101.1	141.1
77	96.0	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





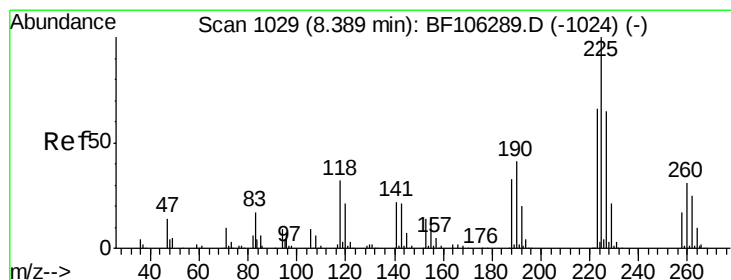
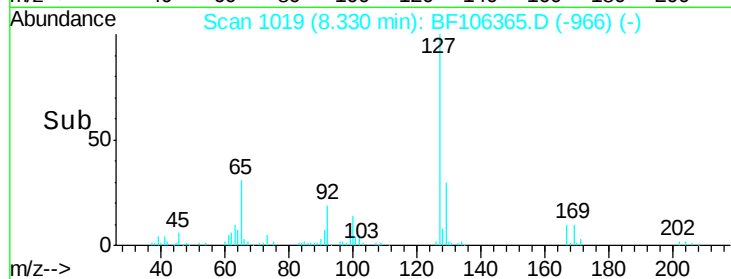
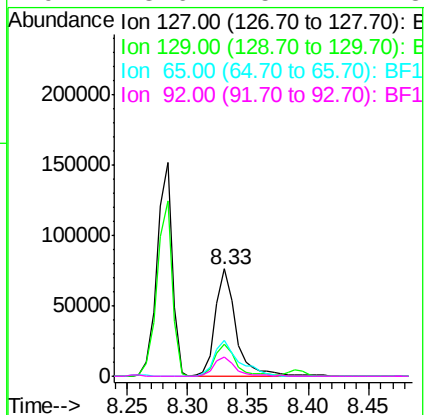
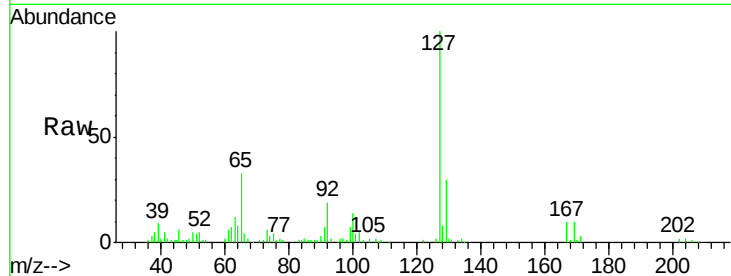
#33
4-Chloroaniline
Concen: 8.478 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.7		25.9	38.9	
65	33.4		25.0	37.4	
92	18.6		15.2	22.8	

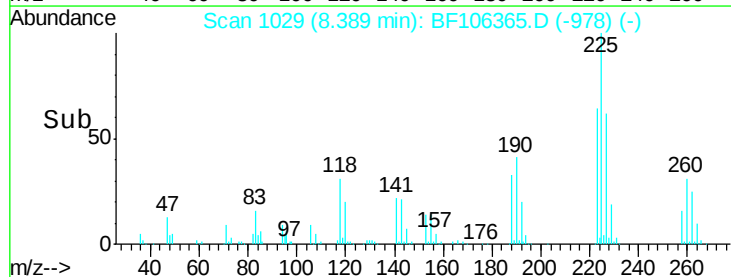
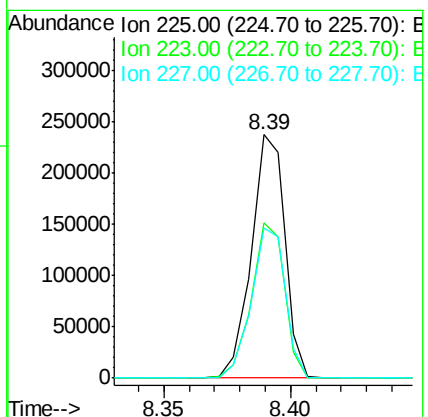
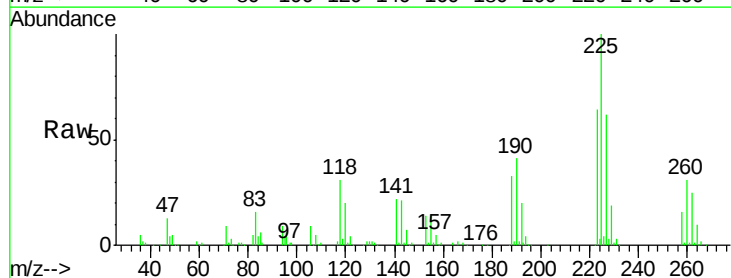
Manual Integrations
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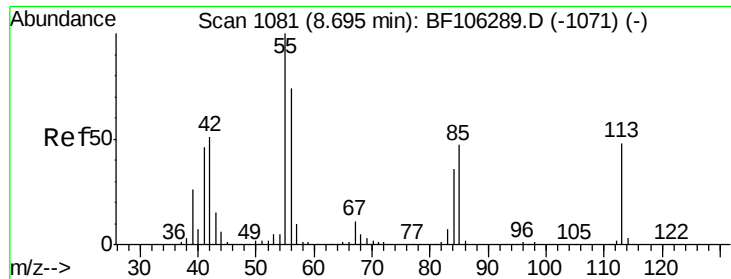
Sohil
6/13/2018 4:56:29 PM



#34
Hexachlorobutadiene
Concen: 42.243 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8		50.6	76.0	
227	61.9		51.9	77.9	





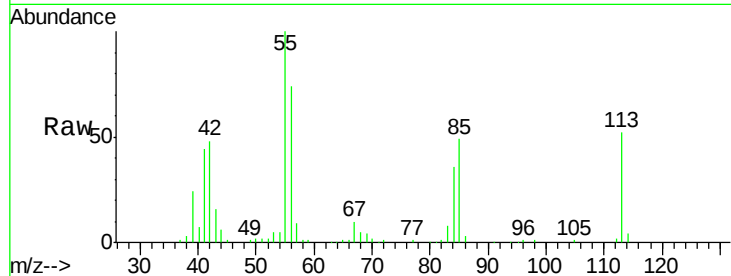
#35
Caprolactam
Concen: 38.810 ng
RT: 8.70 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

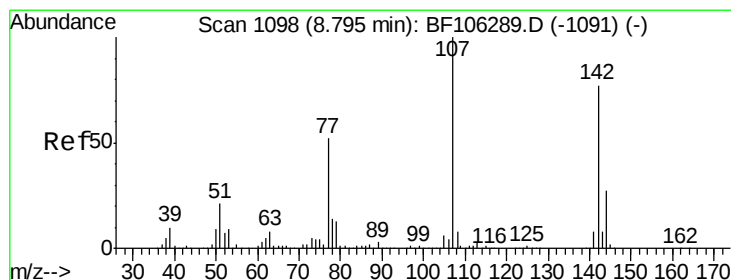
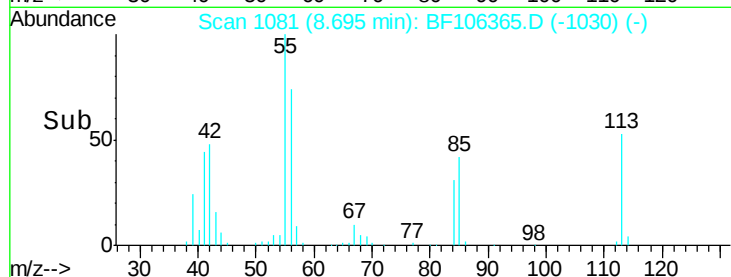
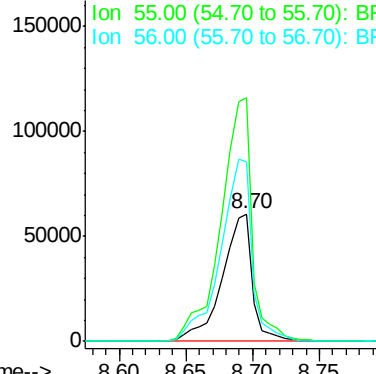
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	190.7	163.3	203.3	
56	140.9	115.7	155.7	

Manual Integrations
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6/13/2018 4:56:29 PM

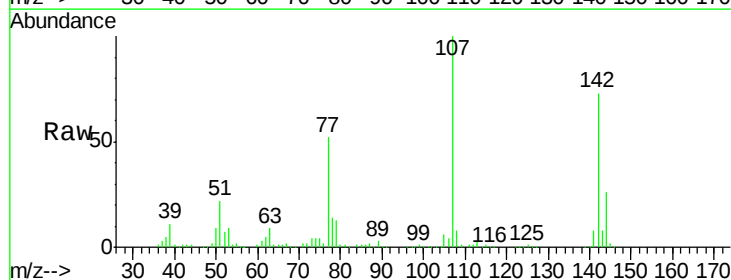


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

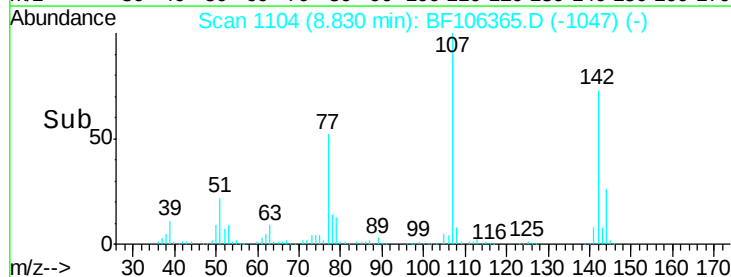
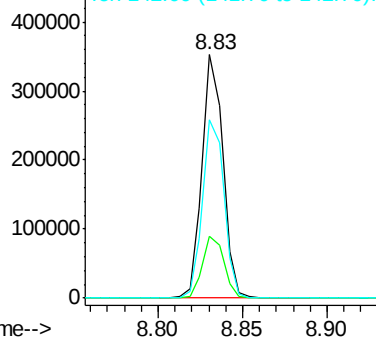


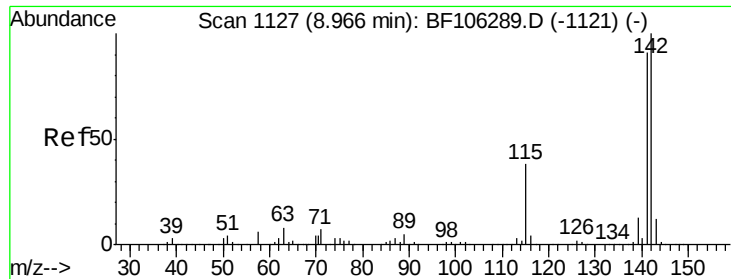
#36
4-Chloro-3-methylphenol
Concen: 38.091 ng
RT: 8.83 min Scan# 1104
Delta R.T. 0.04 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.5	20.5	30.7	
142	73.1	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





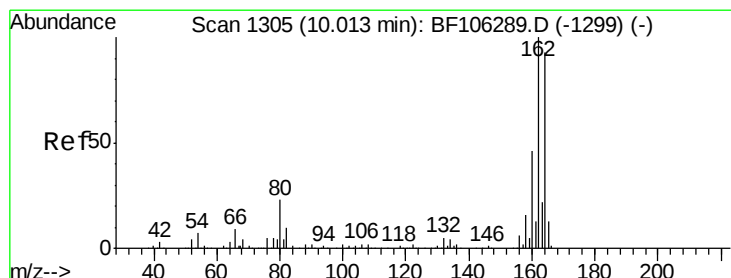
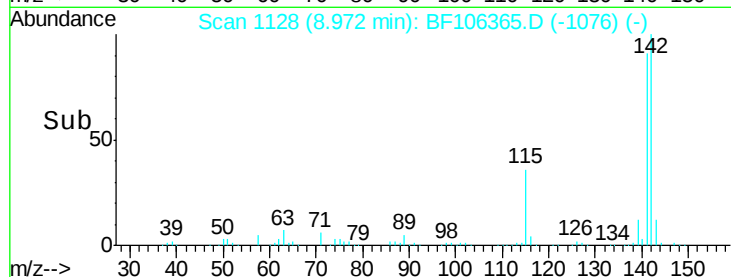
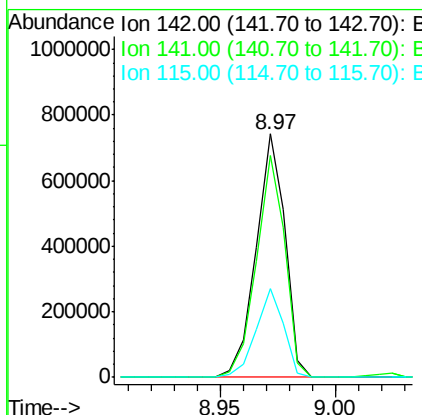
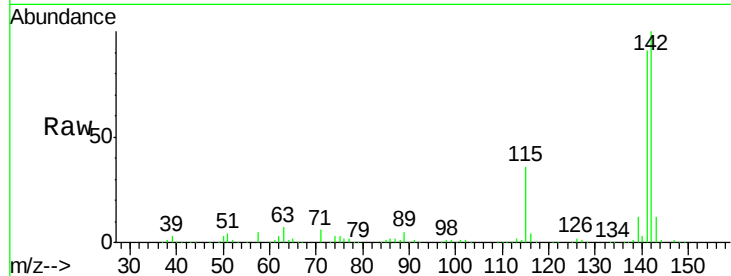
#37
2-Methylnaphthalene
Concen: 39.781 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.8	106.2
115	36.2	26.1	39.1

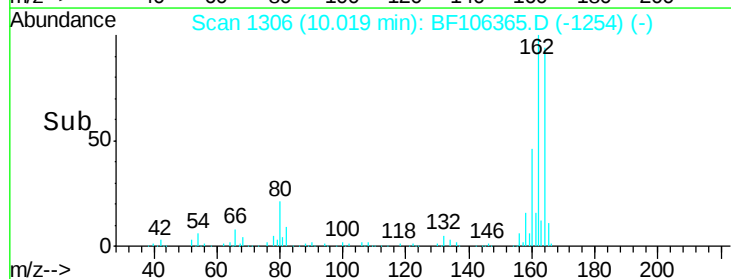
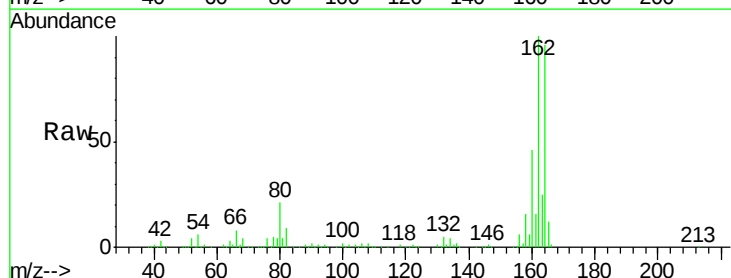
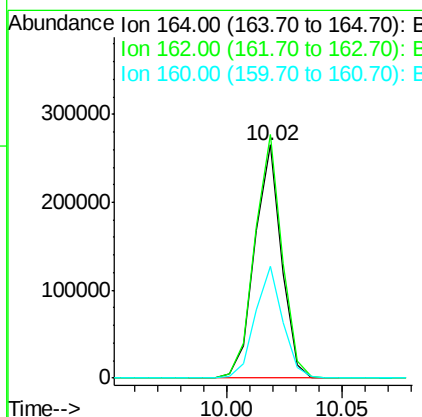
Manual Integrations
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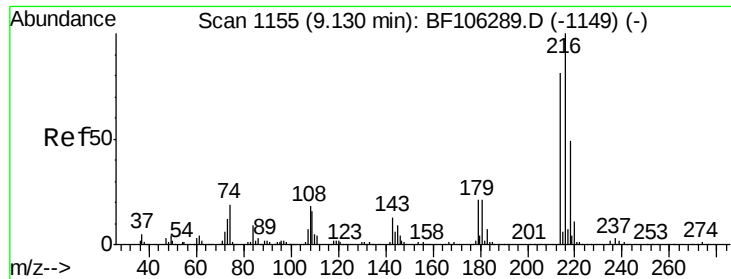
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	48.1	38.3	57.5





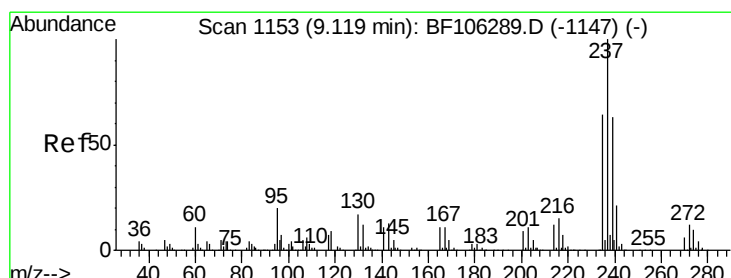
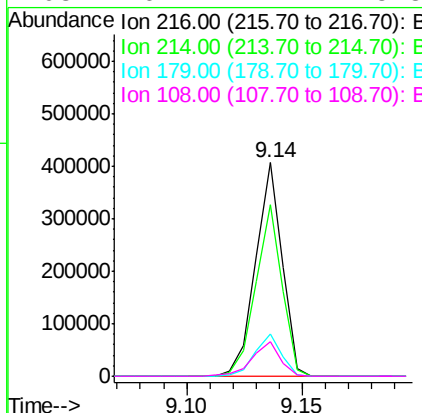
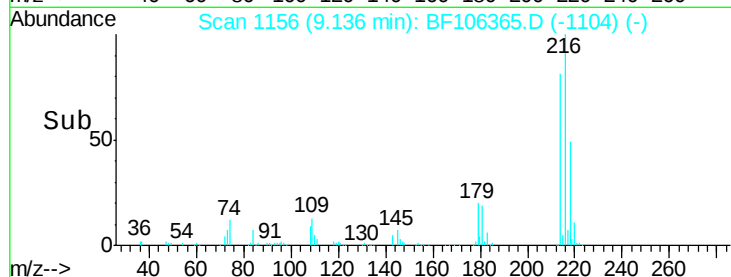
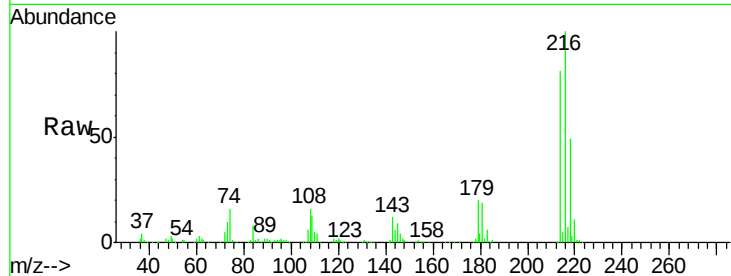
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.651 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	19.6	18.1	27.1
108	16.7	17.2	25.8

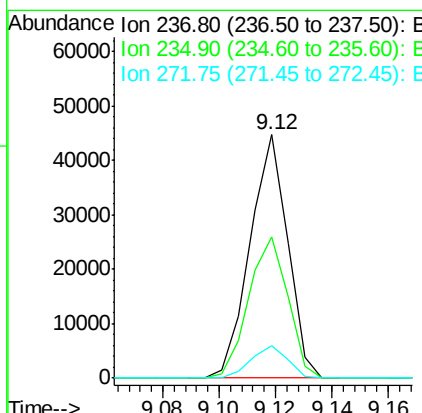
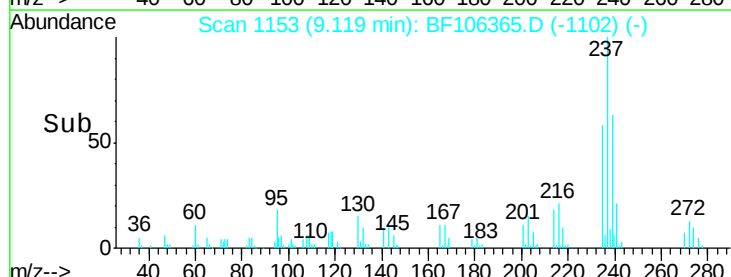
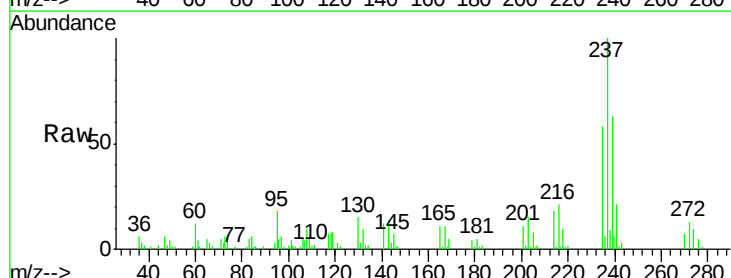
Manual Integrations
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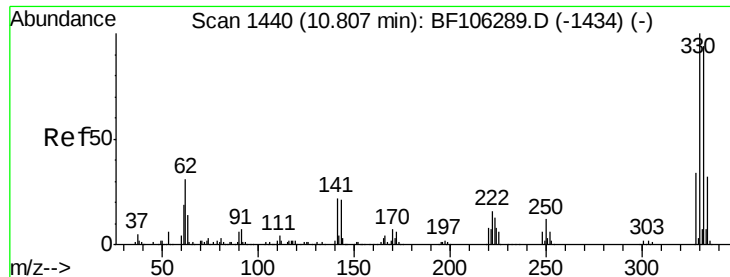
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 10.683 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
237	100		
235	58.2	44.8	84.8
272	13.5	0.0	33.3





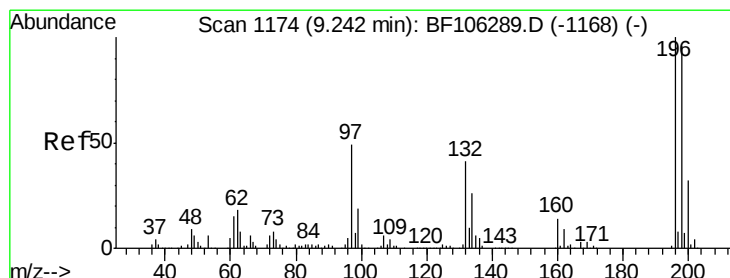
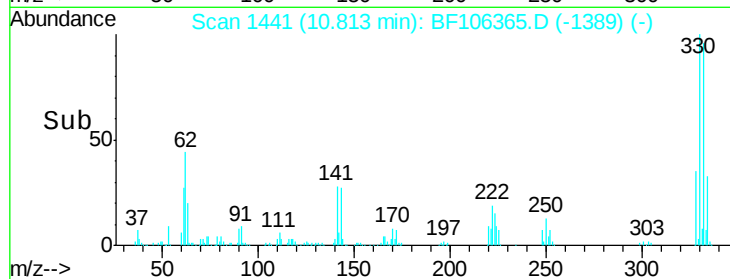
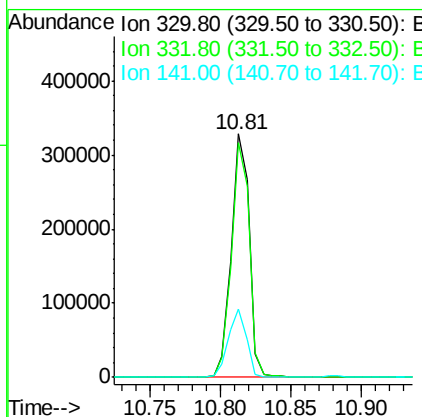
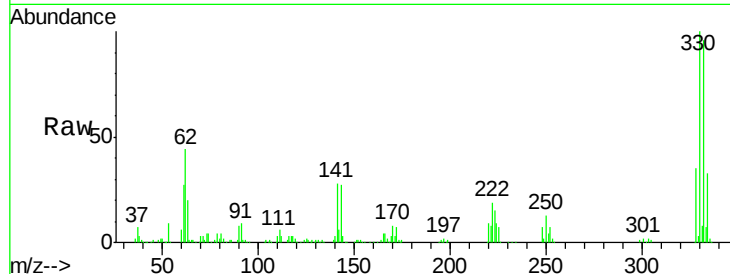
#41
 2,4,6-Tribromophenol
 Concen: 140.606 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampled :
 PB110114BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	291962		
332	96.8	77.0	115.6	
141	28.5	29.9	44.9	

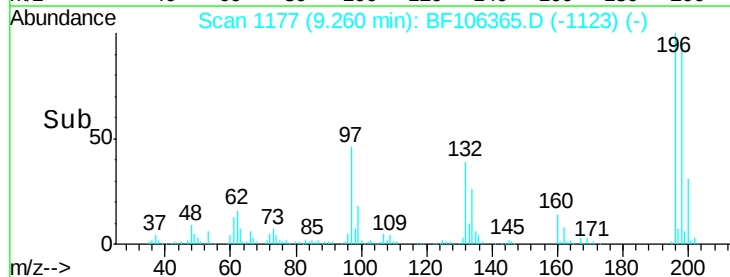
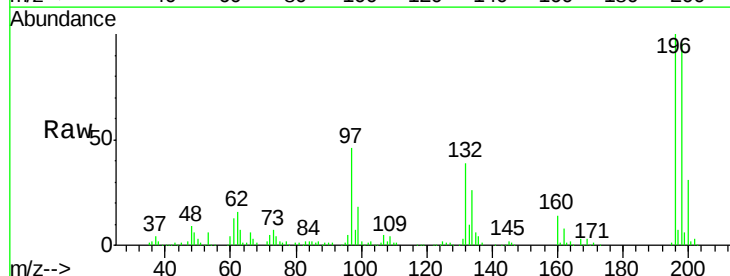
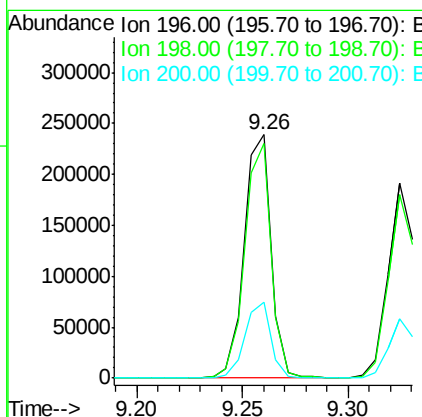
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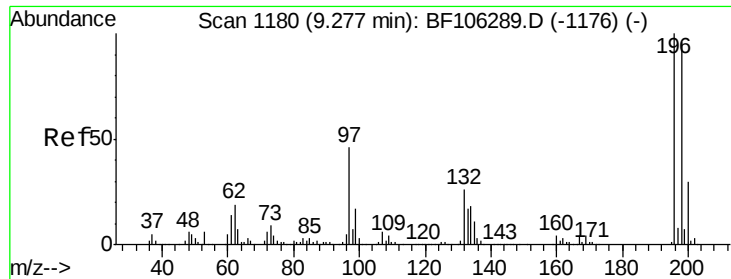
Sohil
 6/13/2018 4:56:29 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.230 ng
 RT: 9.26 min Scan# 1177
 Delta R.T. 0.02 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210863		
198	96.2	75.7	113.5	
200	31.1	24.5	36.7	





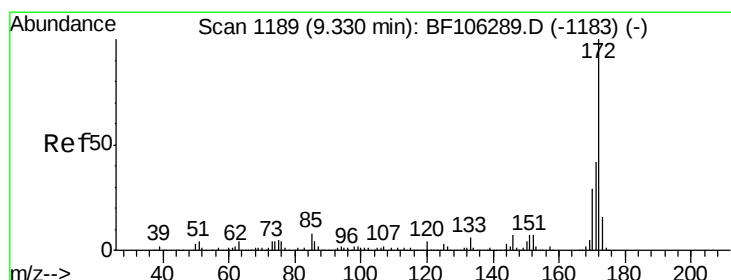
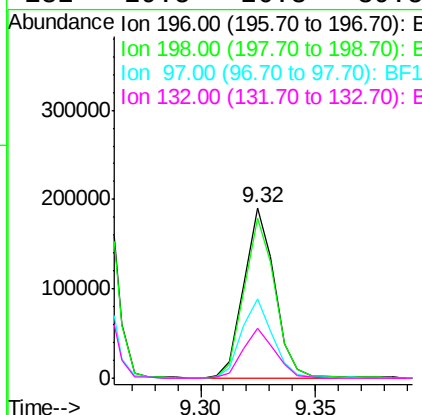
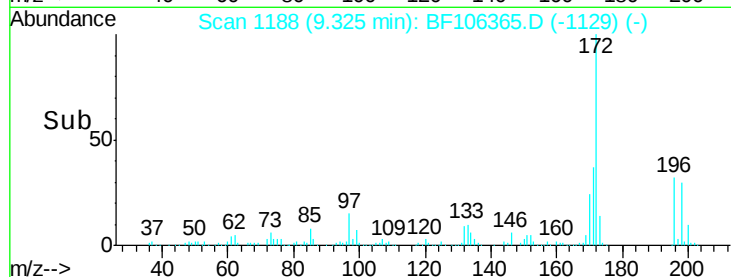
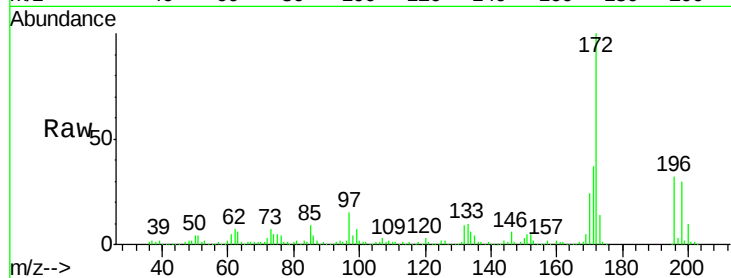
#43
 2,4,5-Trichlorophenol
 Concen: 36.852 ng m
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.05 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		177371		
198	94.0	74.6	112.0		
97	46.5	42.9	64.3		
132	29.5	26.3	39.5		

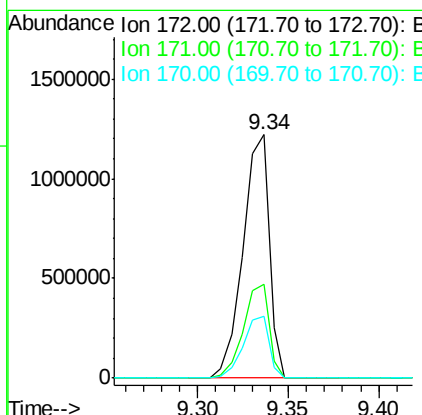
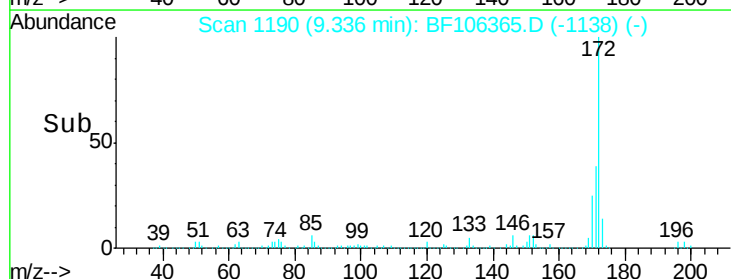
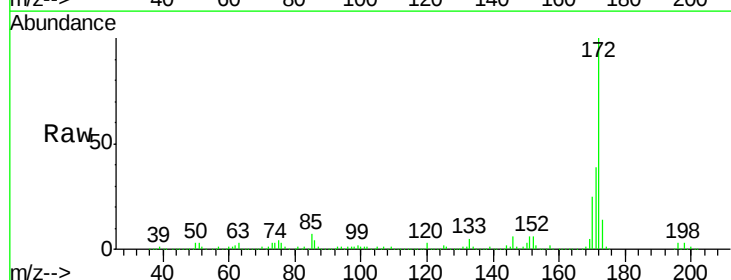
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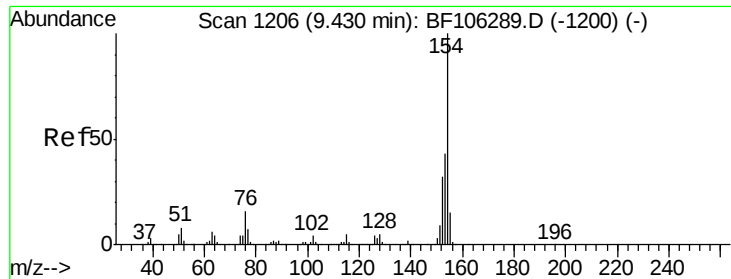
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 111.166 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1229757		
171	38.7	29.7	44.5		
170	25.2	19.6	29.4		





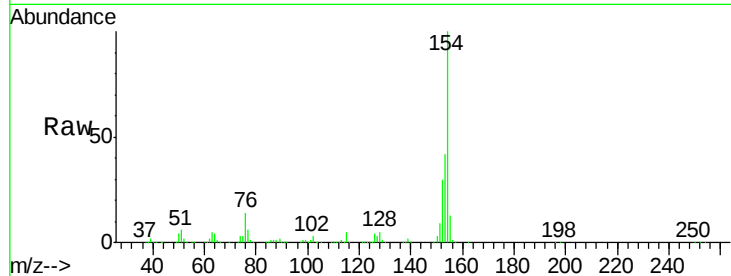
#45
 1,1'-Biphenyl
 Concen: 44.387 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.3	61.3
76	13.9	0.0	34.0

Manual Integrations
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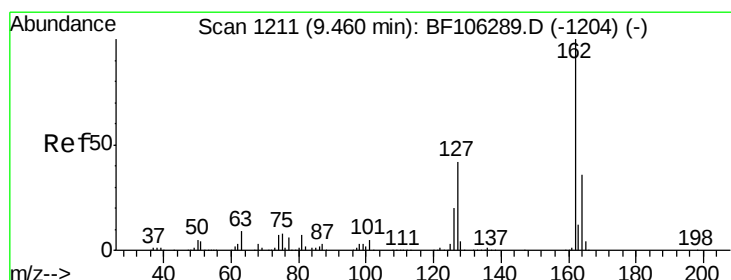
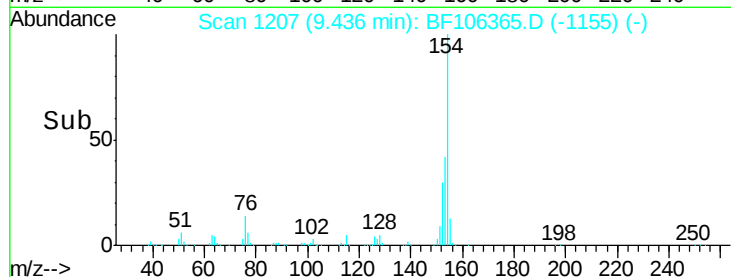
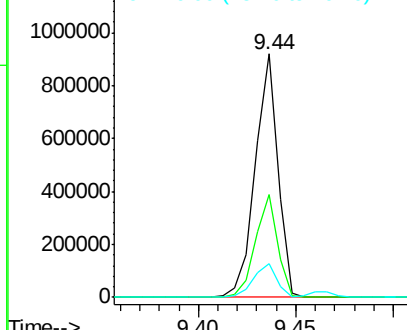


Abundance

Ion 154.00 (153.70 to 154.70): E

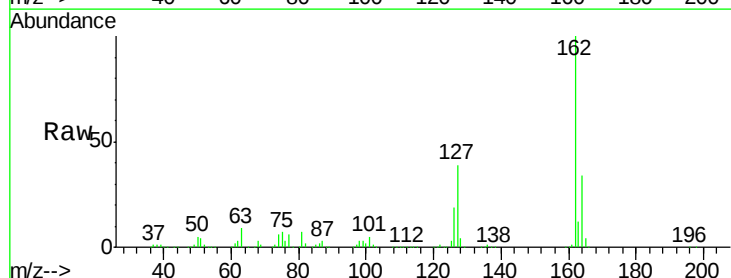
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 43.162 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.9	50.9
164	34.1	26.5	39.7

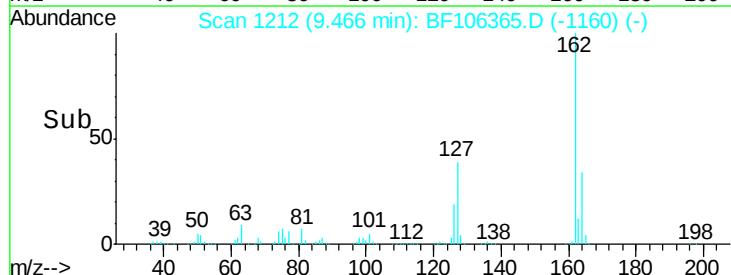
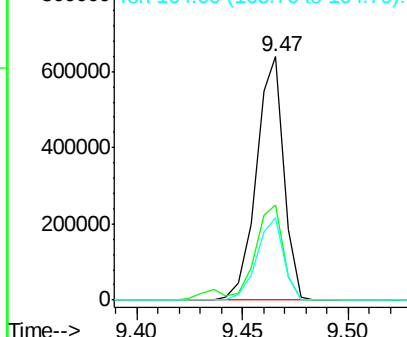


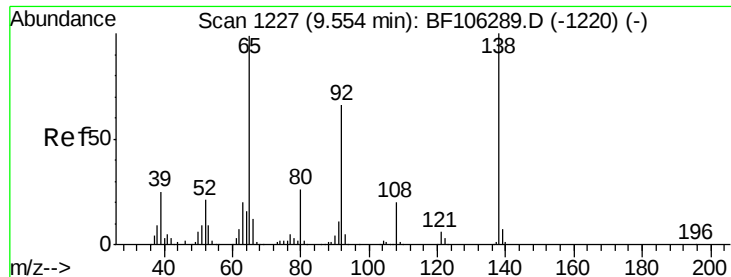
Abundance

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





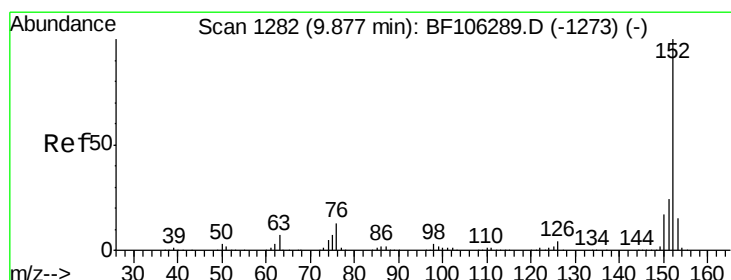
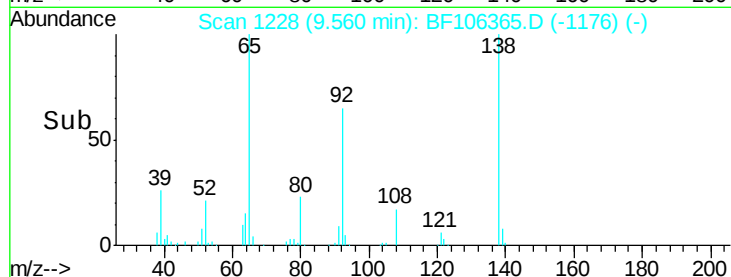
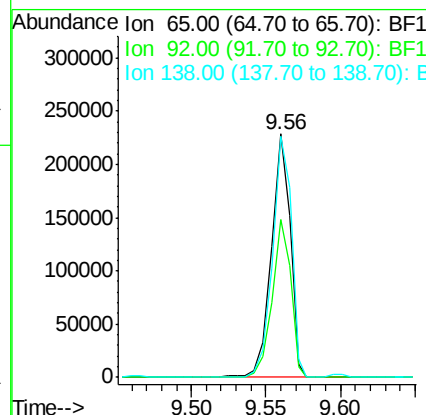
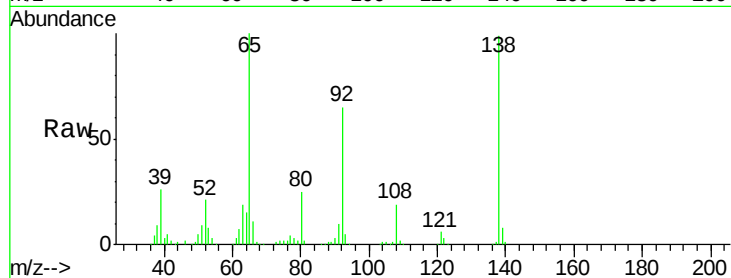
#47
2-Nitroaniline
Concen: 47.136 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	198352		
92	64.8	55.8	83.6	
138	99.0	91.2	136.8	

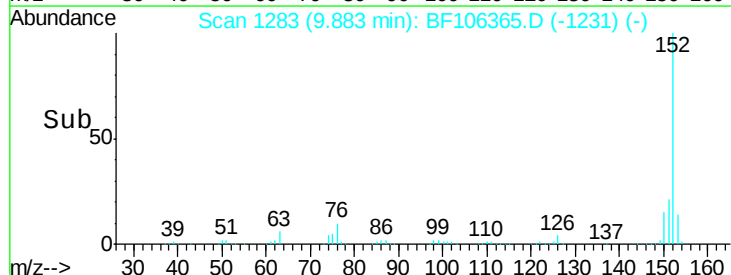
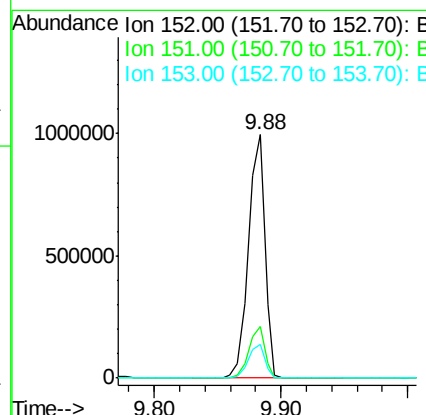
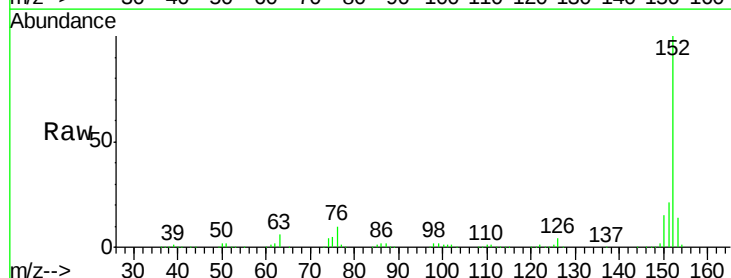
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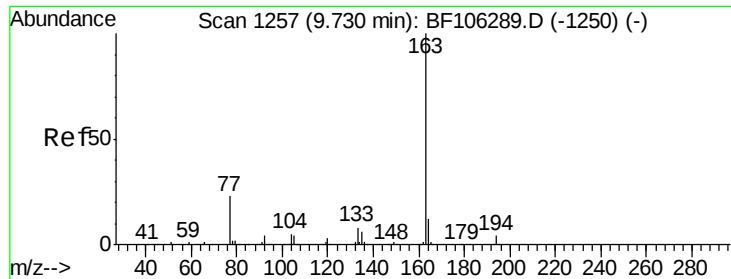
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#48
Acenaphthylene
Concen: 43.573 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	892143		
151	21.4	16.3	24.5	
153	13.7	10.7	16.1	





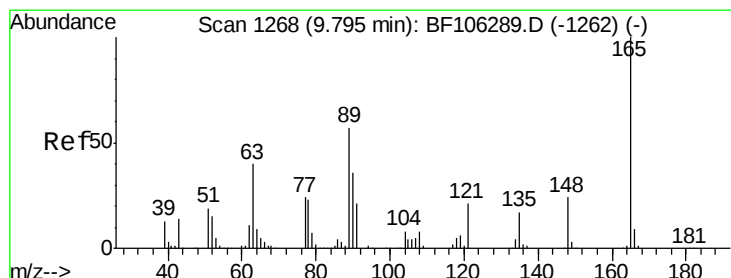
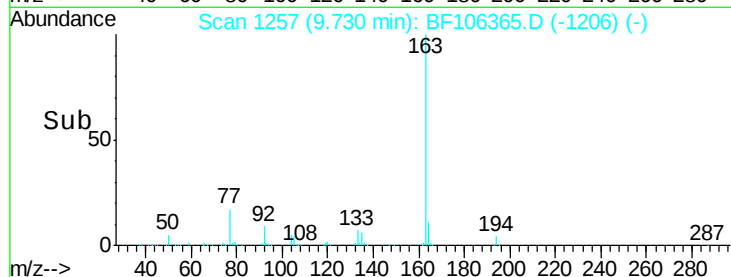
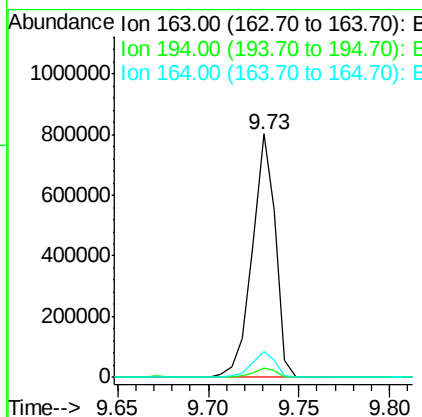
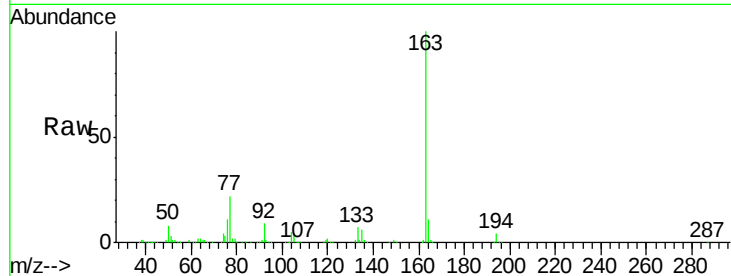
#49
Dimethylphthalate
Concen: 46.129 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampled :
PB110114BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.6	8.2	12.2

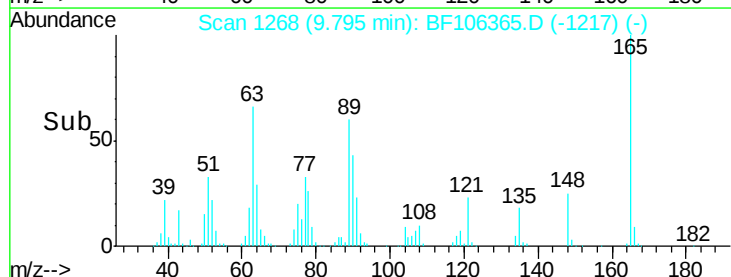
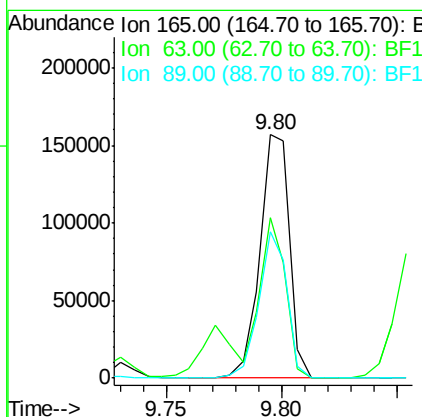
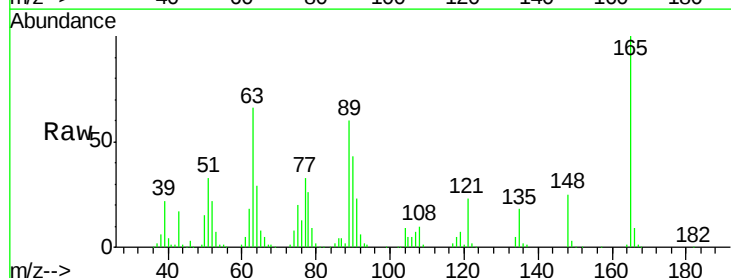
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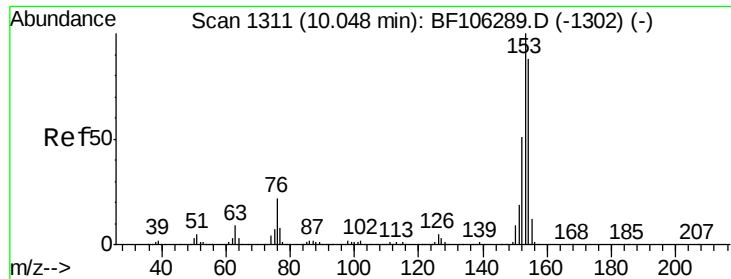
Sohil
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#50
2,6-Dinitrotoluene
Concen: 44.569 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.8	44.7	67.1
89	60.1	44.0	66.0





#51

Acenaphthene

Concen: 39.908 ng

RT: 10.05 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

ClientSampled :

PB110114BS

Tot Ion:154 Resp: 527698

Ion Ratio Lower Upper

154 100

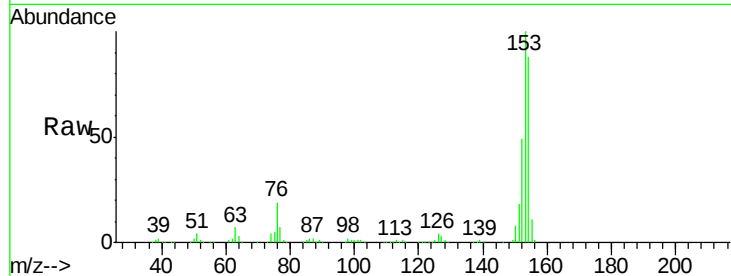
153 114.1 91.2 136.8

152 56.1 43.8 65.8

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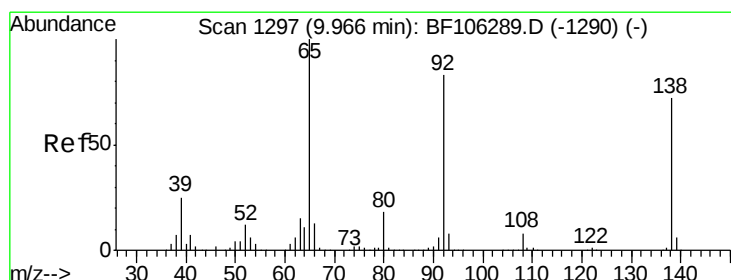
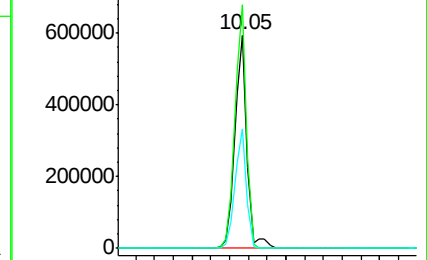
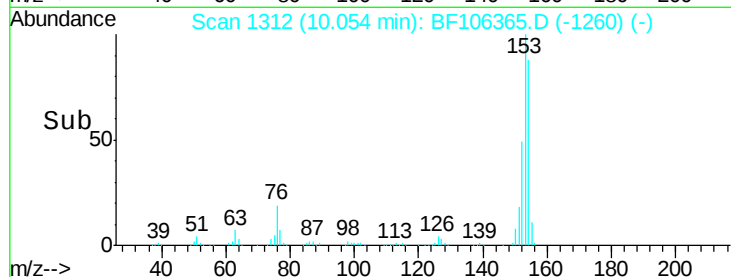
6/13/2018 4:56:29 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.027 ng

RT: 9.97 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

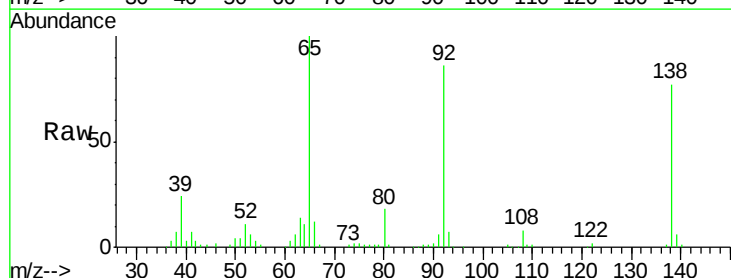
Tgt Ion:138 Resp: 89815

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

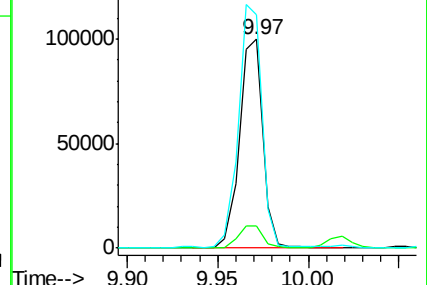
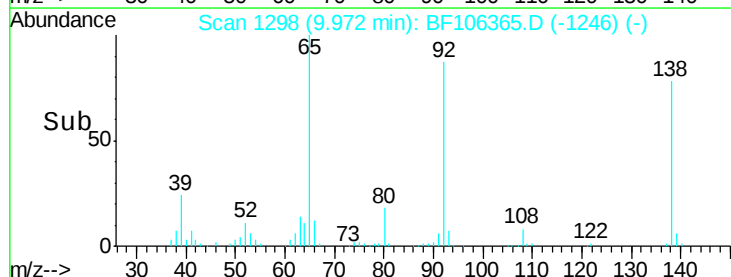
92 111.6 89.4 134.2

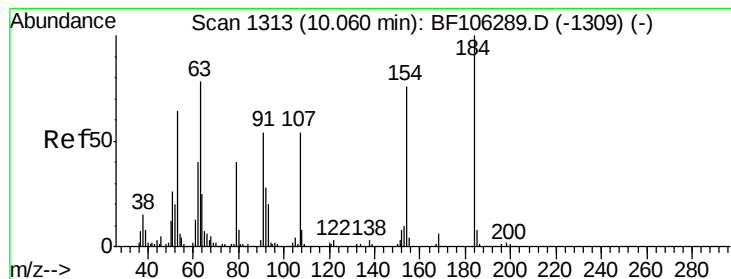


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 36.308 ng

RT: 10.08 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

ClientSampleId :

PB110114BS

Tot Ion:184 Resp: 44878

Ion Ratio Lower Upper

184 100

63 58.0 54.2 81.2

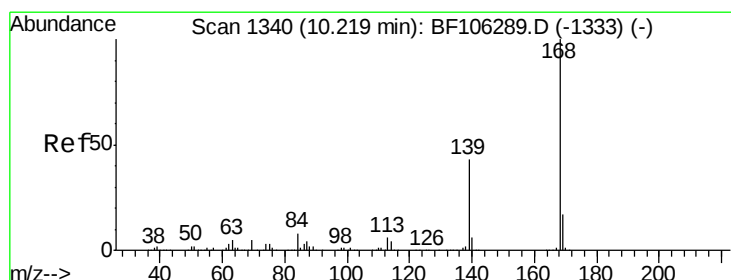
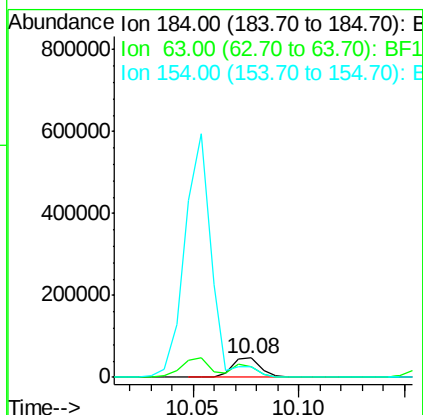
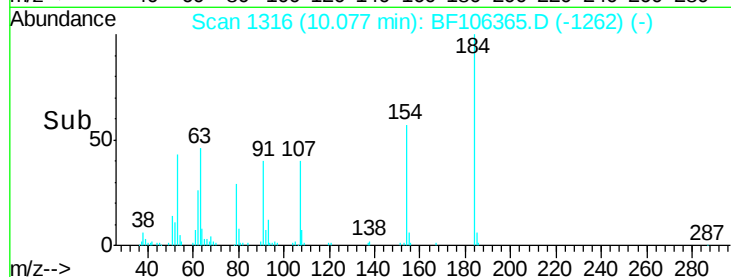
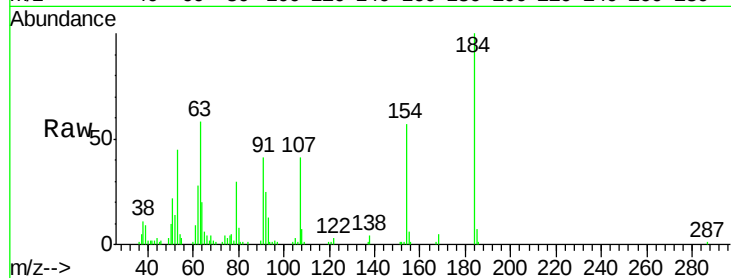
154 57.2 184.0 276.0#

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#54

Dibenzofuran

Concen: 41.712 ng

RT: 10.22 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

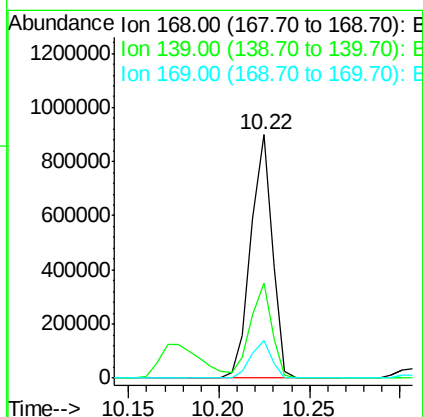
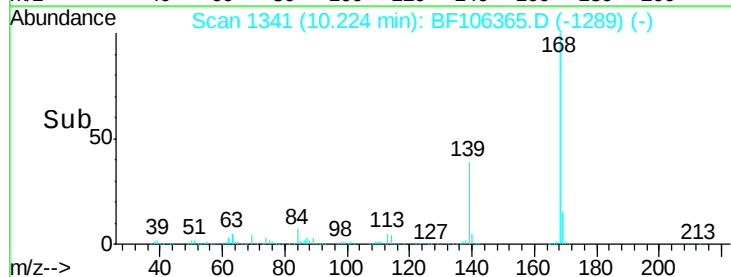
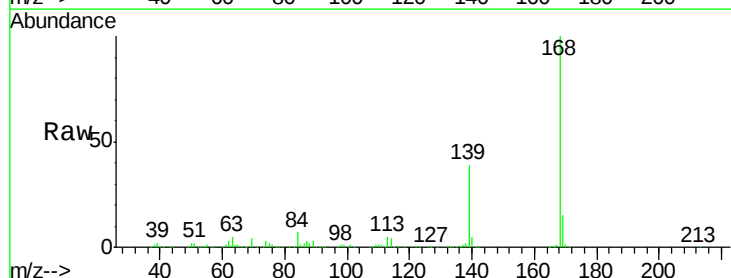
Tgt Ion:168 Resp: 742709

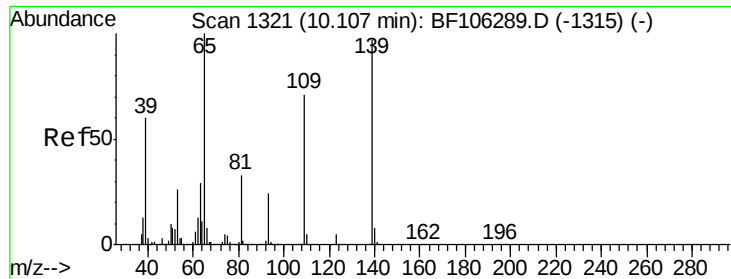
Ion Ratio Lower Upper

168 100

139 39.1 30.1 45.1

169 15.2 10.9 16.3





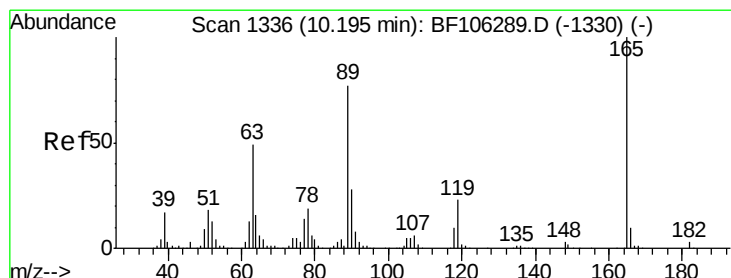
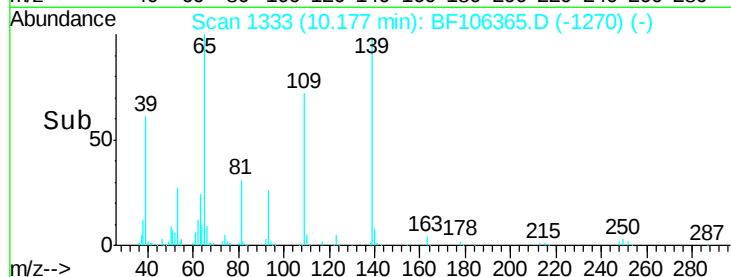
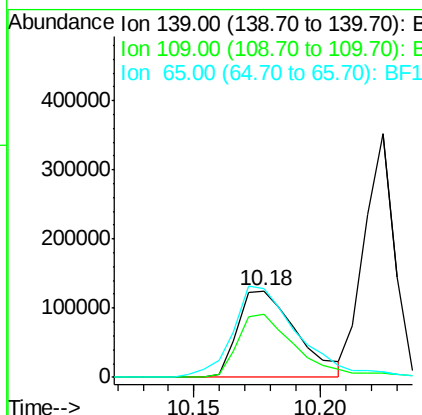
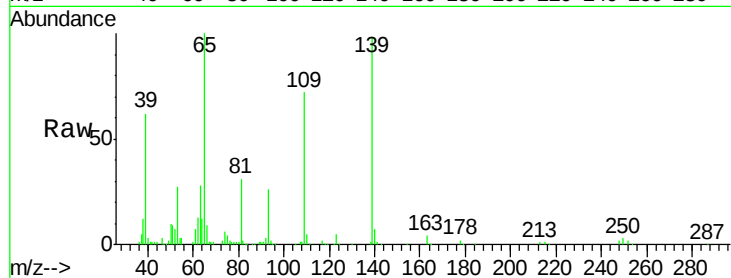
#55
4-Nitrophenol
Concen: 70.070 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.07 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	73.6	48.4	88.4
65	102.4	72.6	112.6

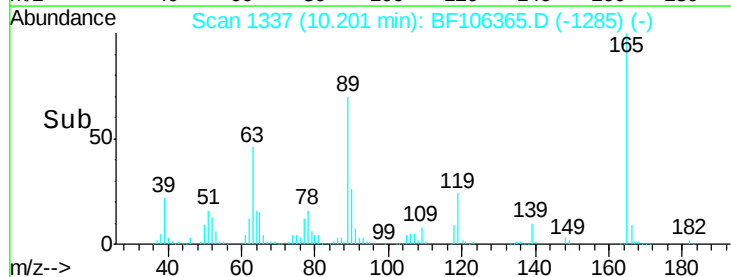
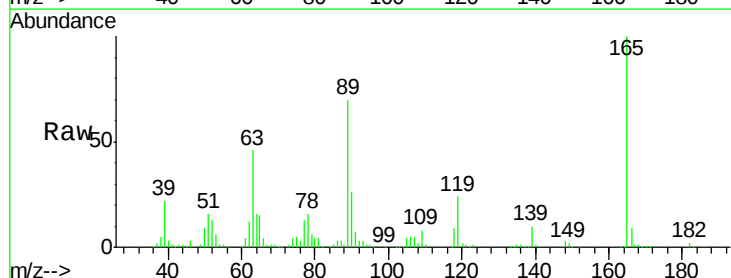
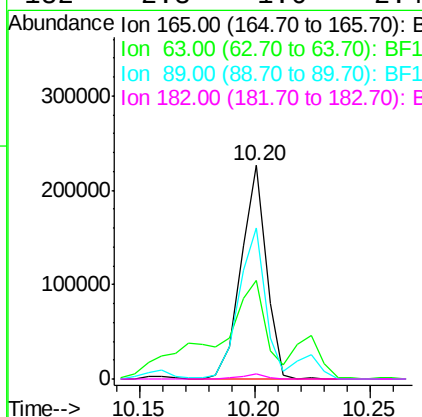
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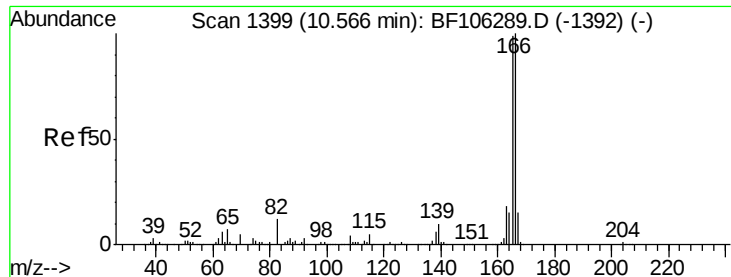
Sohil
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#56
2,4-Dinitrotoluene
Concen: 43.881 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.2	36.4	54.6
89	70.5	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 40.565 ng

RT: 10.57 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

ClientSampleId :

PB110114BS

Tot Ion:166 Resp: 572271

Ion Ratio Lower Upper

166 100

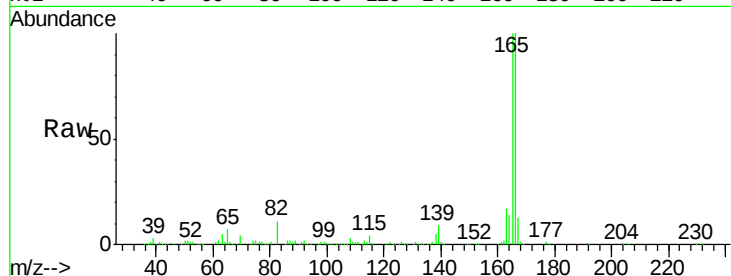
165 100.4 79.8 119.8

167 13.3 10.6 16.0

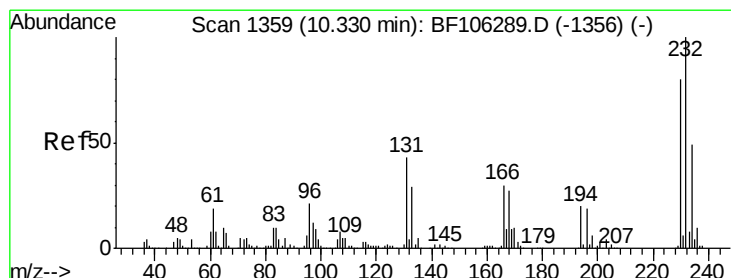
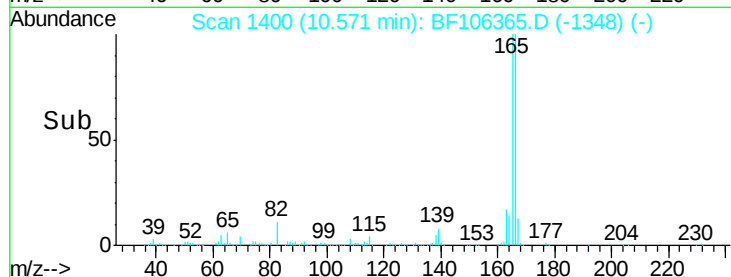
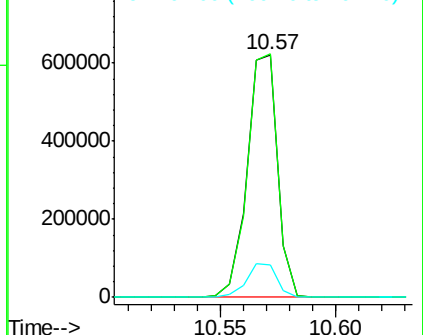
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.863 ng

RT: 10.35 min Scan# 1362

Delta R.T. 0.02 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Tgt Ion:232 Resp: 167326

Ion Ratio Lower Upper

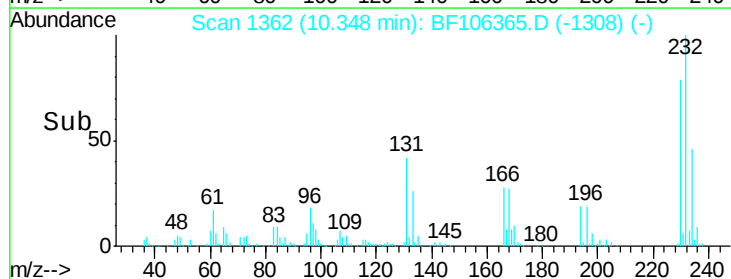
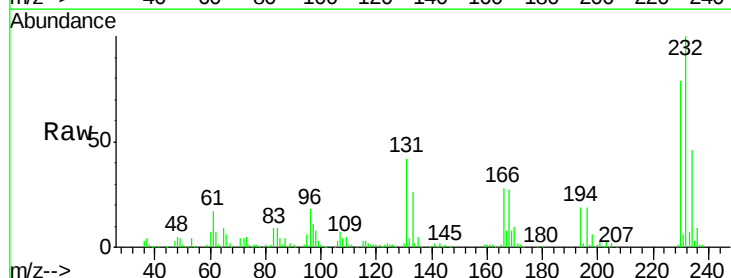
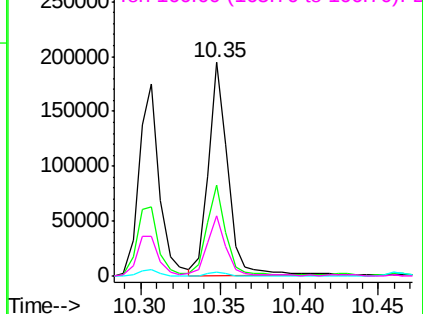
232 100

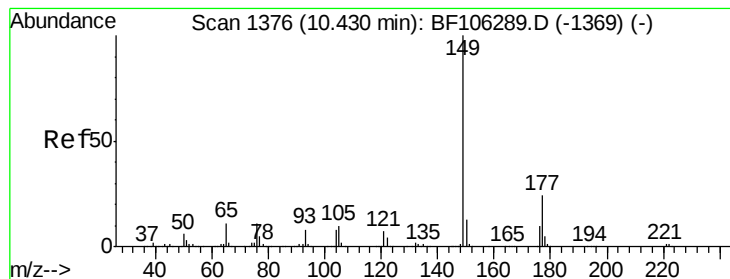
131 41.8 43.8 65.8#

130 1.9 2.1 3.1#

166 27.5 27.8 41.6#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.820 ng

RT: 10.43 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

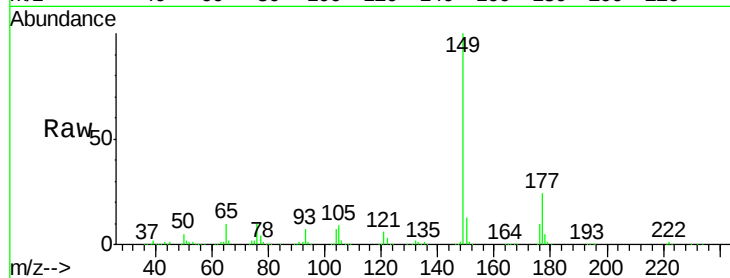
ClientSampled :

PB110114BS

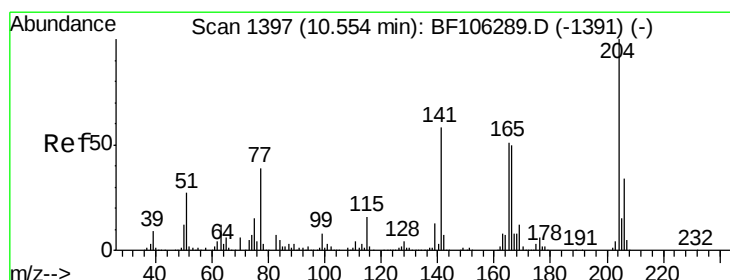
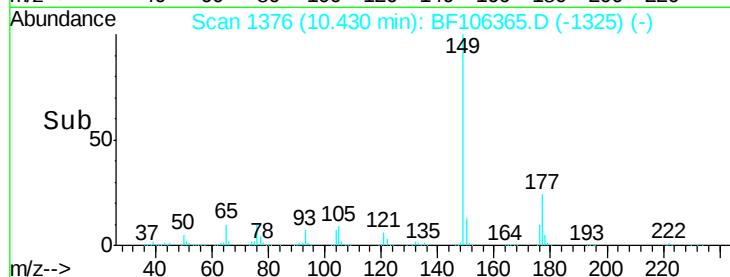
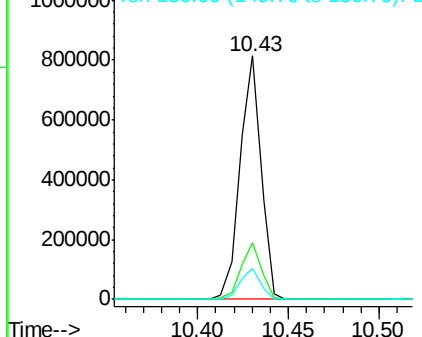
Tot Ion:	149	Resp:	655292
Ion Ratio	Lower	Upper	
149	100		
177	23.6	16.1	24.1
150	12.8	10.1	15.1

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



#60

4-Chlorophenyl-phenylether

Concen: 41.553 ng

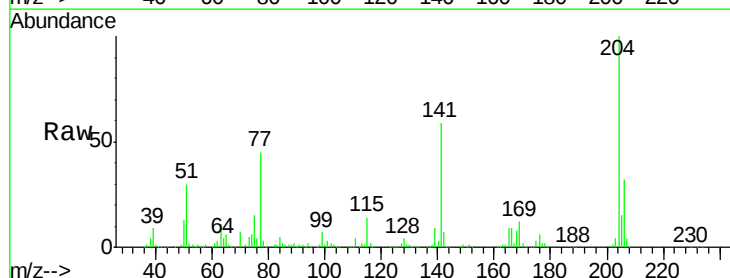
RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

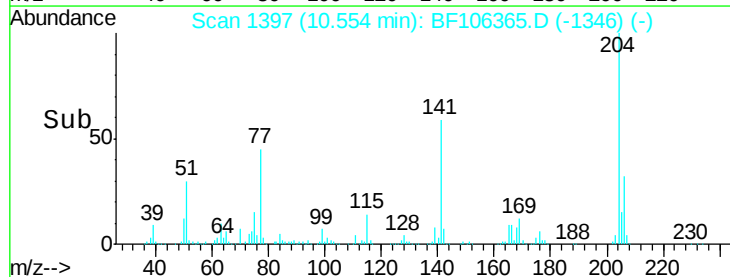
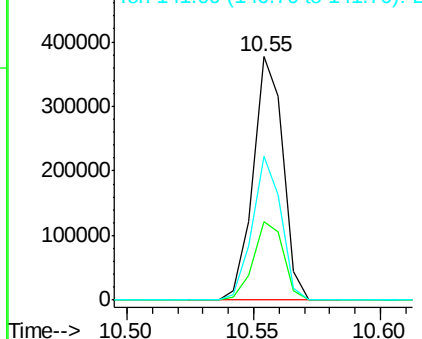
Lab File: BF106365.D

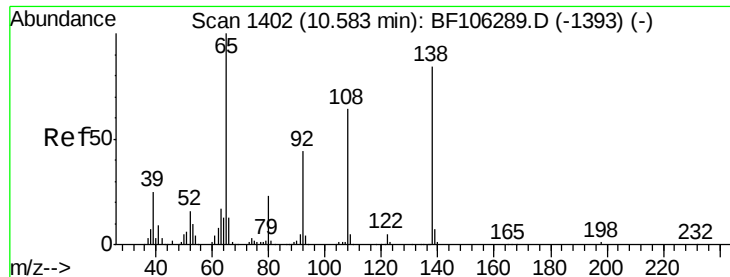
Acq: 13 Jun 2018 00:59

Tgt Ion:	204	Resp:	308324
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.5	39.7
141	59.0	54.6	81.8



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





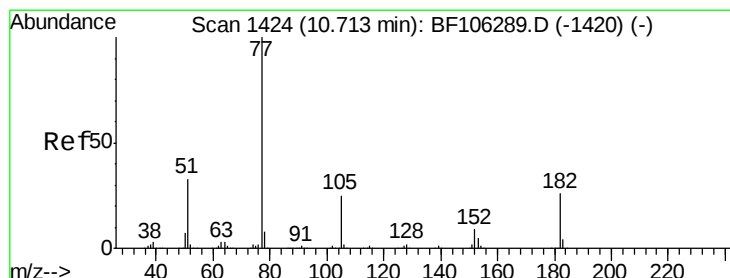
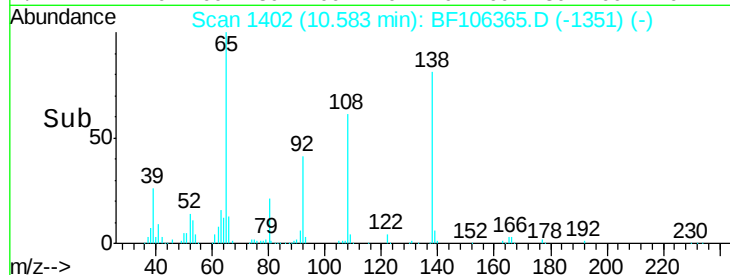
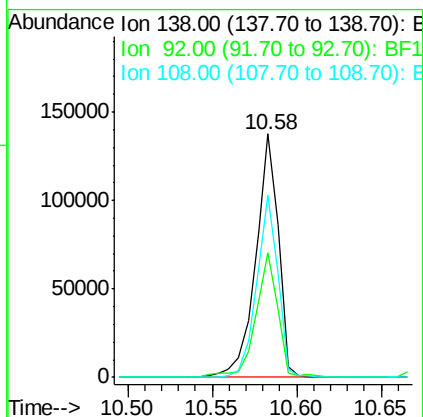
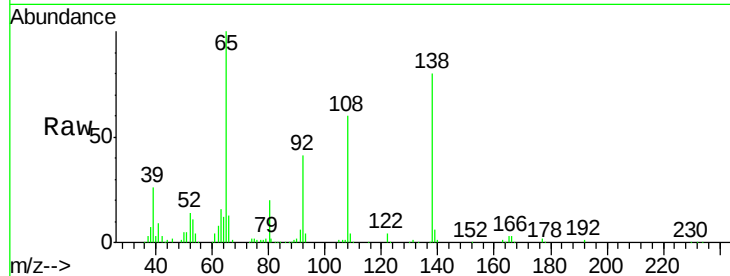
#61
4-Nitroaniline
Concen: 35.404 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.3	30.2	70.2
108	75.0	52.5	92.5

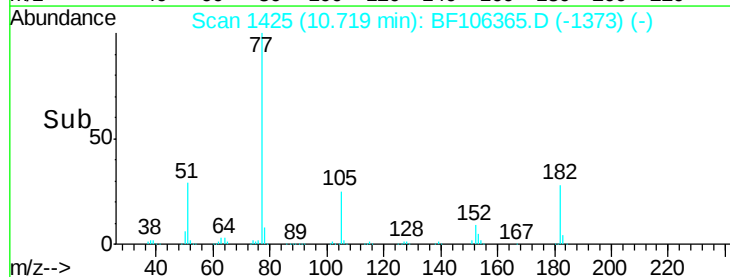
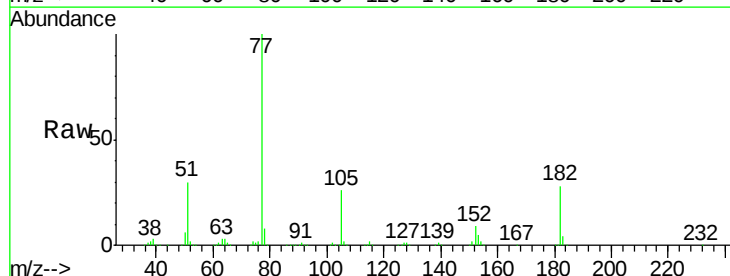
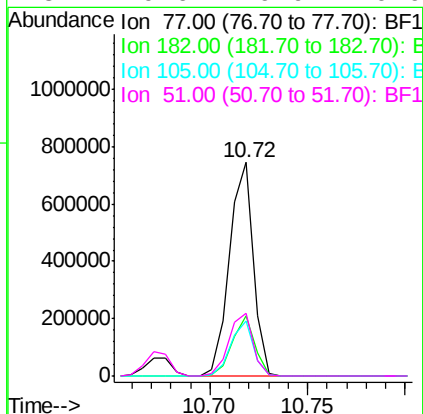
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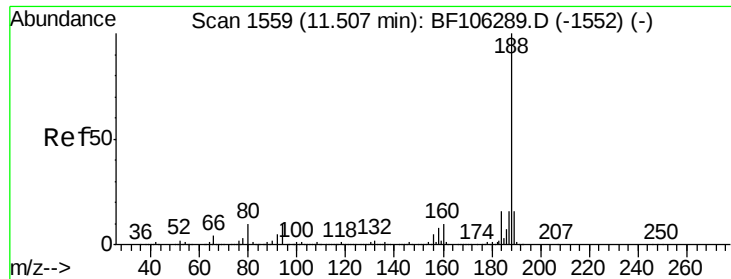
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#62
Azobenzene
Concen: 39.568 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	1.7	41.7
105	25.6	3.0	43.0
51	29.6	9.9	49.9





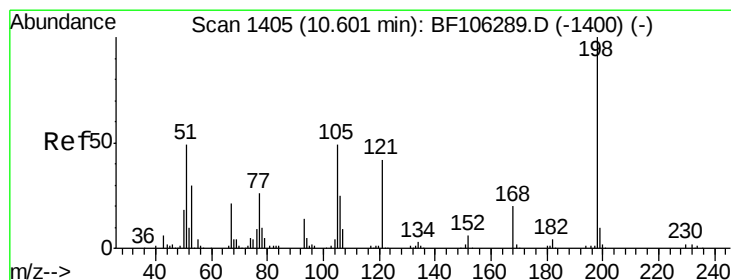
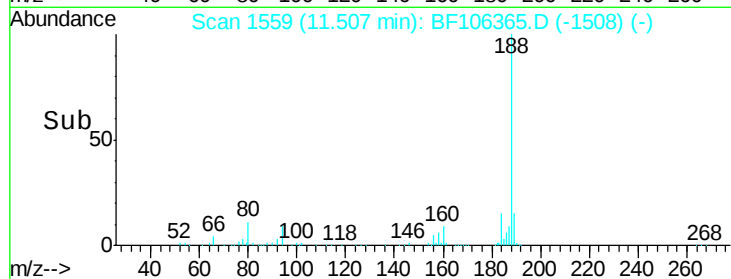
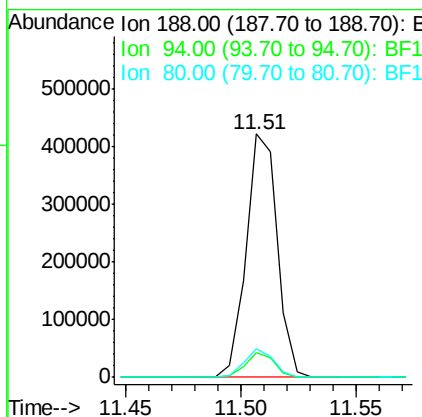
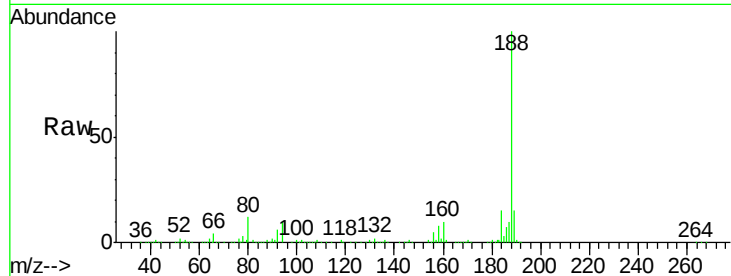
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampled :
 PB110114BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	398097		
94	10.4		8.5	12.7
80	11.7		9.2	13.8

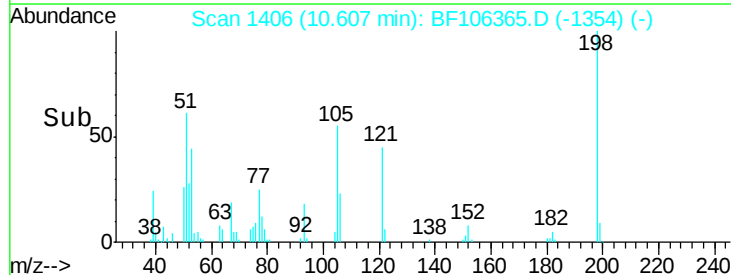
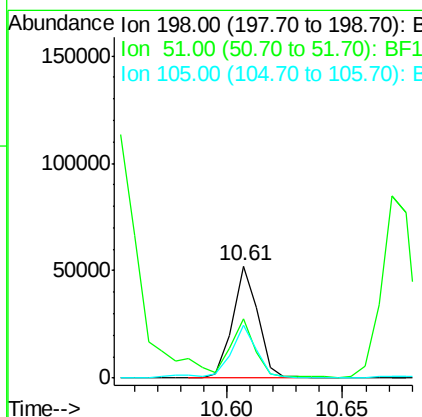
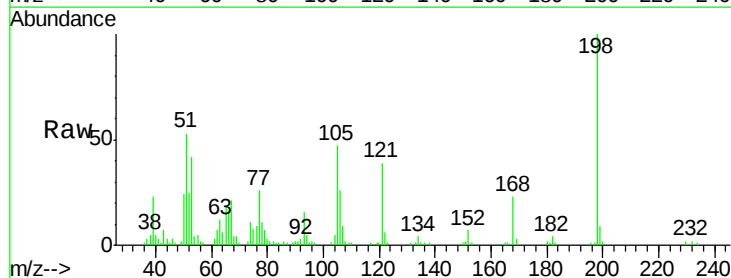
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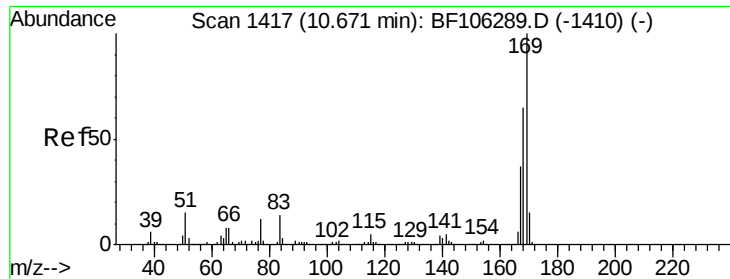
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.616 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	40341		
51	52.9		37.7	77.7
105	47.1		36.3	76.3





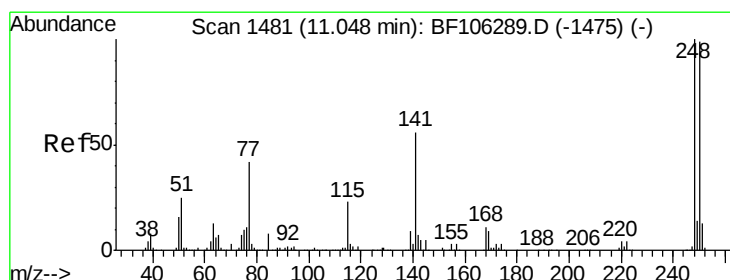
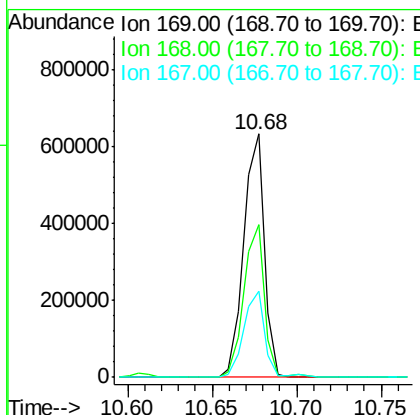
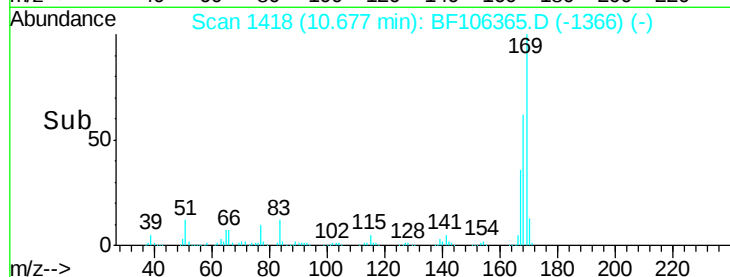
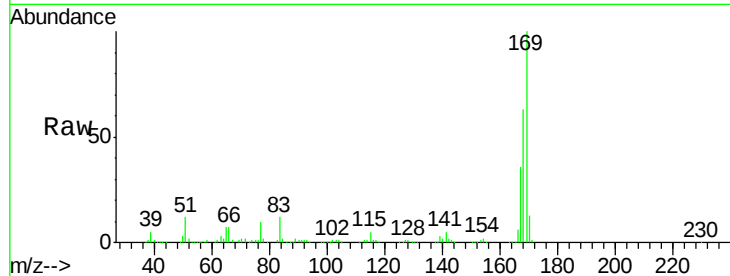
#65
n-Nitrosodiphenylamine
Concen: 40.410 ng
RT: 10.68 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.7	54.4	81.6
167	35.5	29.8	44.6

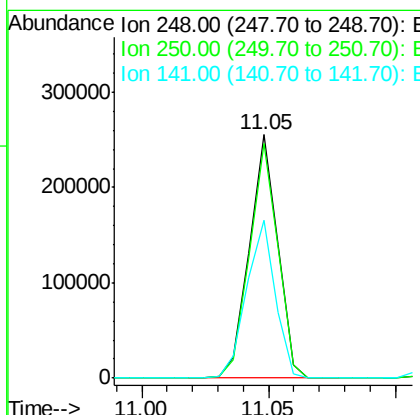
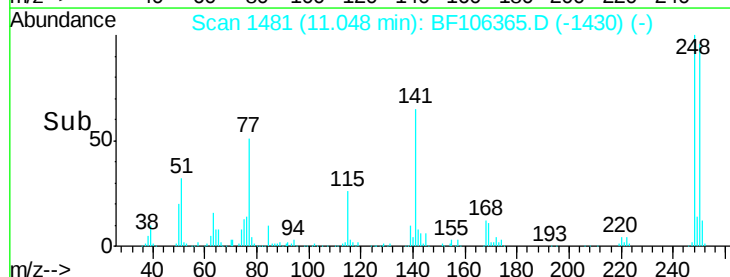
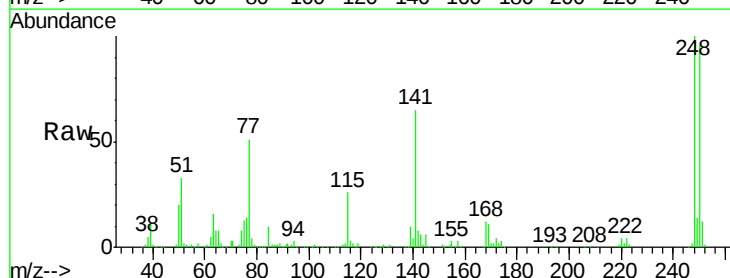
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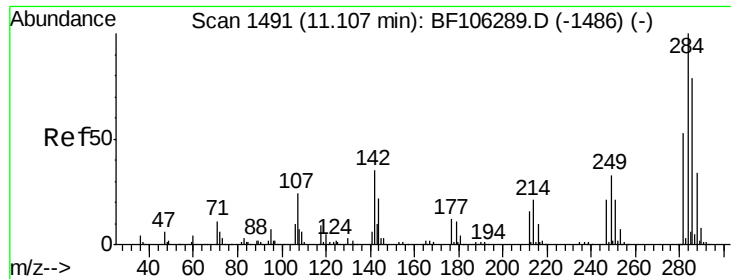
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#66
4-Bromophenyl-phenylether
Concen: 43.875 ng
RT: 11.05 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	65.0	74.4	111.6#





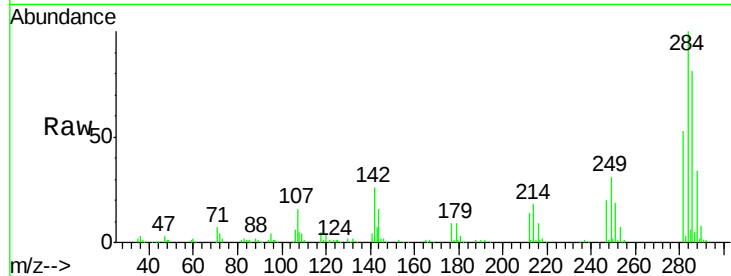
#67
Hexachlorobenzene
Concen: 42.032 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

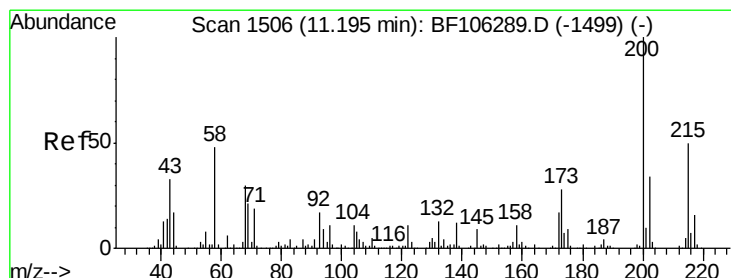
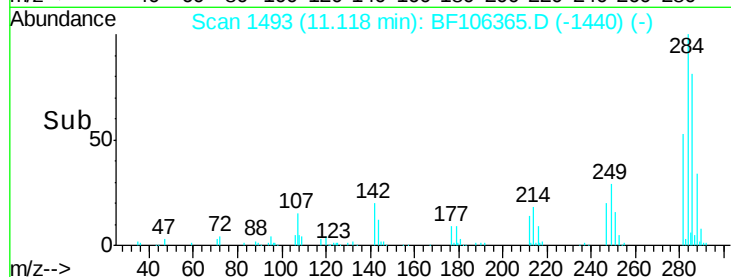
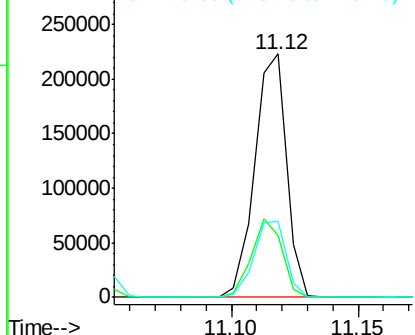
Tot Ion	Ratio	Resp	Lower	Upper
284	100	196208		
142	25.5	34.6	52.0	
249	31.1	24.8	37.2	

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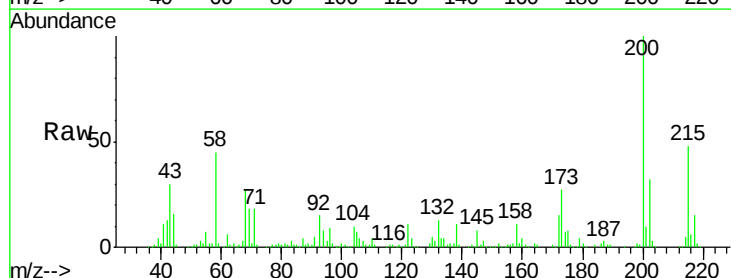


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

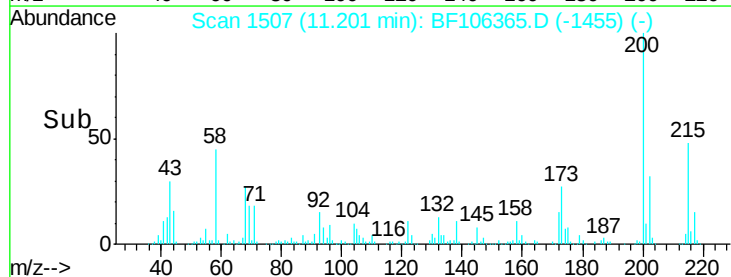
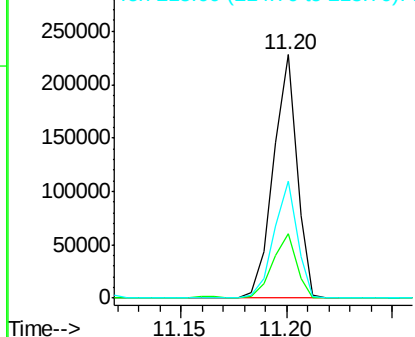


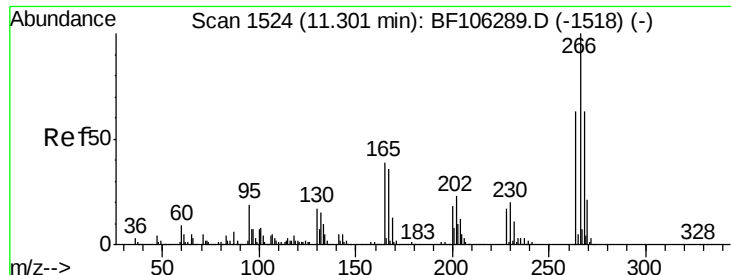
#68
Atrazine
Concen: 42.993 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	177266		
173	26.5	8.6	48.6	
215	47.9	25.1	65.1	



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





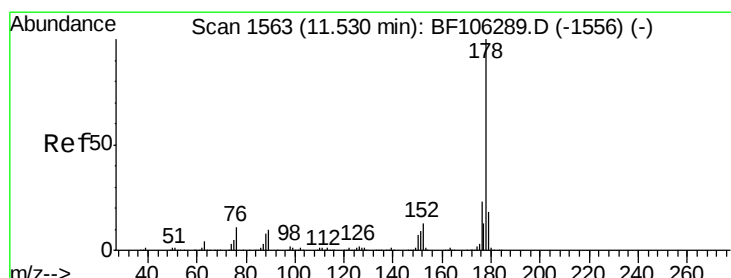
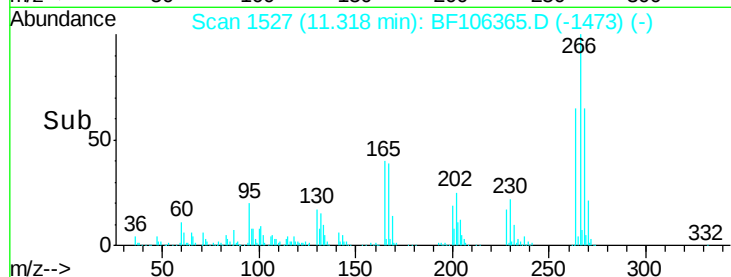
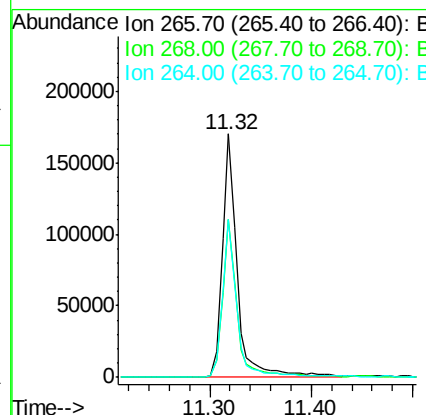
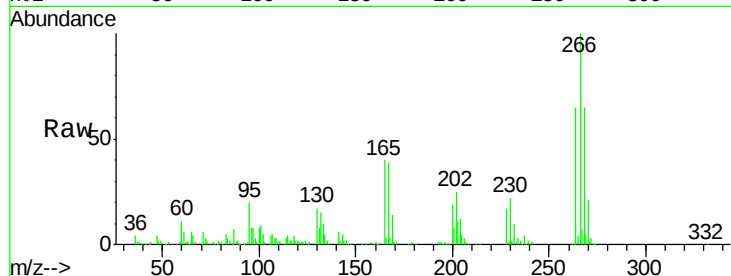
#69
 Pentachlorophenol
 Concen: 60.865 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.02 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	174922		
268	64.7	51.1	76.7	
264	65.1	49.5	74.3	

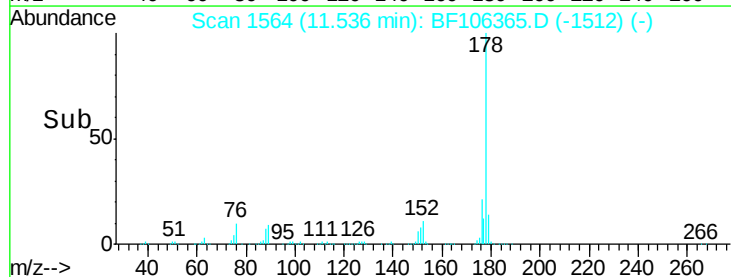
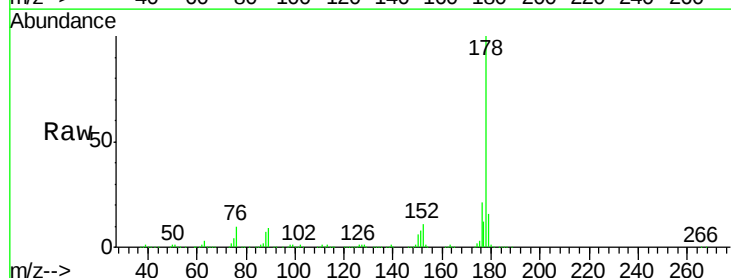
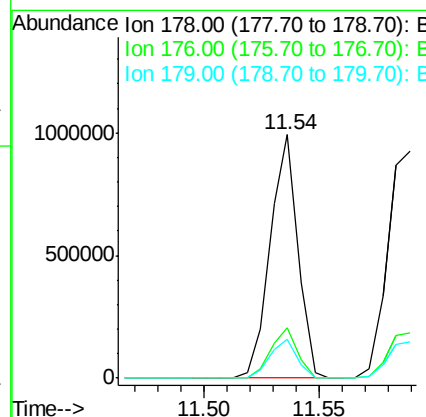
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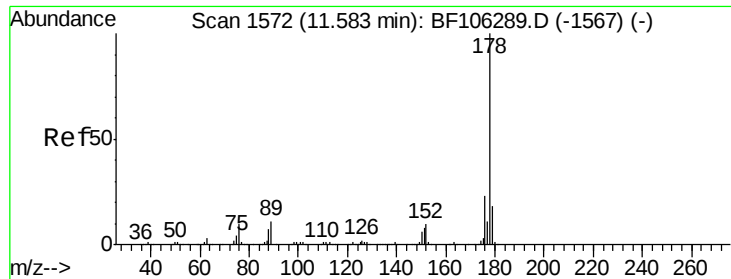
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#70
 Phenanthrene
 Concen: 42.319 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	825073		
176	20.8	15.8	23.8	
179	15.9	13.0	19.6	





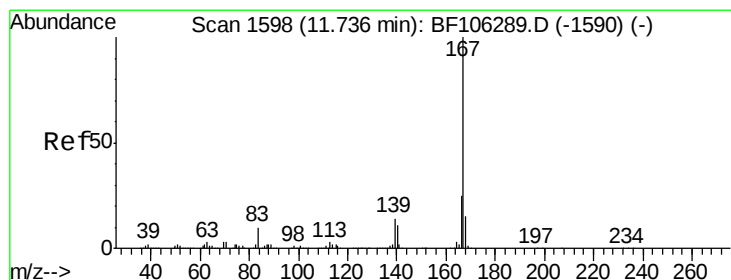
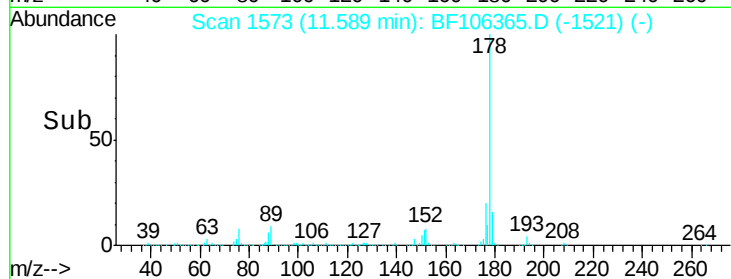
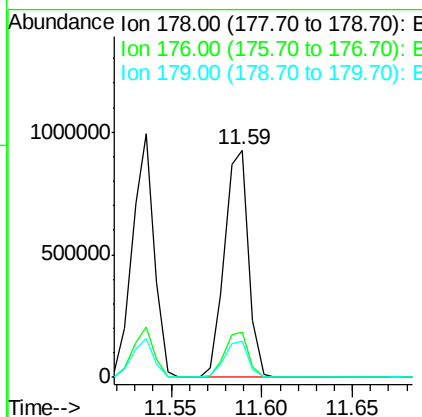
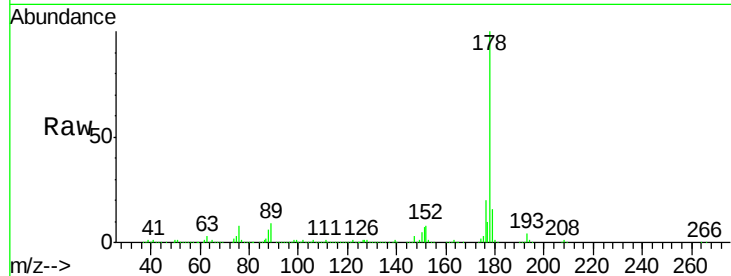
#71
 Anthracene
 Concen: 43.810 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.8	12.6	19.0

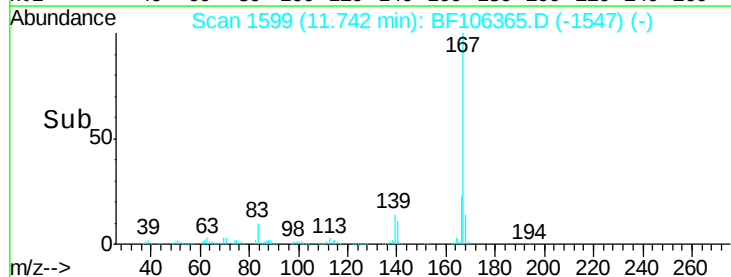
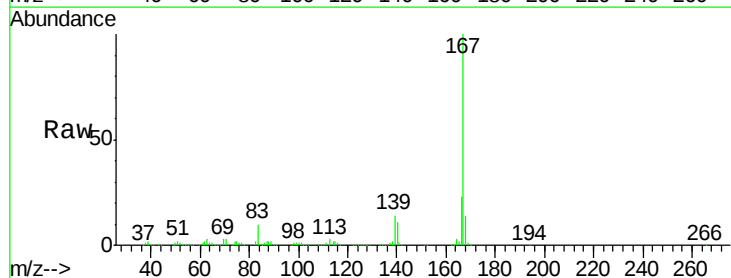
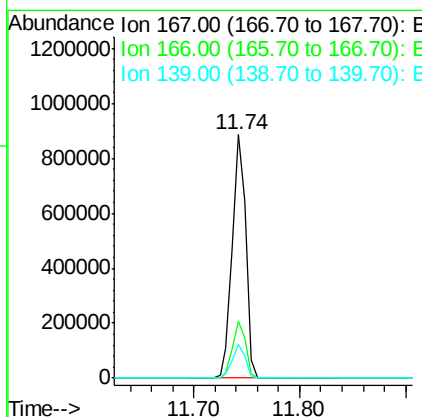
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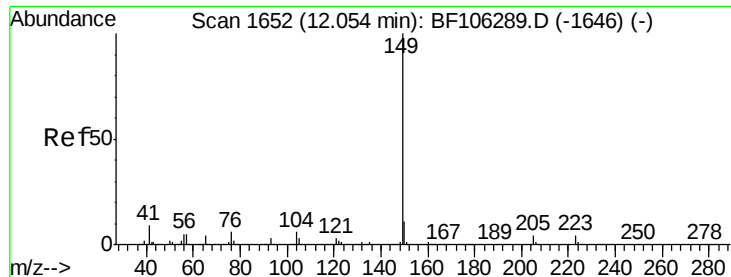
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#72
 Carbazole
 Concen: 42.928 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	13.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.305 ng

RT: 12.06 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

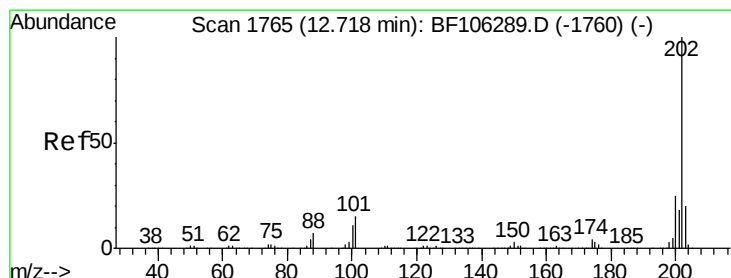
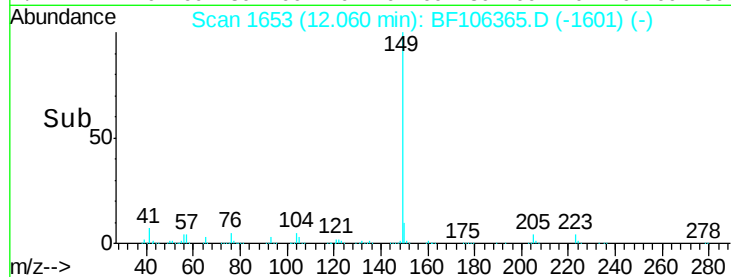
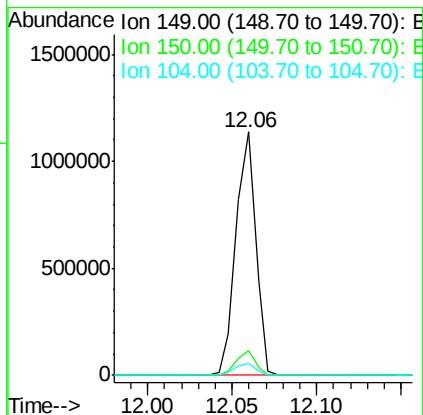
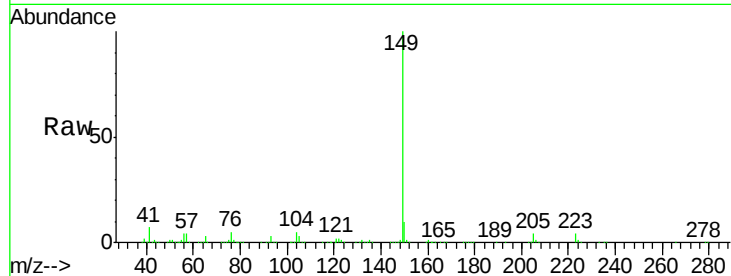
ClientSampleId :

PB110114BS

Tot Ion:	149	Resp:	929281
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.8	11.6
104	5.2	3.8	5.8

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#74

Fluoranthene

Concen: 46.018 ng

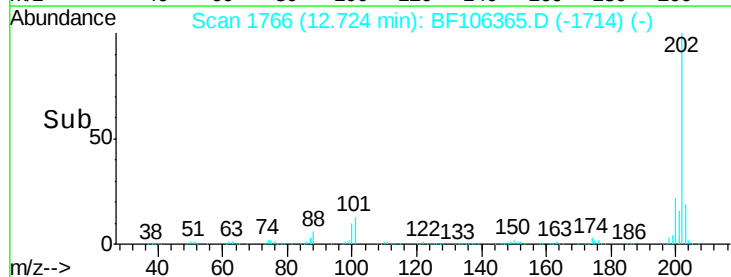
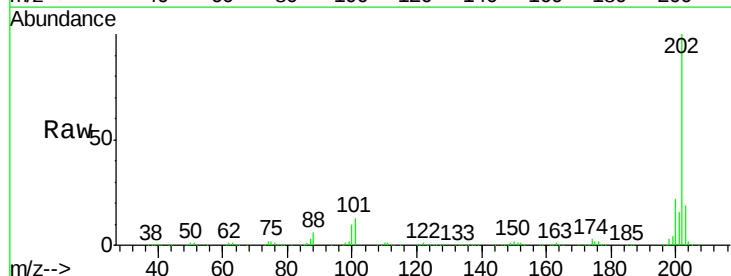
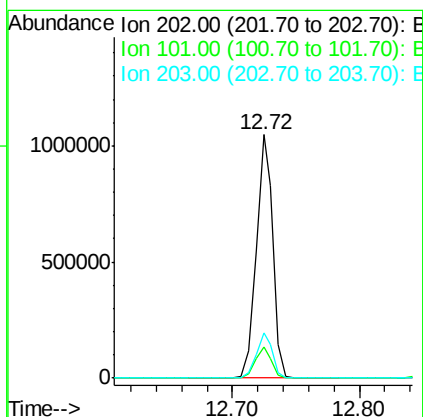
RT: 12.72 min Scan# 1766

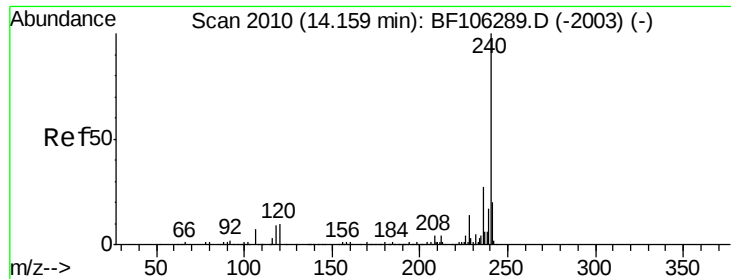
Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Tgt Ion:	202	Resp:	956806
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.1
203	18.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

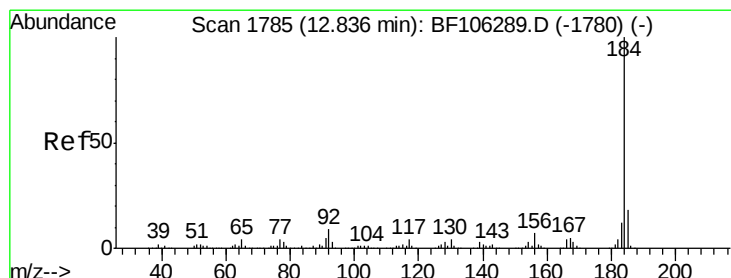
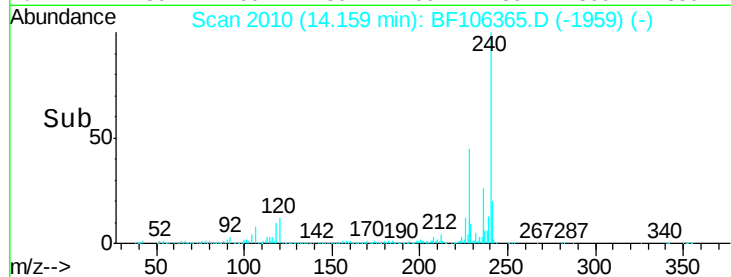
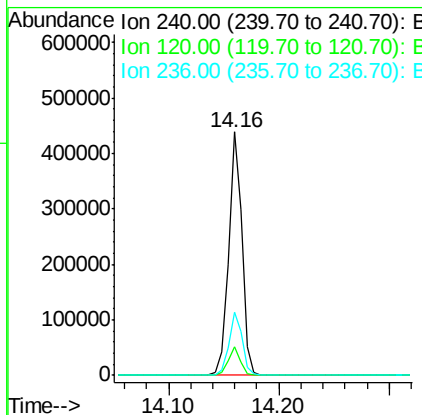
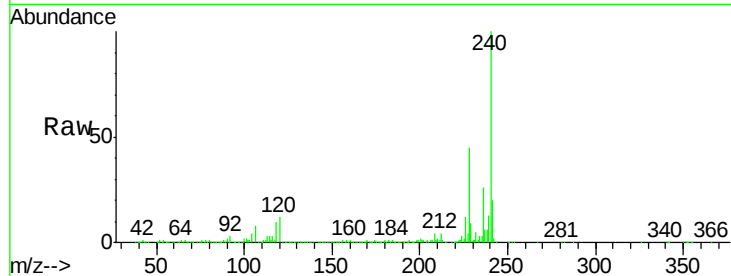
ClientSampleId :

PB110114BS

Tot Ion:	240	Resp:	370101
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 55.708 ng

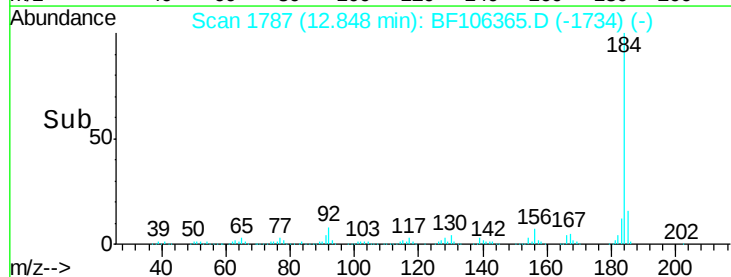
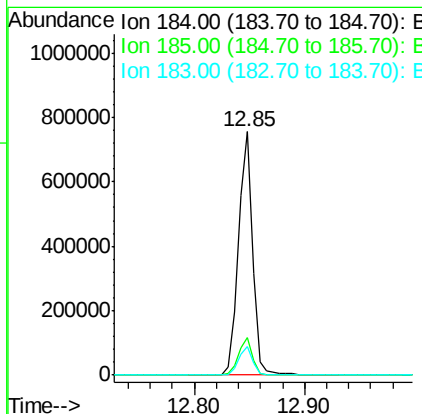
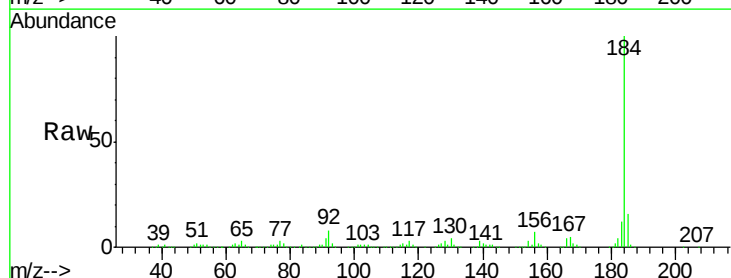
RT: 12.85 min Scan# 1787

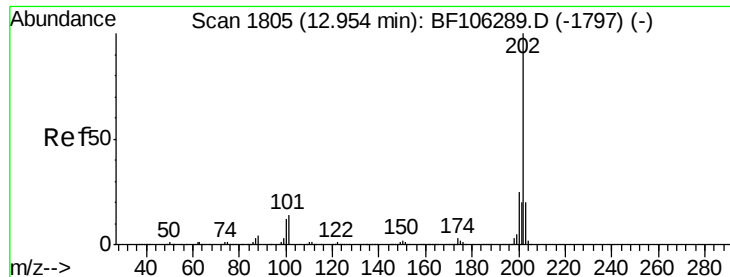
Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Tgt Ion:	184	Resp:	686177
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	12.0	9.3	13.9





#77

Pvrene

Concen: 42.213 ng

RT: 12.96 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

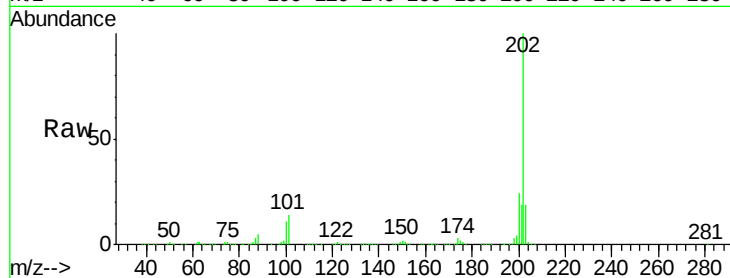
ClientSampleId :

PB110114BS

Tot Ion:	202	Resp:	978107
Ion Ratio		Lower	Upper
202	100		
200	23.6	17.4	26.2
203	18.9	14.3	21.5

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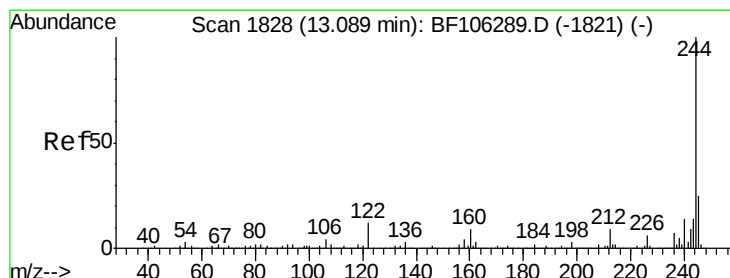
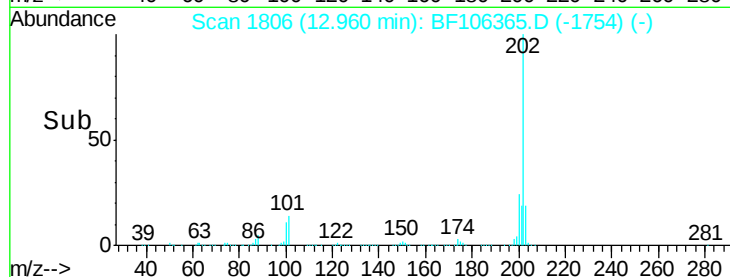
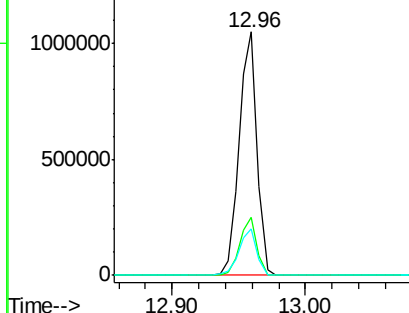
Sohil
6/13/2018 4:56:29 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.413 ng

RT: 13.09 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF106365.D

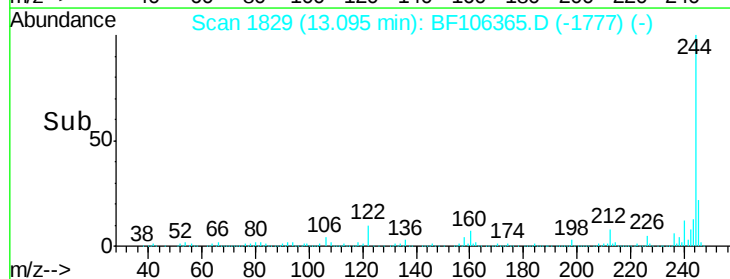
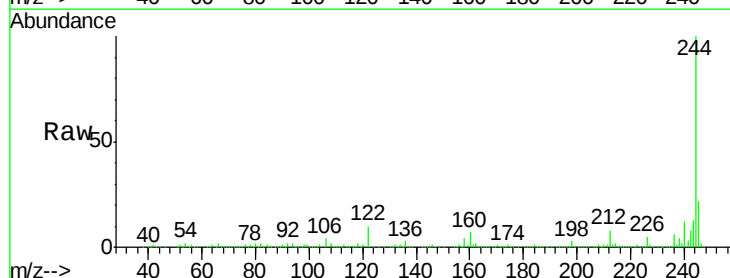
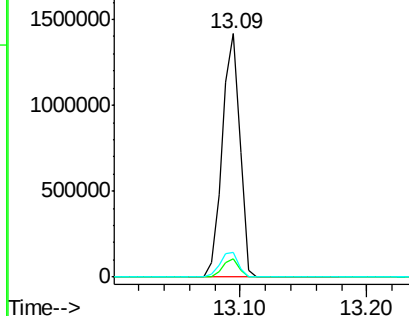
Acq: 13 Jun 2018 00:59

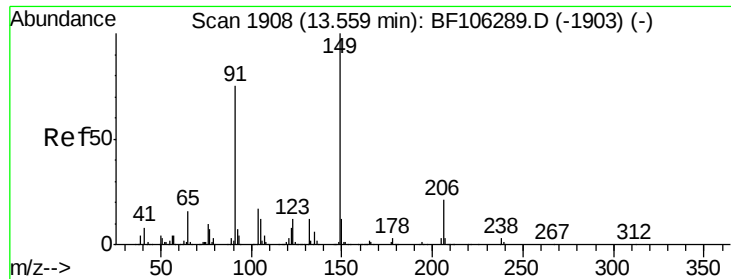
Tgt Ion:	244	Resp:	1377022
Ion Ratio		Lower	Upper
244	100		
212	7.6	5.4	8.0
122	10.3	11.0	16.4#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





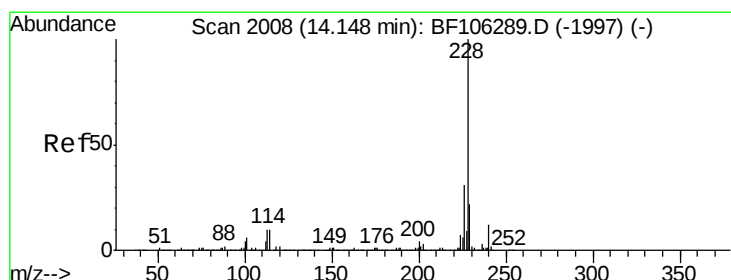
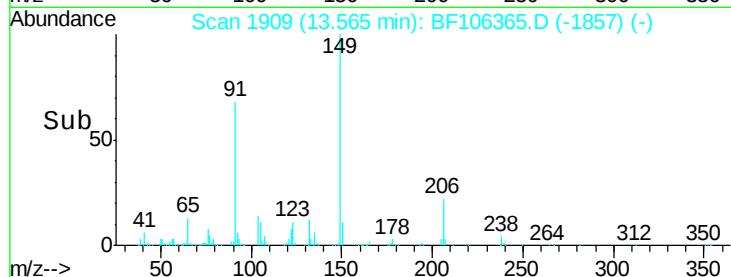
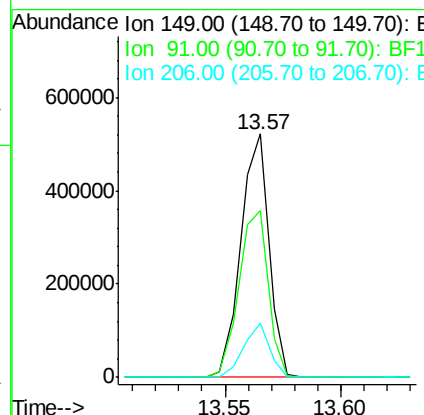
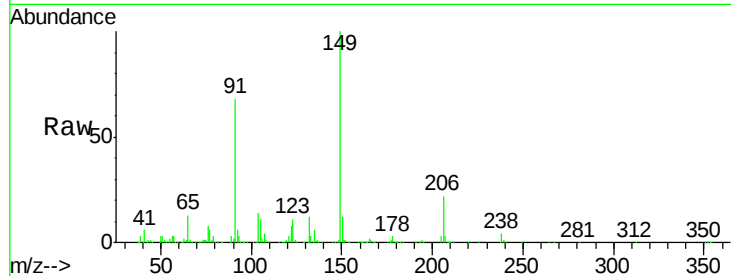
#79
Butylbenzylphthalate
Concen: 51.333 ng
RT: 13.57 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	445229		
91	68.5	56.8	85.2	
206	22.4	14.1	21.1	

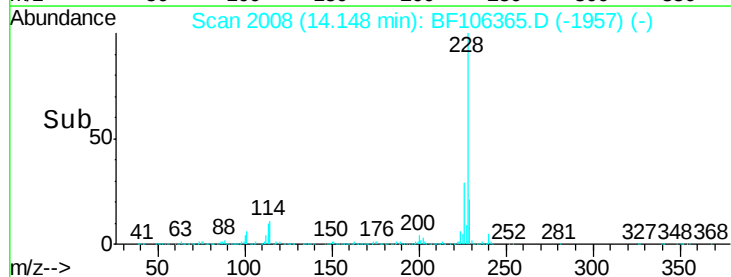
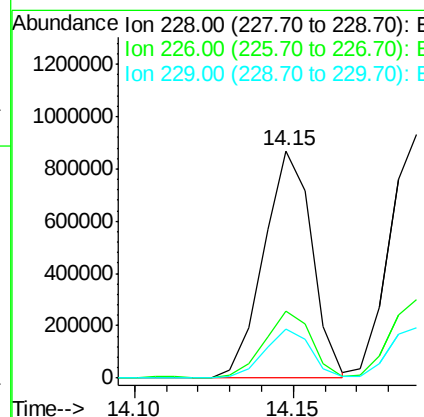
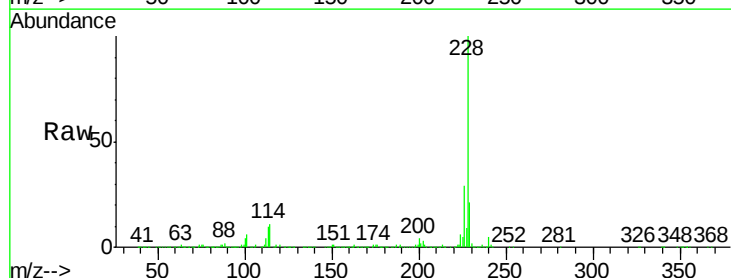
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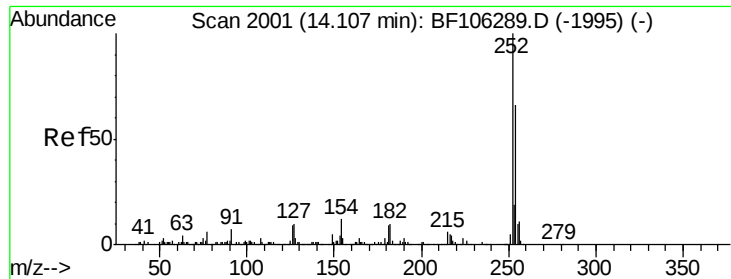
Sohil
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#80
Benzo(a)anthracene
Concen: 41.641 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	917112		
226	29.4	22.6	33.8	
229	21.3	15.8	23.6	





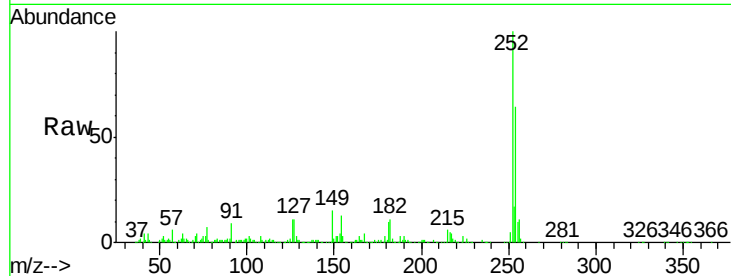
#81
 3,3'-Dichlorobenzidine
 Concen: 42.741 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampled :
 PB110114BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	10.6	11.3	16.9

Manual Integrations
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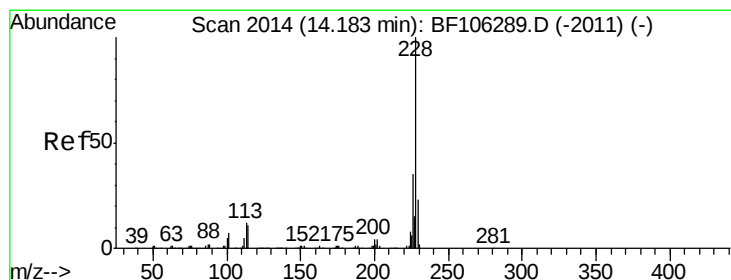
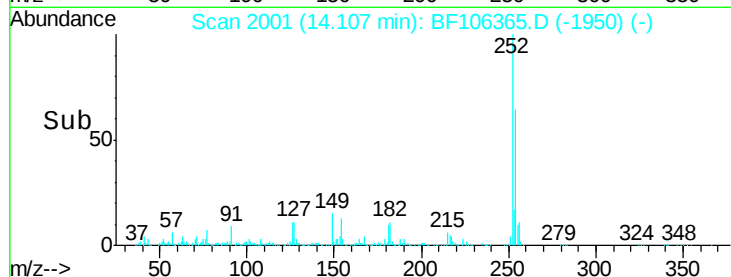
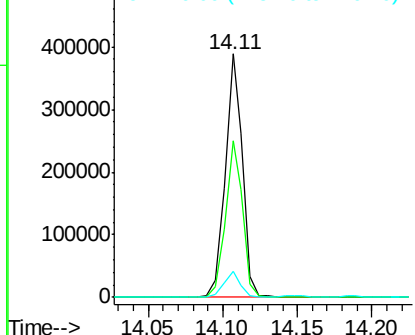


Abundance

Ion 252.00 (251.70 to 252.70): E

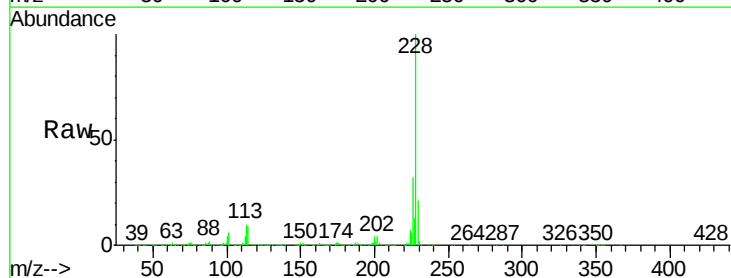
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 41.892 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	20.5	16.2	24.4

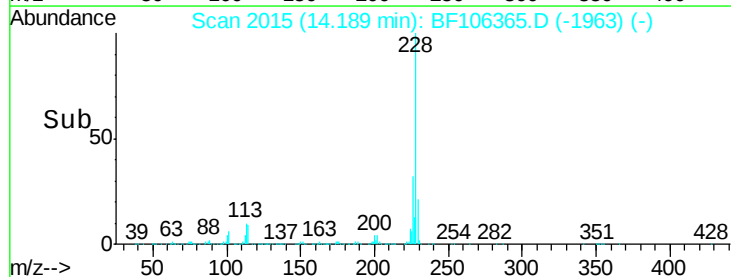
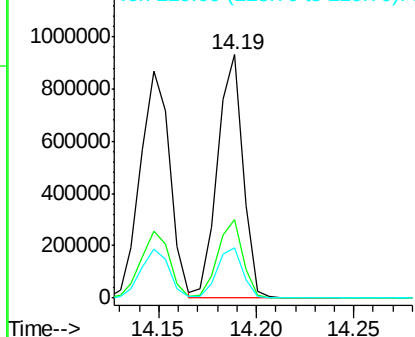


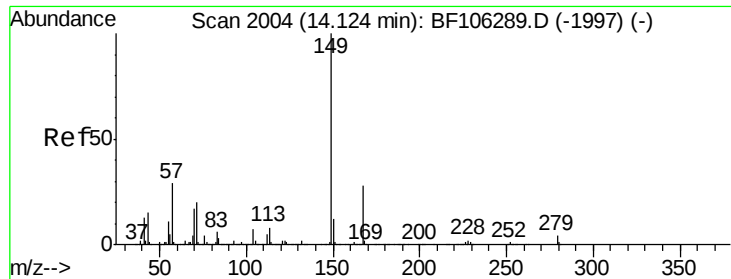
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





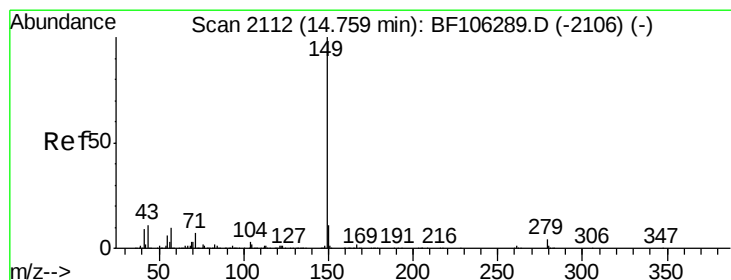
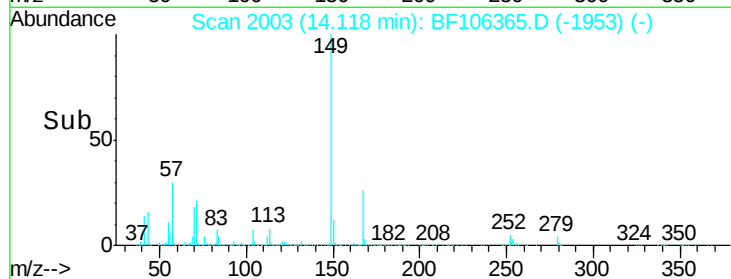
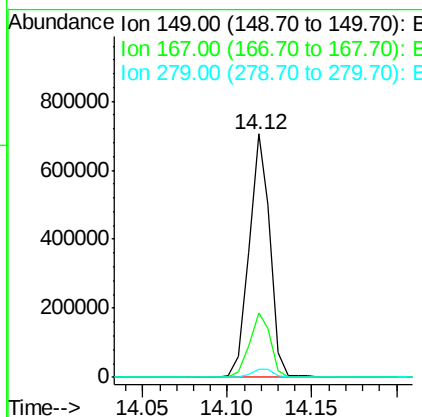
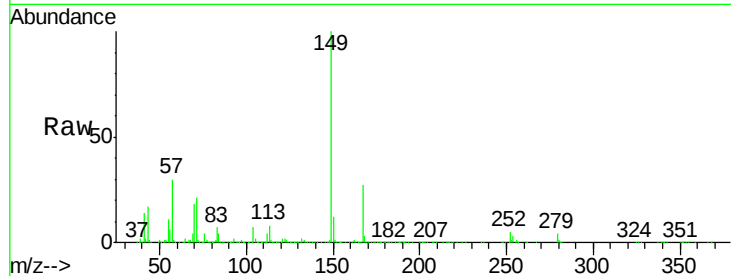
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.752 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.5	3.0	4.4

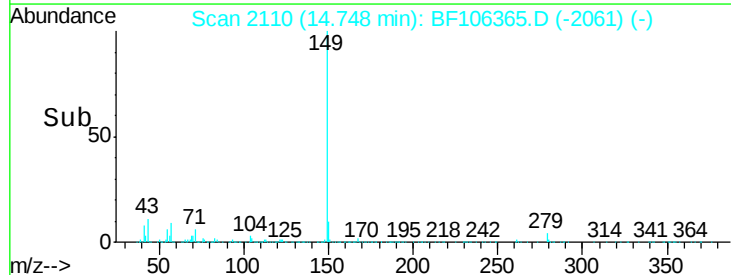
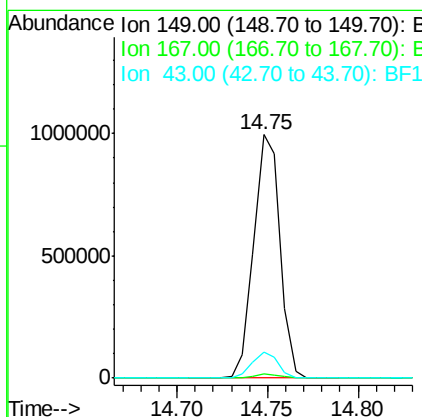
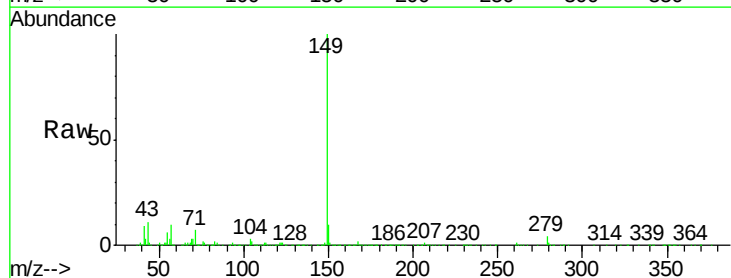
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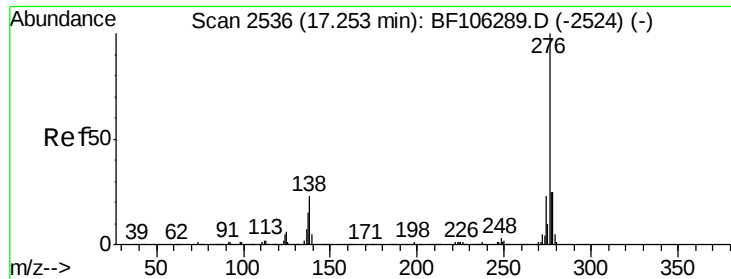
Sohil
 6/13/2018 4:56:29 PM



#84
 Di-n-octyl phthalate
 Concen: 55.879 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.2	8.4	12.6





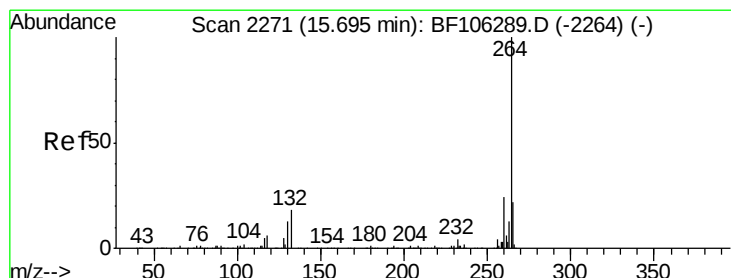
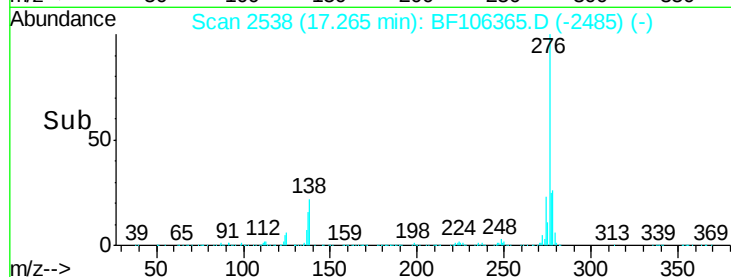
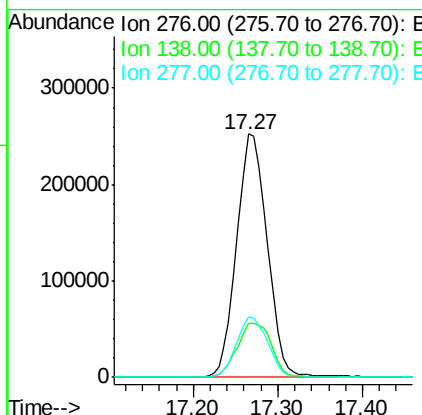
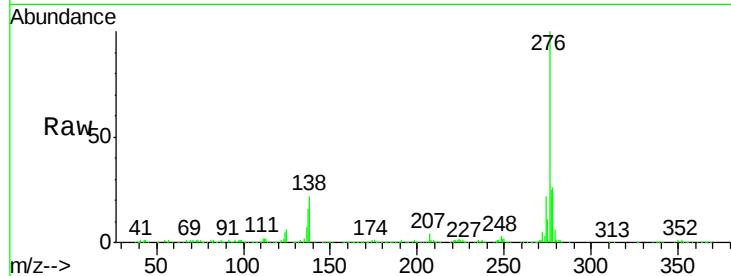
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.563 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	25.7	20.1	30.1

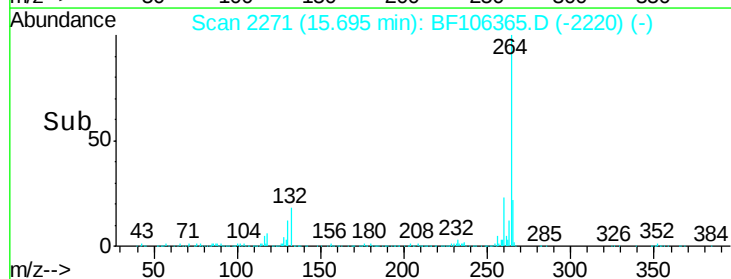
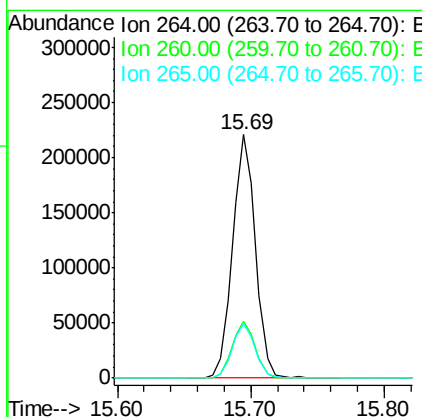
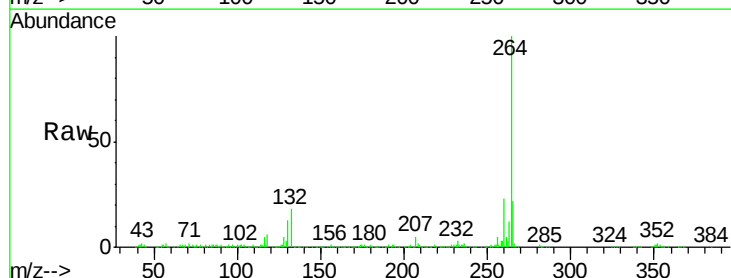
Manual Integrations
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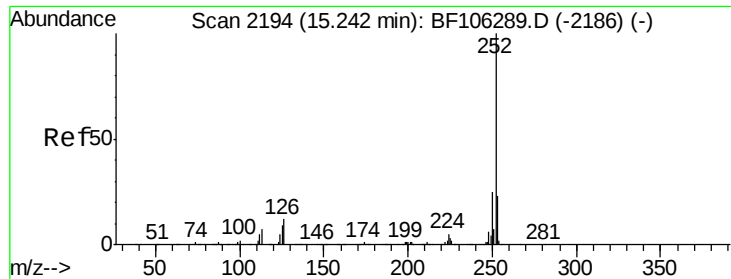
Sohil
 6/13/2018 4:56:29 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.800 ng

RT: 15.24 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Instrument :

BNA_F

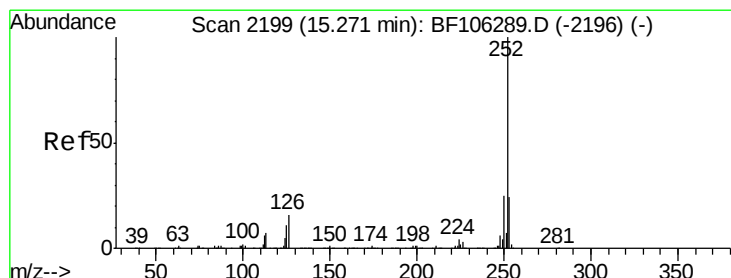
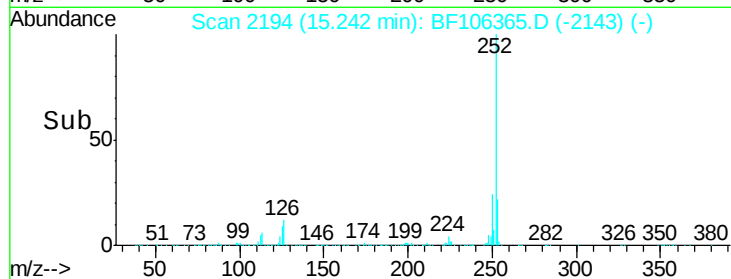
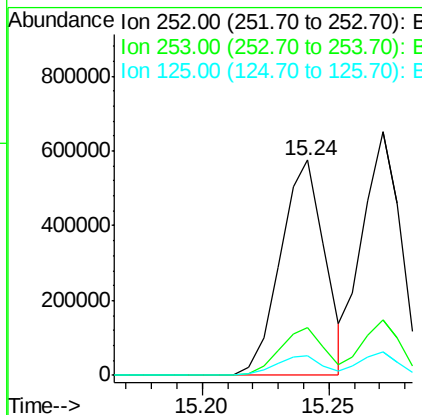
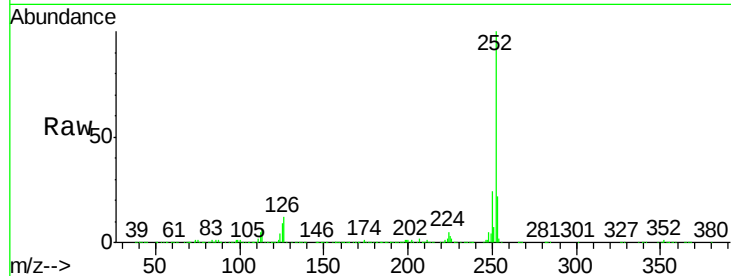
ClientSampleId :

PB110114BS

Tot Ion:	252	Resp:	701635
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	9.2	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.306 ng

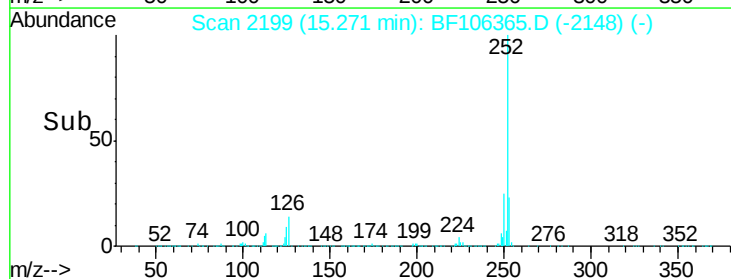
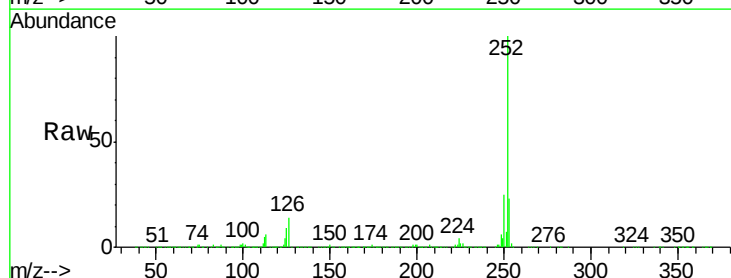
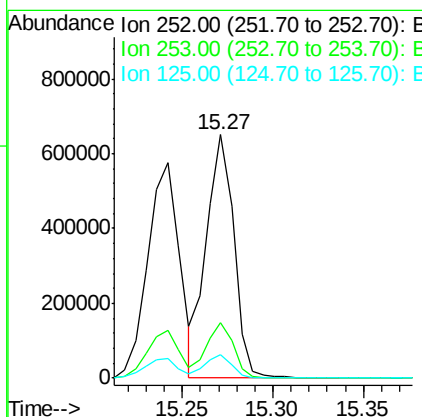
RT: 15.27 min Scan# 2199

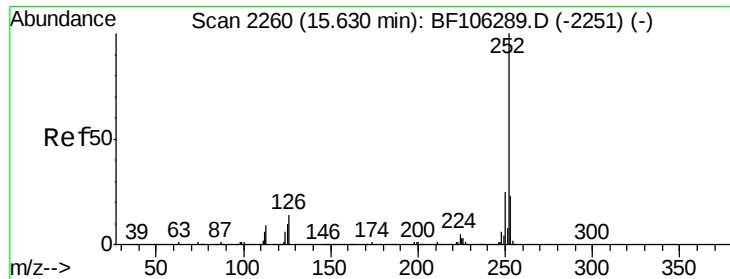
Delta R.T. 0.00 min

Lab File: BF106365.D

Acq: 13 Jun 2018 00:59

Tgt Ion:	252	Resp:	687037
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.9	26.9
125	9.5	10.2	15.2#





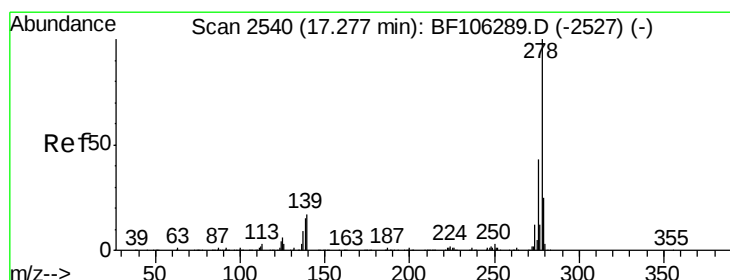
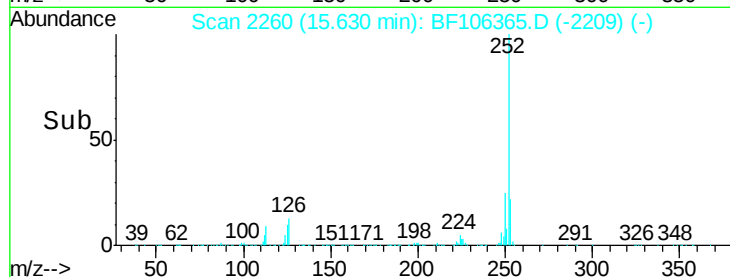
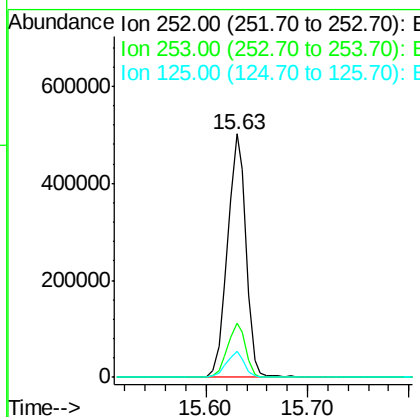
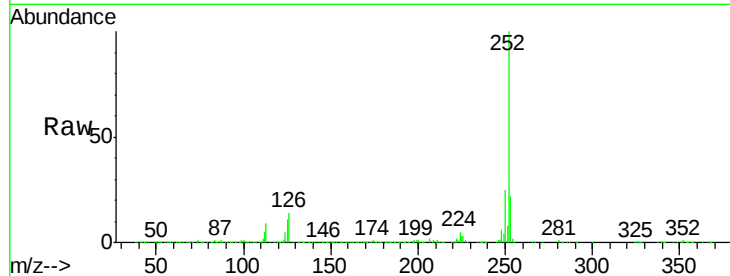
#89
Benzo(a)pyrene
Concen: 44.231 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB110114BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	10.5	9.8	14.6

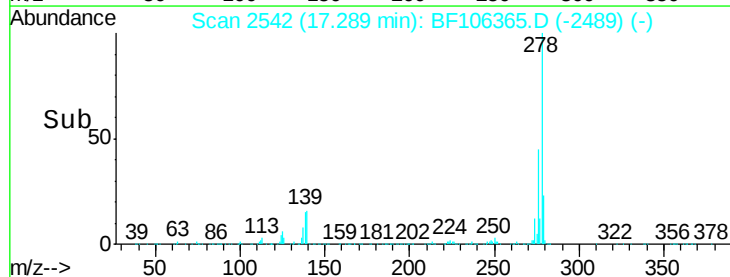
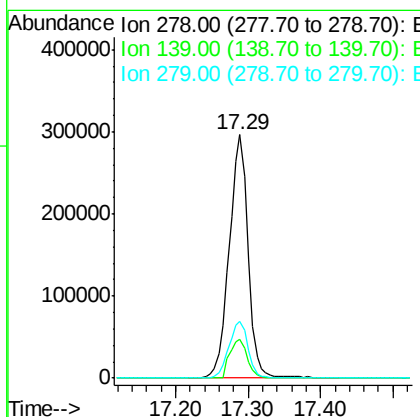
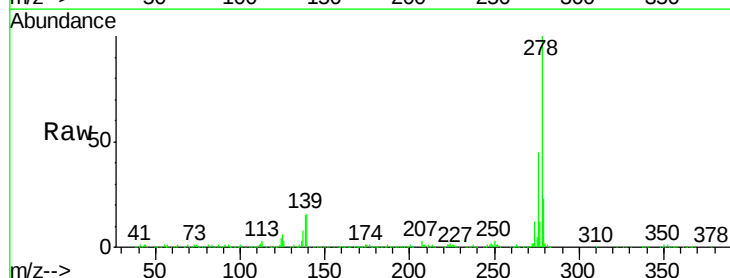
Manual Integrations
APPROVED

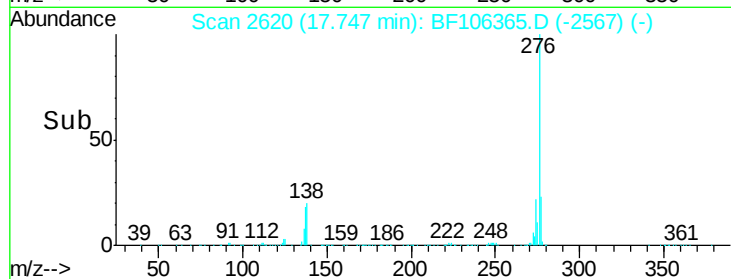
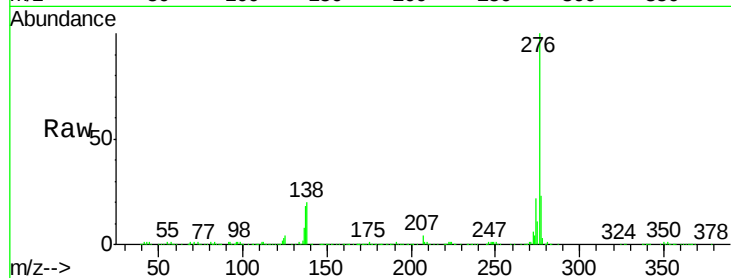
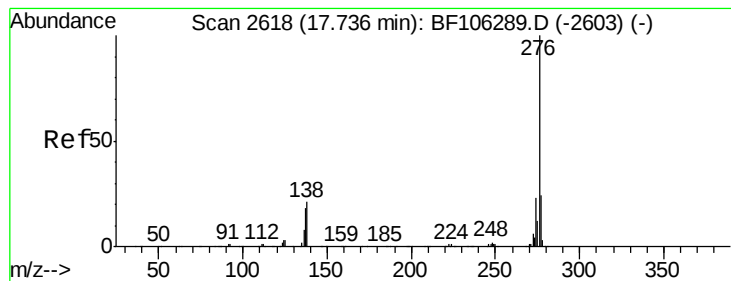
Sohil
6/13/2018 4:56:29 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.771 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF106365.D
Acq: 13 Jun 2018 00:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.763 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. 0.01 min
 Lab File: BF106365.D
 Acq: 13 Jun 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110114BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	20.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 6/13/2018 4:56:29 PM

