

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106914.D
 Acq On : 28 Jun 2018 12:23
 Operator : JU/SJ
 Sample : PB110625BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BS

Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:30:32 PM

Quant Time: Jun 28 16:06:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78096	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	298753	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	159270	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	328667	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	266444	20.00	ng	-0.01
86) Perylene-d12	15.69	264	216775	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	559595	121.33	ng	0.00
7) Phenol-d6	6.61	99	711017	123.45	ng	0.00
23) Nitrobenzene-d5	7.52	82	453667	84.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	261709	141.77	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	870059	94.03	ng	-0.01
78) Terphenyl-d14	13.08	244	1075063	97.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.89	88	78505	33.109	ng	97
3) Pyridine	3.66	79	231929	36.067	ng	97
4) n-Nitrosodimethylamine	3.63	42	93324	34.169	ng	82
6) Aniline	6.62	93	137216	17.563	ng	# 88
8) 2-Chlorophenol	6.75	128	210244	41.562	ng	98
9) Benzaldehyde	6.51	77	145023	36.183	ng	92
10) Phenol	6.62	94	250007	38.036	ng	86
11) bis(2-Chloroethyl)ether	6.69	93	205832	37.932	ng	100
12) 1,3-Dichlorobenzene	6.90	146	247409	41.759	ng	98
13) 1,4-Dichlorobenzene	6.97	146	246172	41.098	ng	98
14) 1,2-Dichlorobenzene	7.12	146	229208	41.754	ng	98
15) Benzyl Alcohol	7.10	79	180555	39.042	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	286544	40.248	ng	71
17) 2-Methylphenol	7.21	107	182066	42.058	ng	# 91
18) Hexachloroethane	7.46	117	84089	39.921	ng	# 90
19) n-Nitroso-di-n-propylamine	7.37	70	142874	37.633	ng	92
20) 3+4-Methylphenols	7.37	107	223267	48.993	ng	# 62
22) Acetophenone	7.37	105	287962	43.083	ng	# 96
24) Nitrobenzene	7.54	77	223359	40.696	ng	97
25) Isophorone	7.78	82	411650	43.455	ng	100
26) 2-Nitrophenol	7.85	139	120313	46.436	ng	97
27) 2,4-Dimethylphenol	7.89	122	194446	48.554	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	258398	40.626	ng	98
29) 2,4-Dichlorophenol	8.10	162	197691	47.152	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	216867	46.954	ng	98
31) Naphthalene	8.26	128	612479	43.850	ng	99
32) Benzoic acid	8.01	122	71982	27.491	ng	97
33) 4-Chloroaniline	8.31	127	48096	8.206	ng	98
34) Hexachlorobutadiene	8.37	225	142327	47.292	ng	98
35) Caprolactam	8.69	113	68376m	50.031	ng	
36) 4-Chloro-3-methylphenol	8.81	107	202146	45.806	ng	94
37) 2-Methylnaphthalene	8.95	142	449083	48.507	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	238165	44.403	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	186221	67.481	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	142422	39.946	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	148177	39.829	nq	# 87
45) 1,1'-Biphenyl	9.41	154	543137	42.790	nq	98
46) 2-Chloronaphthalene	9.44	162	402131	40.248	nq	96
47) 2-Nitroaniline	9.54	65	124667	37.106	nq	93
48) Acenaphthylene	9.86	152	638545	40.480	nq	98
49) Dimethylphthalate	9.71	163	474911	39.757	nq	98
50) 2,6-Dinitrotoluene	9.78	165	113275	44.782	nq	91
51) Acenaphthene	10.03	154	383963	38.655	nq	98
52) 3-Nitroaniline	9.95	138	48024	16.499	nq	99
53) 2,4-Dinitrophenol	10.07	184	87103	67.152	nq	# 13
54) Dibenzofuran	10.21	168	591432	43.483	nq	97
55) 4-Nitrophenol	10.14	139	122019	60.056	nq	96
56) 2,4-Dinitrotoluene	10.20	165	150856	45.691	nq	# 85
57) Fluorene	10.55	166	473290	43.850	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	136300	46.089	nq	# 76
59) Diethylphthalate	10.41	149	454308	39.404	nq	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	244153	43.233	nq	# 85
61) 4-Nitroaniline	10.58	138	116960	40.488	nq	96
62) Azobenzene	10.70	77	432769	38.117	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	77785	38.287	nq	# 66
65) n-Nitrosodiphenylamine	10.66	169	409059	37.003	nq	98
66) 4-Bromophenyl-phenylether	11.03	248	171762	43.789	nq	# 75
67) Hexachlorobenzene	11.10	284	183380	44.668	nq	# 86
68) Atrazine	11.18	200	153070	43.556	nq	94
69) Pentachlorophenol	11.30	266	123156	60.122	nq	98
70) Phenanthrene	11.52	178	699821	44.146	nq	99
71) Anthracene	11.57	178	723771	44.731	nq	99
72) Carbazole	11.73	167	642853	42.436	nq	98
73) Di-n-butylphthalate	12.04	149	694919	38.938	nq	100
74) Fluoranthene	12.71	202	781306	44.717	nq	95
76) Benzidine	12.83	184	245391	32.338	nq	96
77) Pyrene	12.94	202	791456	45.046	nq	100
79) Butylbenzylphthalate	13.54	149	292749	40.525	nq	# 95
80) Benzo(a)anthracene	14.14	228	699104	43.051	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	97591	17.099	nq	# 96
82) Chrysene	14.18	228	640921	42.900	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	361938	39.189	nq	# 96
84) Di-n-octyl phthalate	14.74	149	535958	35.601	nq	95
85) Indeno(1,2,3-cd)pyrene	17.28	276	606731	47.856	nq	# 89
87) Benzo(b)fluoranthene	15.24	252	551338	40.943	nq	# 96
88) Benzo(k)fluoranthene	15.27	252	530805	41.393	nq	# 96
89) Benzo(a)pyrene	15.63	252	526724	44.000	nq	# 96
90) Dibenzo(a,h)anthracene	17.29	278	498278	49.115	nq	# 93
91) Benzo(g,h,i)perylene	17.77	276	529648	53.413	nq	# 88

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

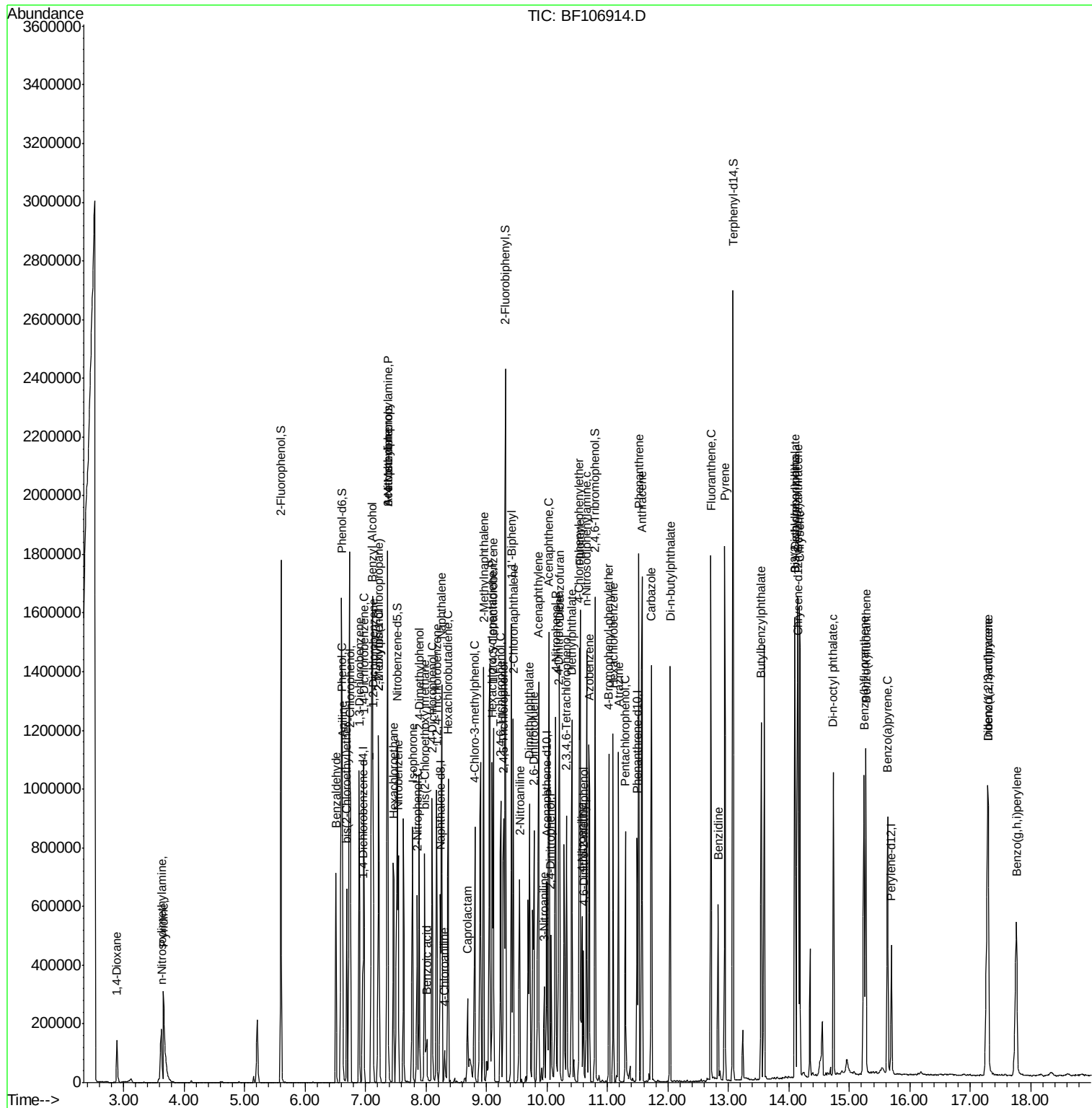
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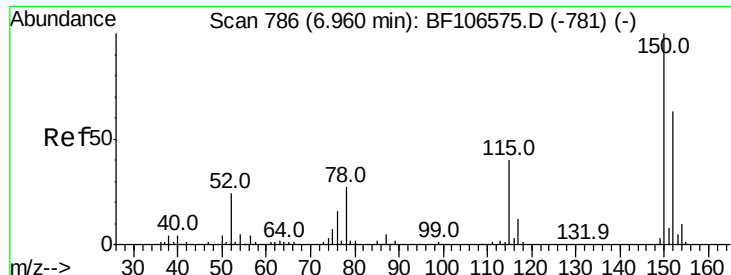
Instrument :
 BNA_F
 ClientSampled :
 PB110625BS

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#1

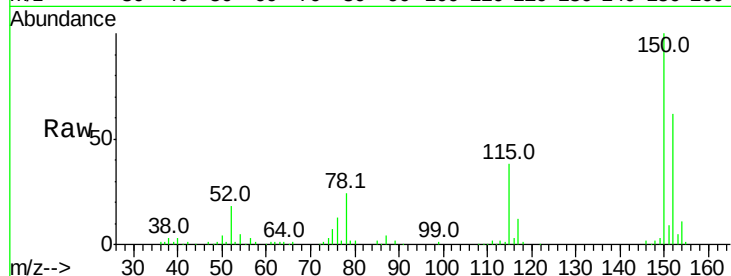
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

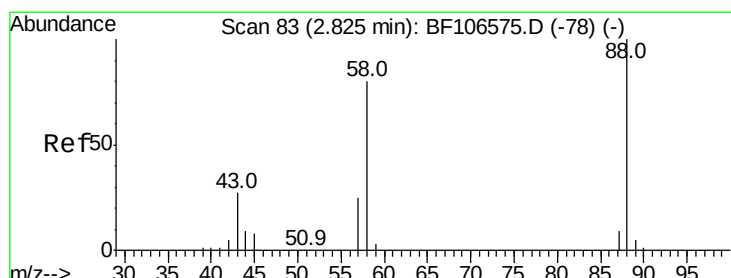
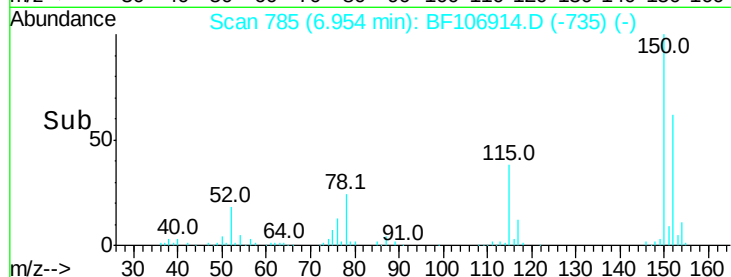
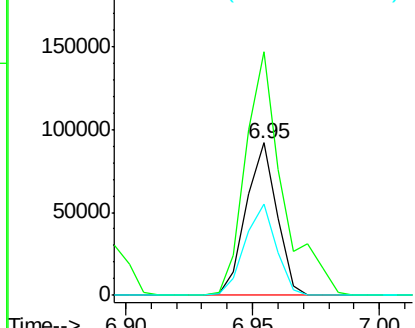
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	60.3	50.1	75.1

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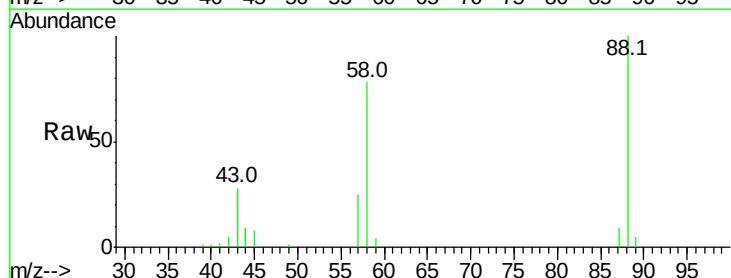
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



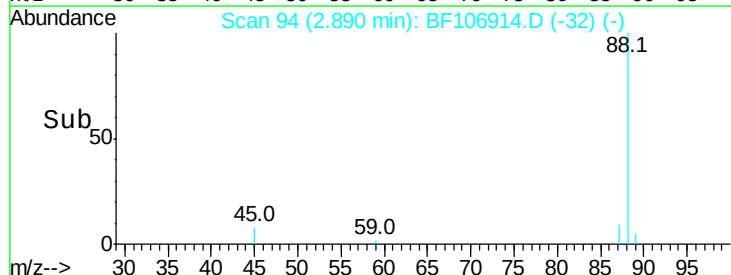
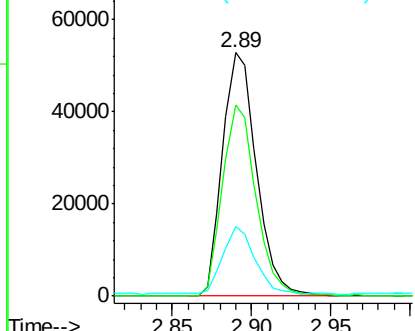
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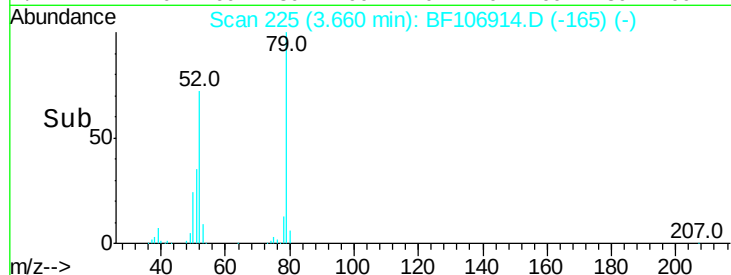
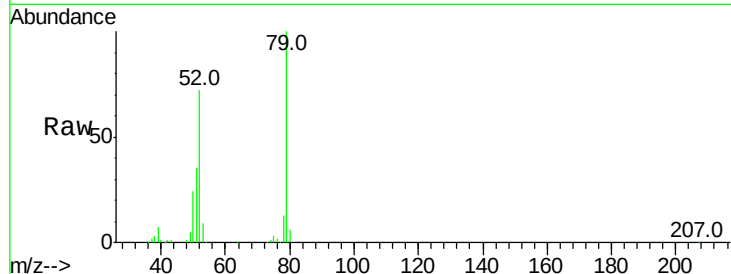
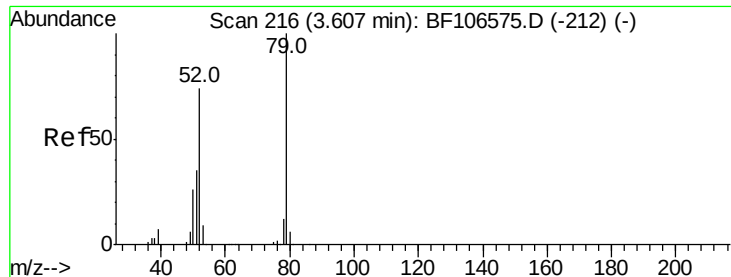
1,4-Dioxane
Concen: 33.109 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	62.6	93.8
43	25.4	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





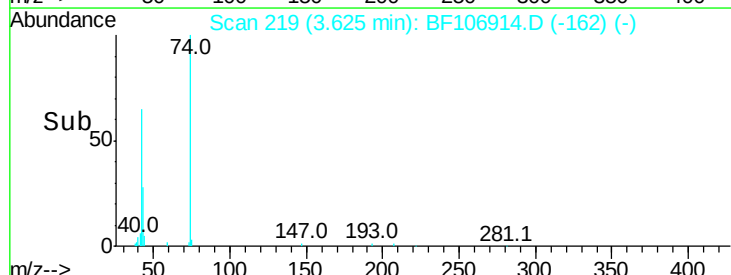
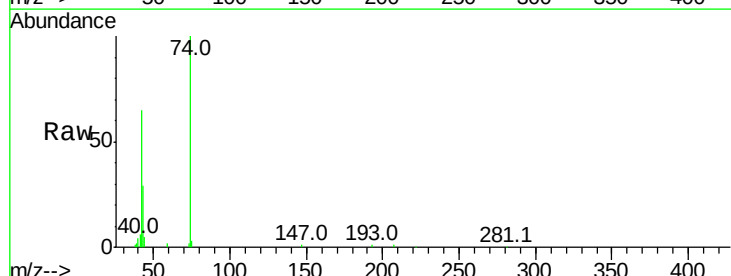
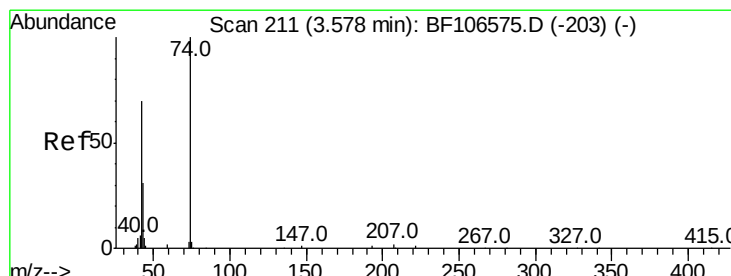
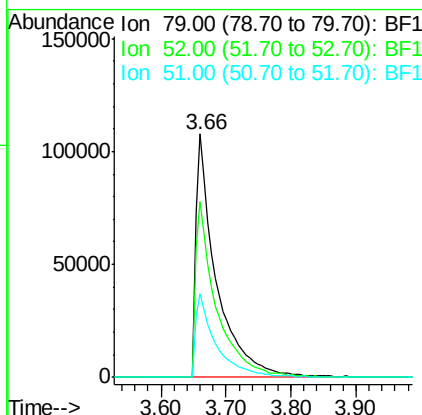
#3
 Pvridine
 Concen: 36.067 ng
 RT: 3.66 min Scan# 225
 Delta R.T. 0.05 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tot Ion	79	Resp	231929
Ion Ratio	Lower	Upper	
79	100		
52	72.3	59.8	89.6
51	34.5	29.8	44.8

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 PB110625BS

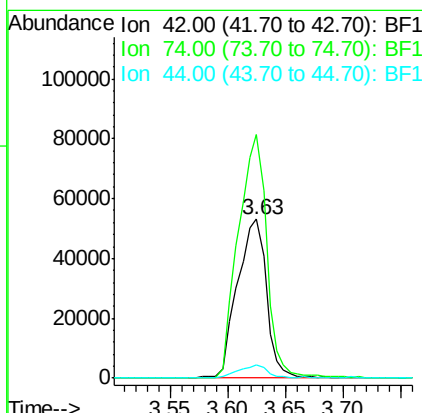
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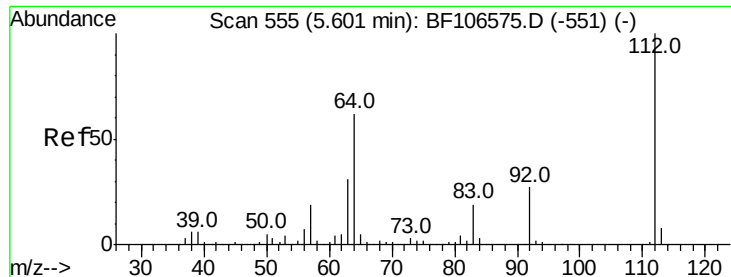
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#4
 n-Nitrosodimethylamine
 Concen: 34.169 ng
 RT: 3.63 min Scan# 219
 Delta R.T. 0.04 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tgt Ion	42	Resp	93324
Ion Ratio	Lower	Upper	
42	100		
74	153.4	104.9	157.3
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 121.334 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

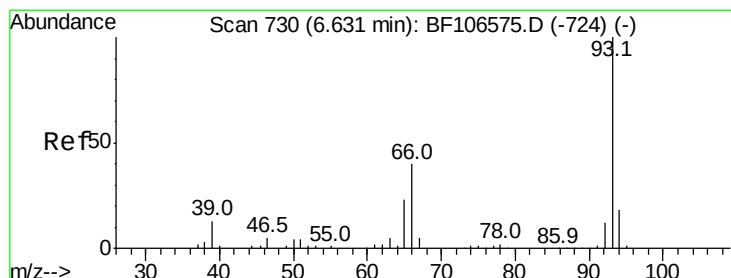
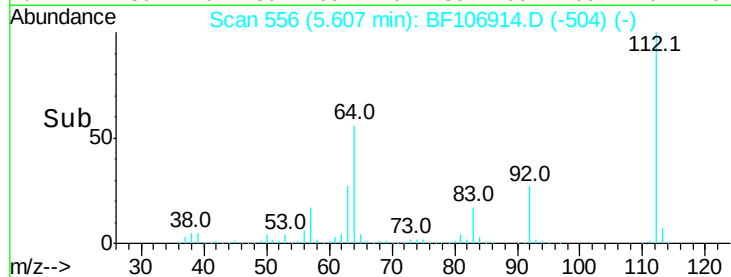
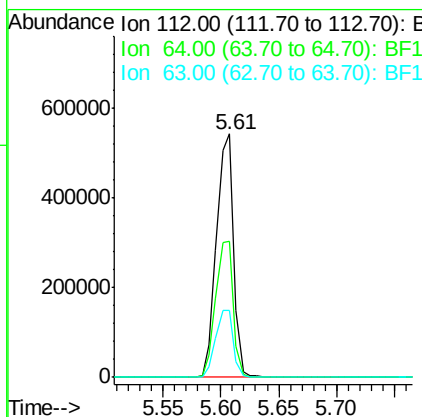
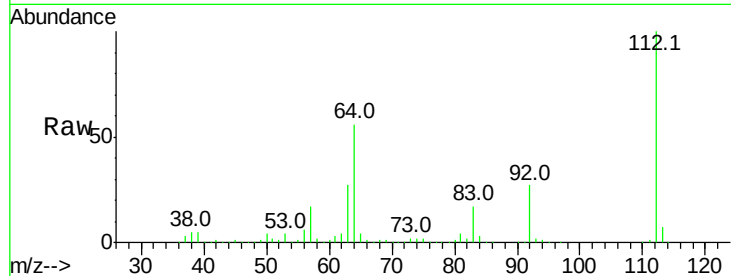
ClientSampleId :

PB110625BS

Tot Ion:	112	Resp:	559595
Ion Ratio	Lower	Upper	
112	100		
64	55.9	47.9	71.9
63	27.5	23.7	35.5

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#6

Aniline

Concen: 17.563 ng

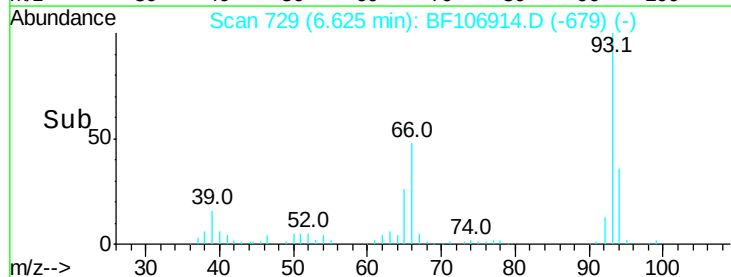
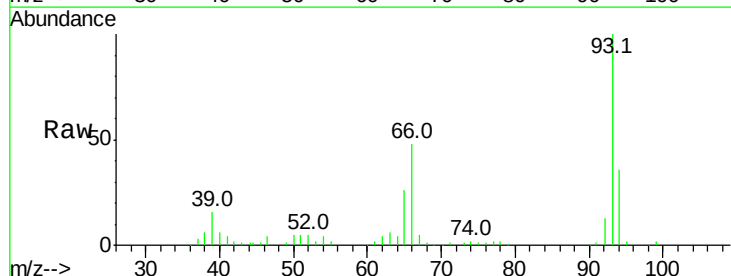
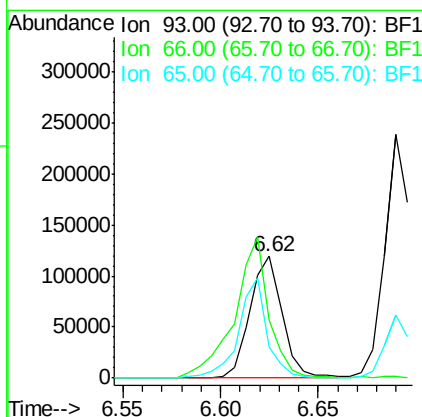
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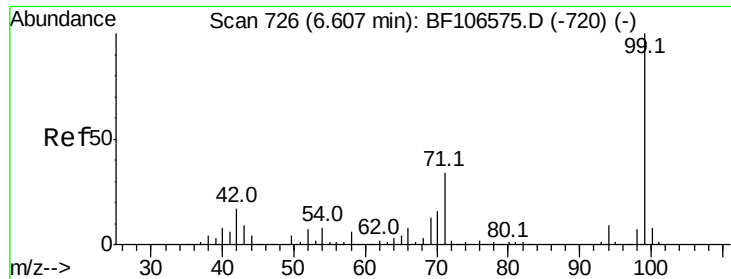
Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion:	93	Resp:	137216
Ion Ratio	Lower	Upper	
93	100		
66	48.1	32.2	48.2
65	25.9	16.4	24.6





#7

Phenol-d6

Concen: 123.451 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

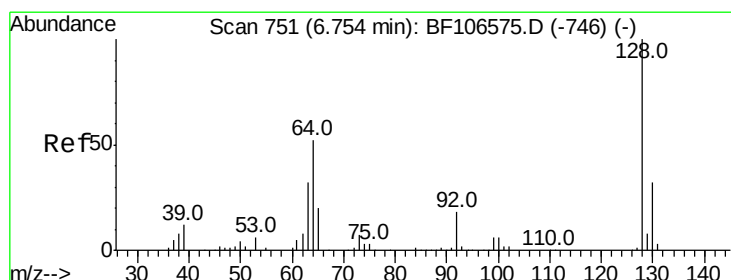
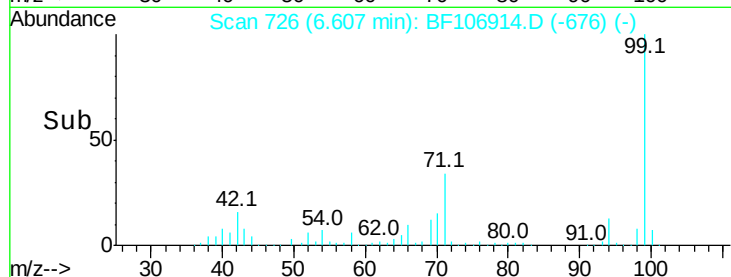
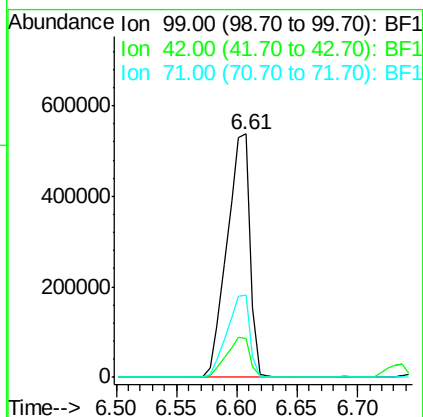
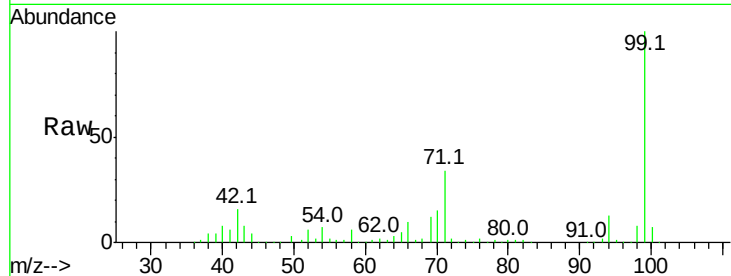
ClientSampleId :

PB110625BS

Tot Ion:	99	Resp:	711017
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	33.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 41.562 ng

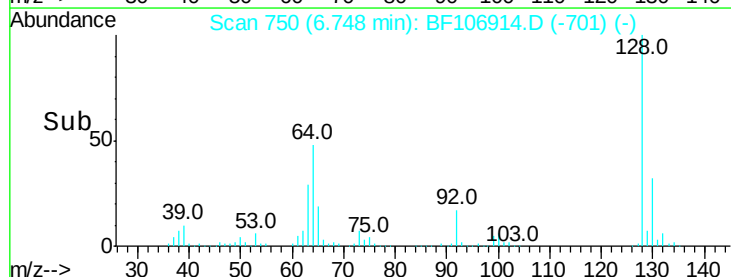
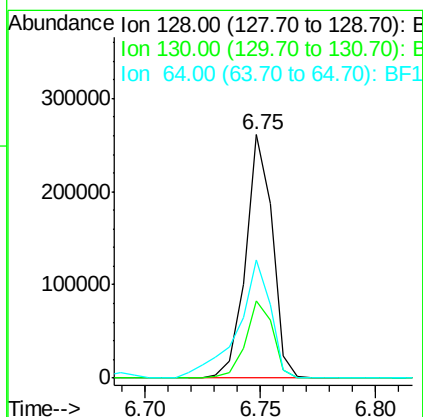
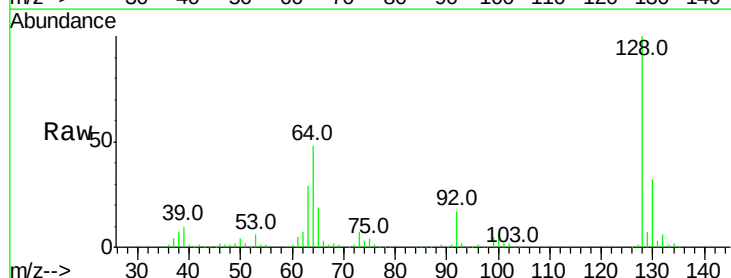
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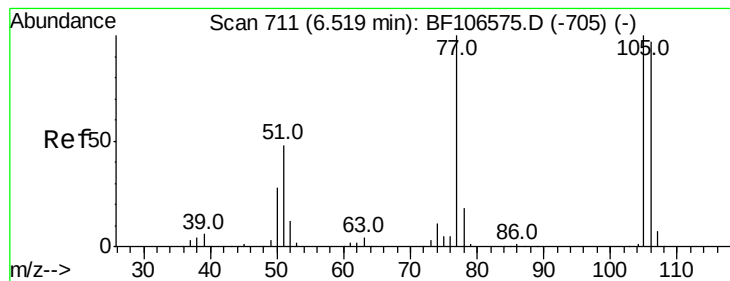
Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion:	128	Resp:	210244
Ion Ratio	Lower	Upper	
128	100		
130	31.5	13.0	53.0
64	48.4	29.4	69.4





#9

Benzaldehyde

Concen: 36.183 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

ClientSampleId :

PB110625BS

Tot Ion: 77 Resp: 145023

Ion Ratio Lower Upper

77 100

105 109.0 81.1 121.1

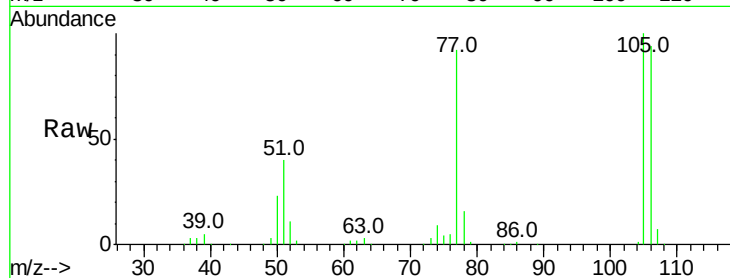
106 102.3 74.5 114.5

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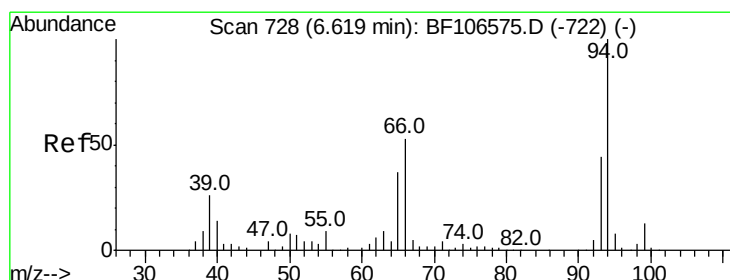
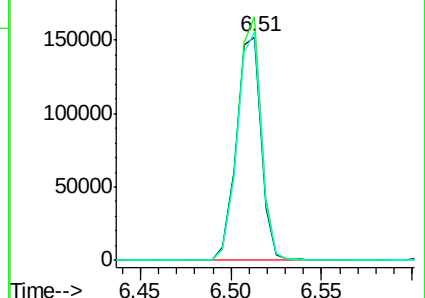
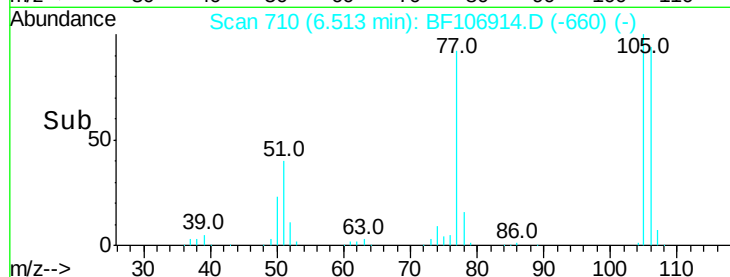
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.036 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

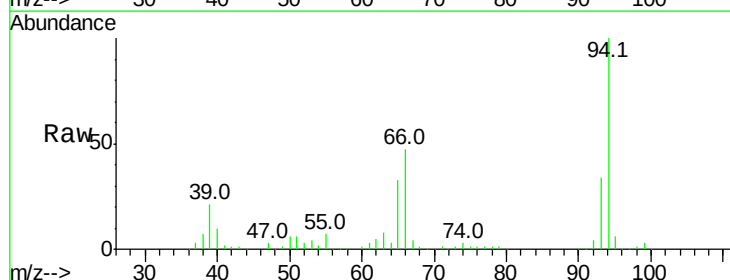
Tgt Ion: 94 Resp: 250007

Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

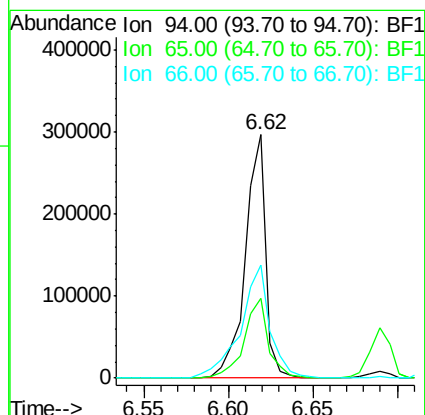
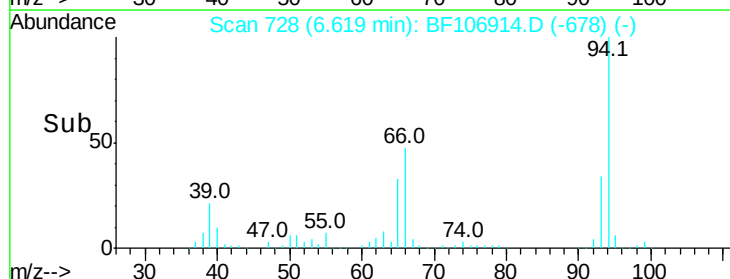
66 46.6 16.2 56.2

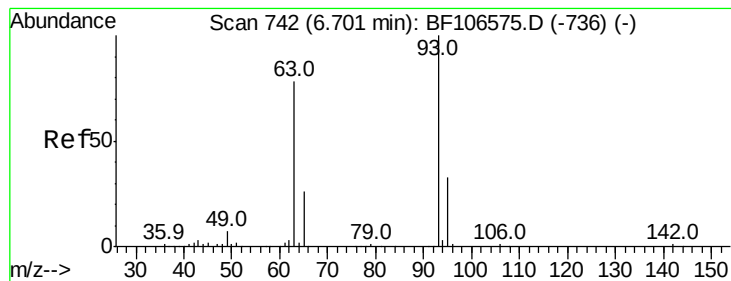


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





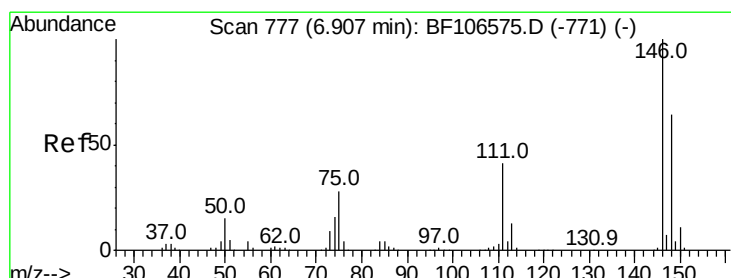
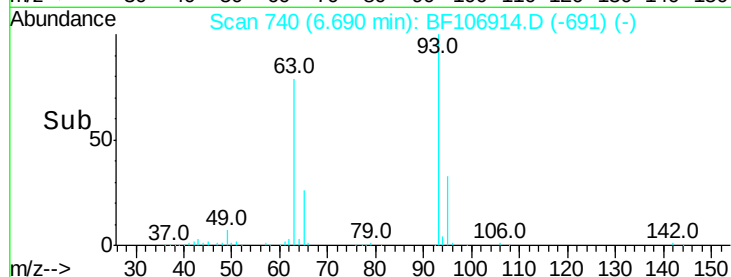
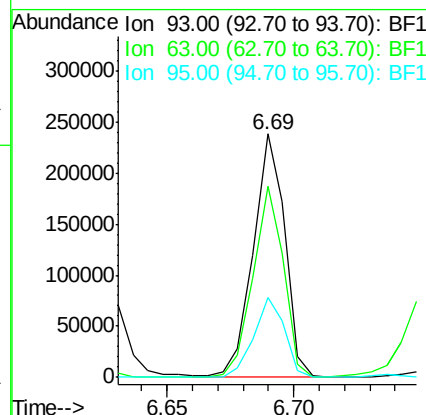
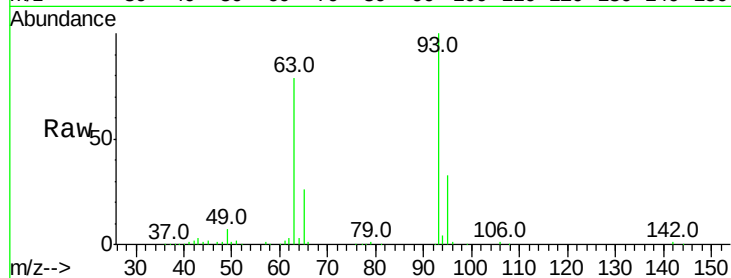
#11
bis(2-Chloroethyl)ether
Concen: 37.932 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	58.6	98.6
95	32.7	11.8	51.8

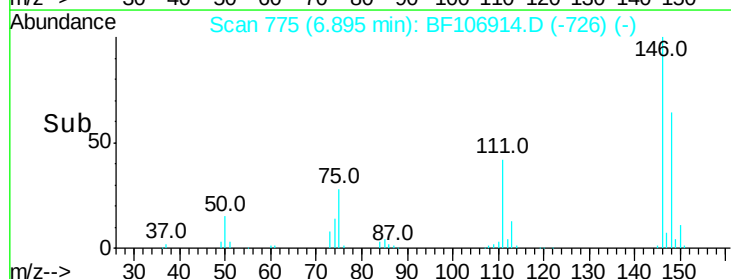
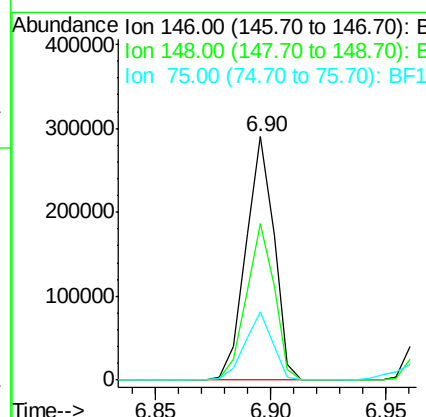
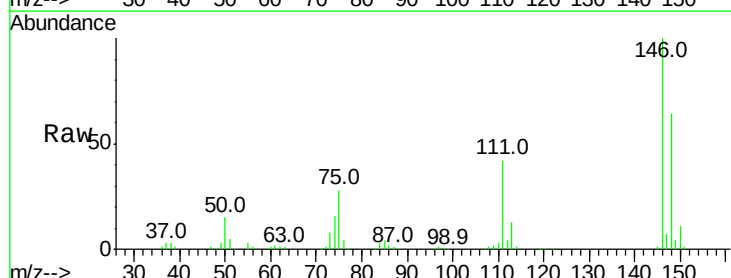
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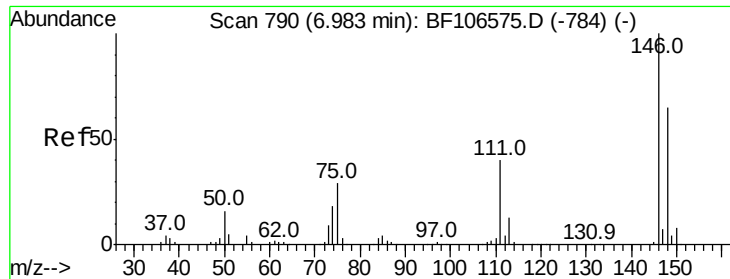
Sohil
6/29/2018 2:30:32 PM



#12
1,3-Dichlorobenzene
Concen: 41.759 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	28.0	24.2	36.4





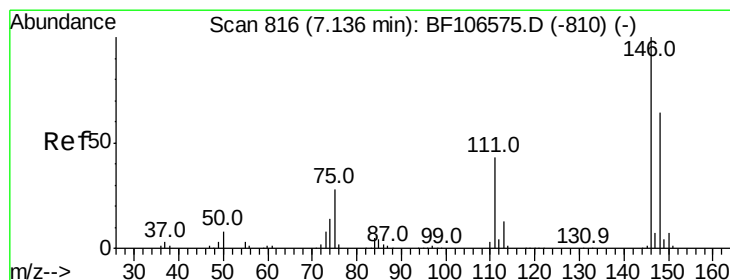
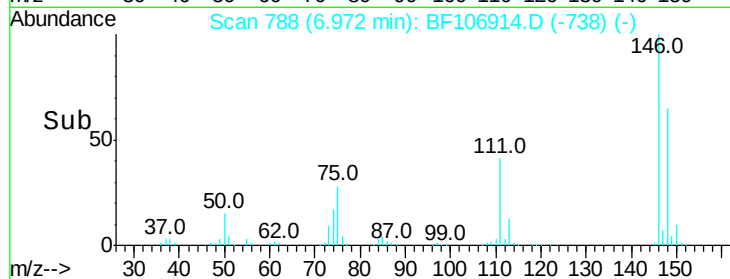
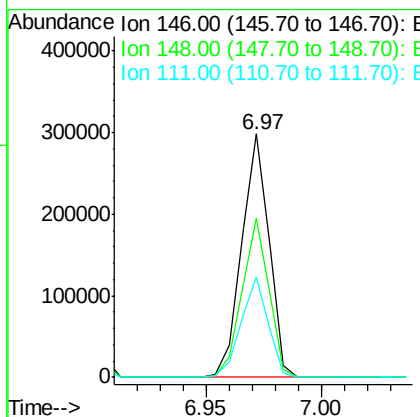
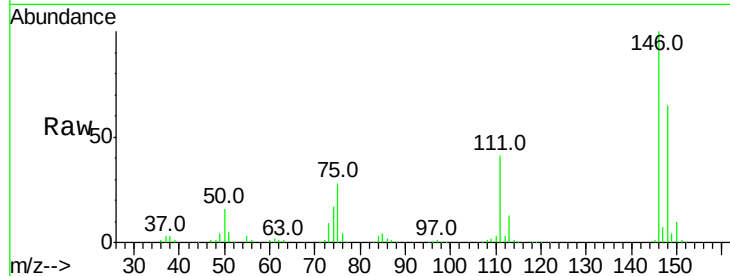
#13
 1,4-Dichlorobenzene
 Concen: 41.098 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	41.1	34.2	51.2

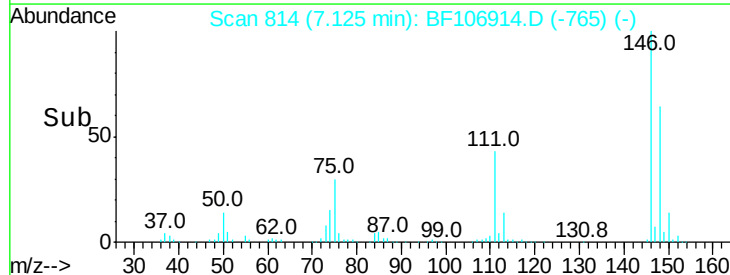
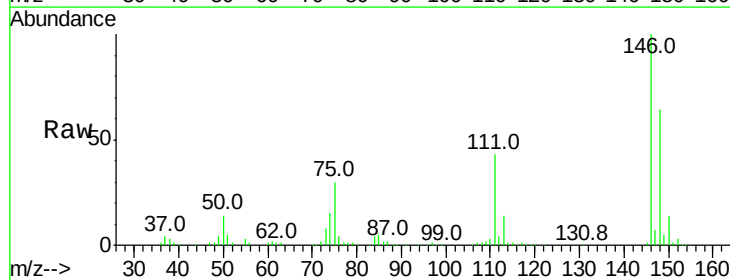
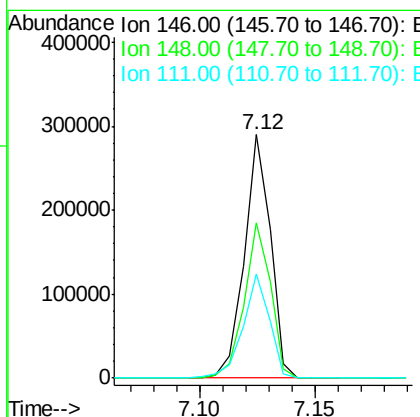
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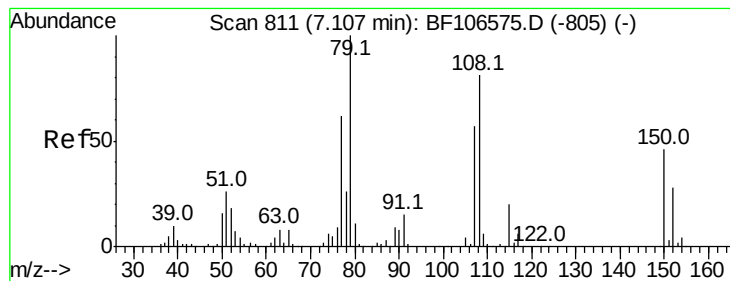
Sohil
 6/29/2018 2:30:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.754 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	42.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.042 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

ClientSampleId :

PB110625BS

Tot Ion: 79 Resp: 180555

Ion Ratio Lower Upper

79 100

108 82.6 65.1 97.7

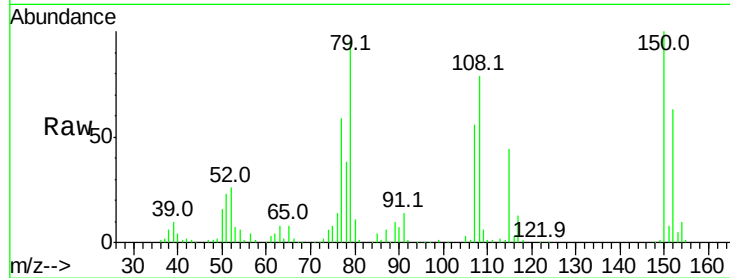
77 61.1 50.6 75.8

Manual Integrations

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Sohil

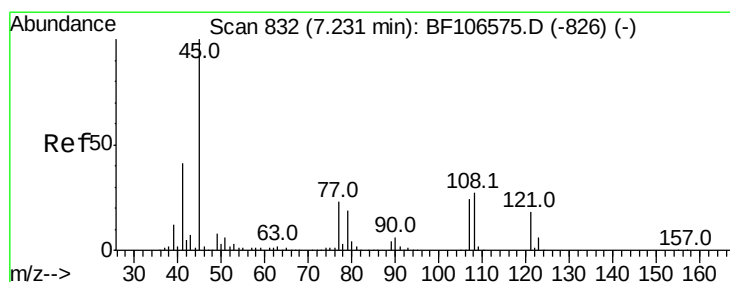
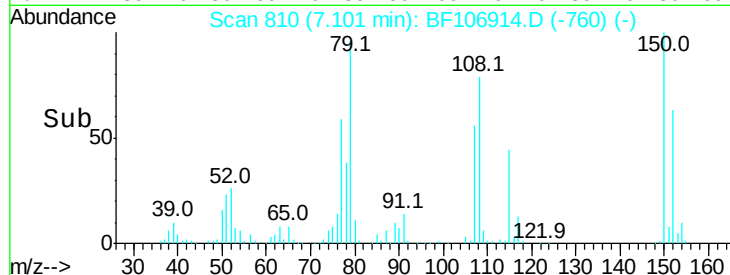
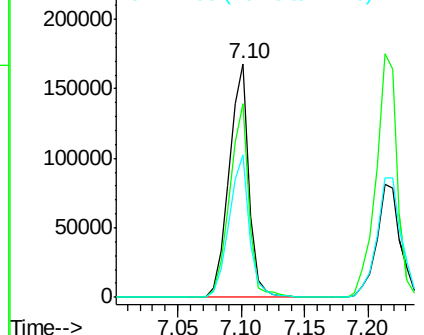
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.248 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

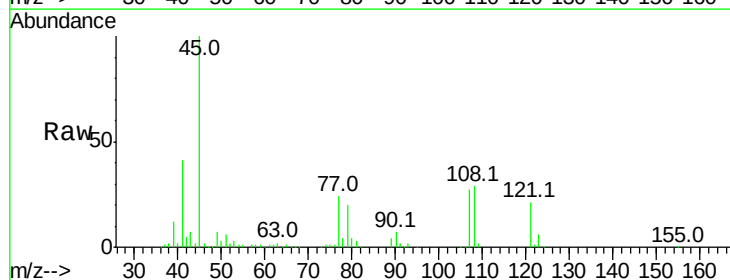
Tgt Ion: 45 Resp: 286544

Ion Ratio Lower Upper

45 100

77 24.4 0.0 32.9

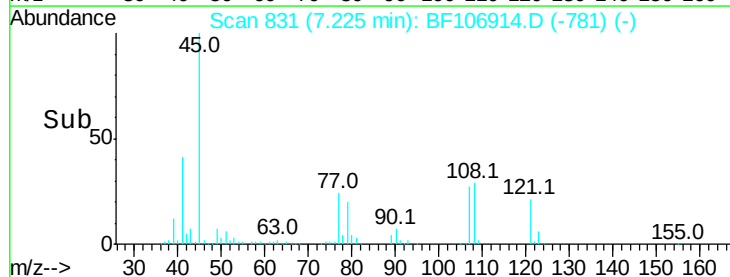
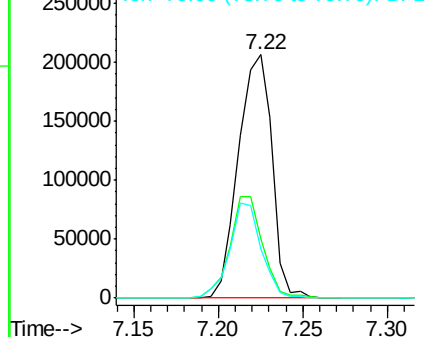
79 20.4 0.0 29.6

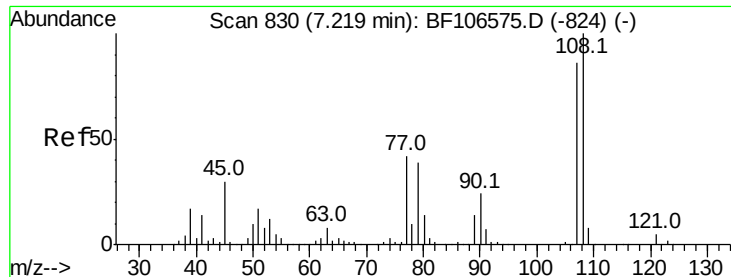


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





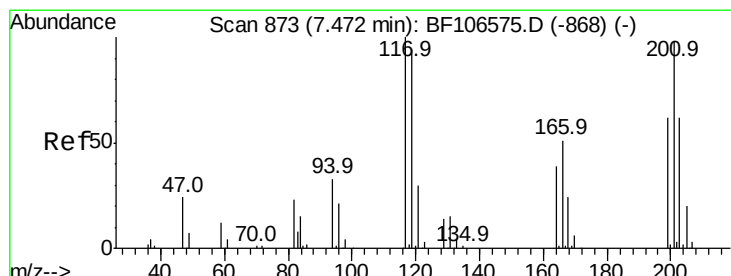
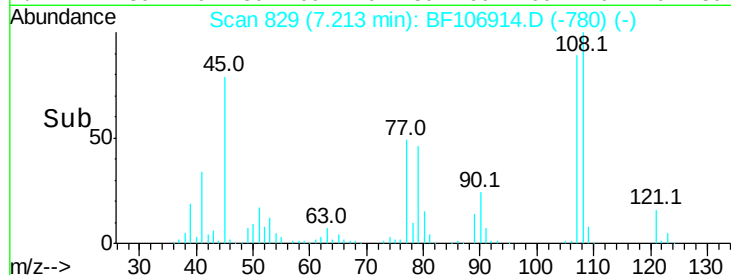
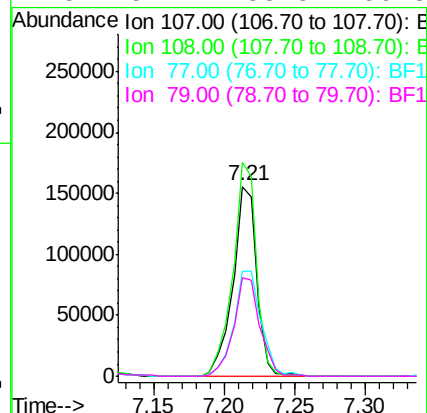
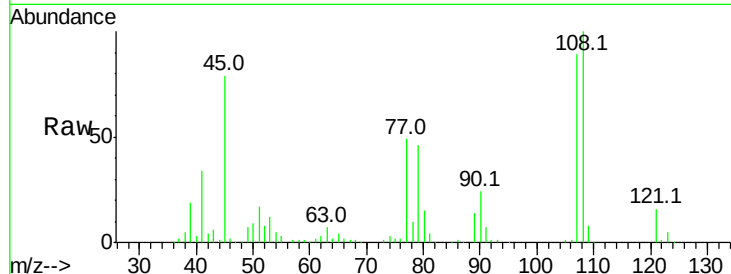
#17
2-Methylphenol
Concen: 42.058 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.7	137.5
77	55.1	33.8	50.8#
79	52.1	33.8	50.8#

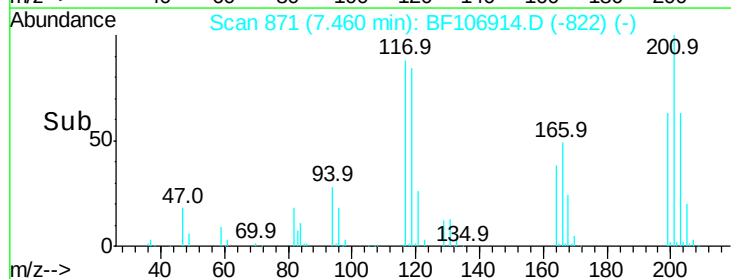
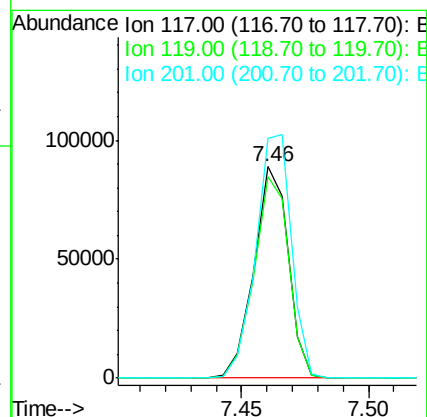
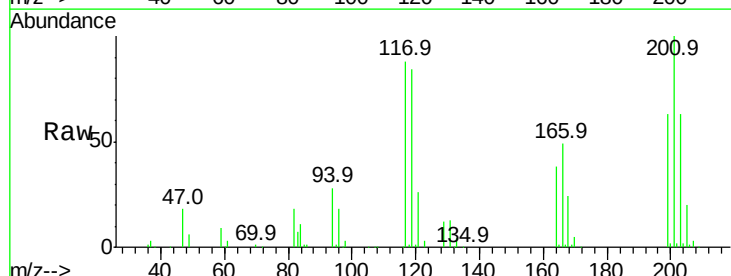
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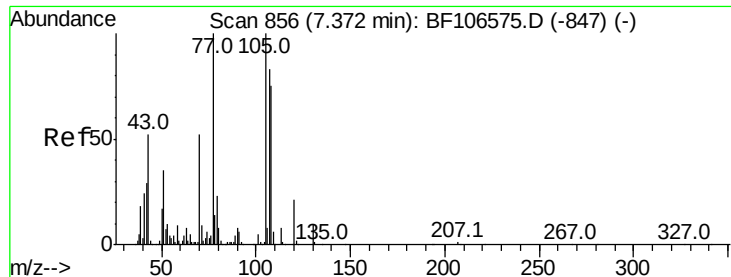
Sohil
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#18
Hexachloroethane
Concen: 39.921 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	113.6	75.7	113.5#





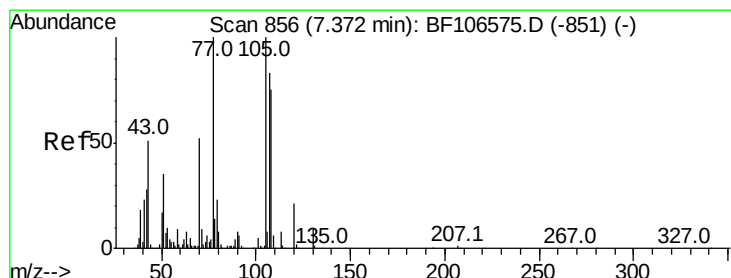
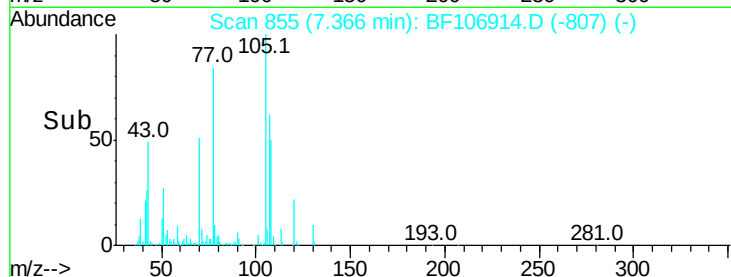
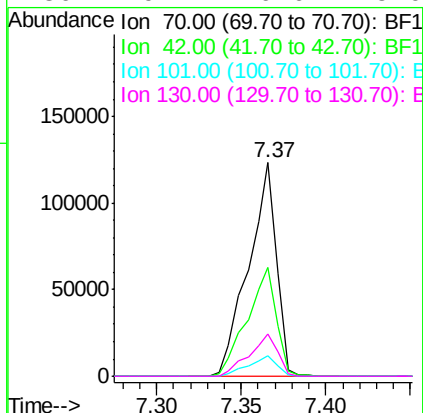
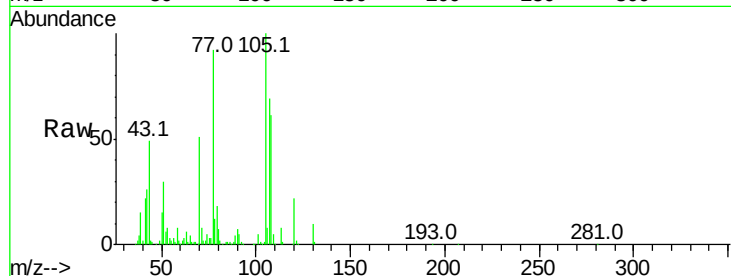
#19
n-Nitroso-di-n-propylamine
Concen: 37.633 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	9.4	7.4	11.2
130	19.7	16.6	25.0

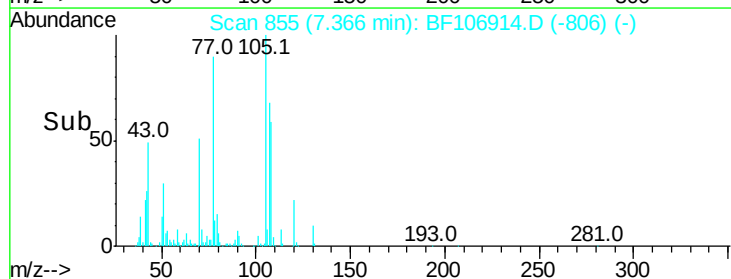
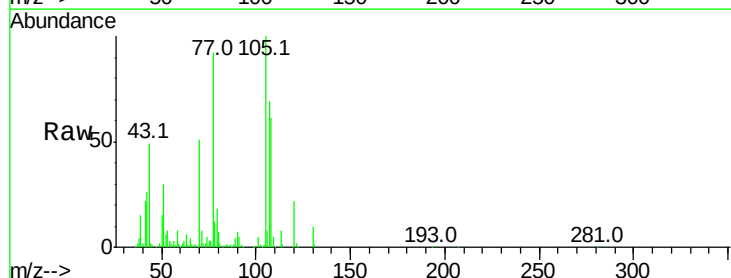
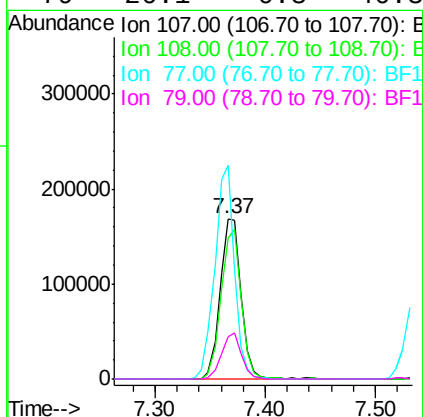
Manual Integrations
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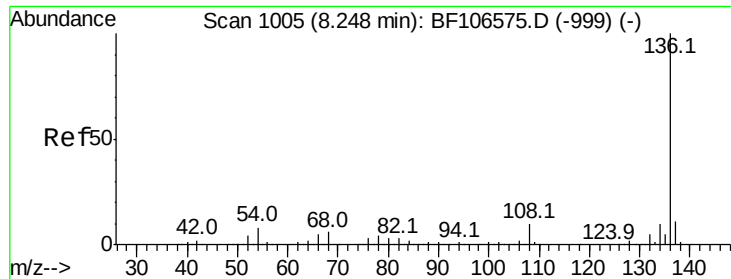
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#20
3+4-Methylphenols
Concen: 48.993 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	133.0	26.7	66.7#
79	26.1	6.3	46.3





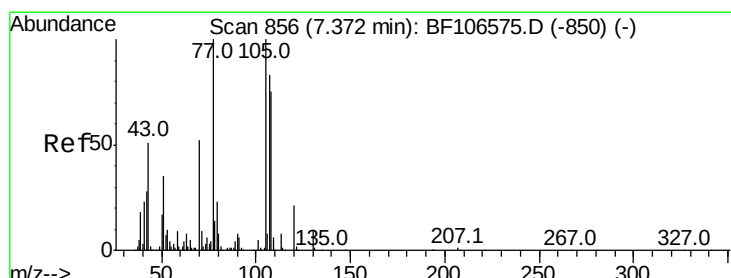
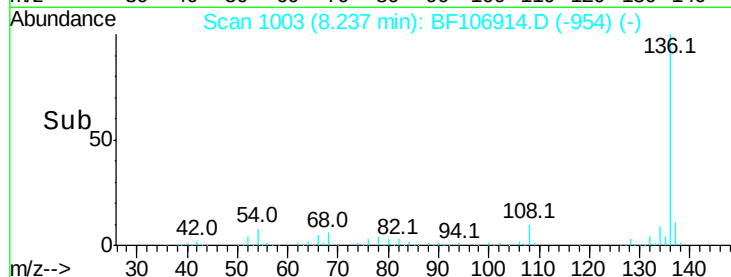
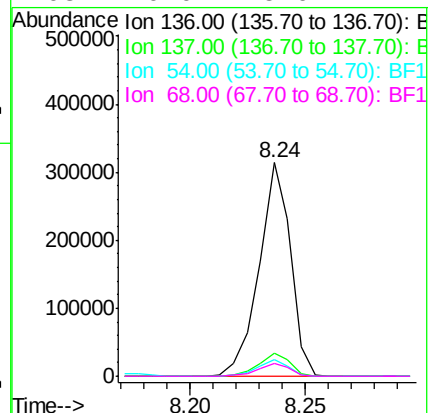
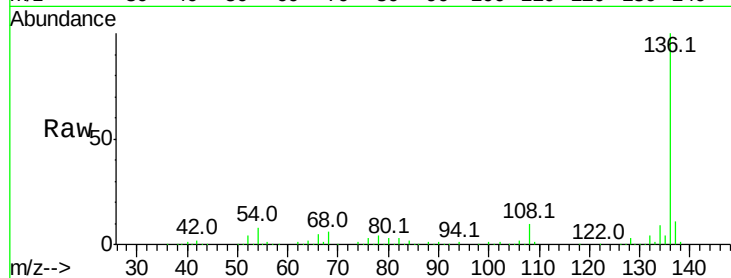
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.6	6.6	9.8	
68	6.0	5.0	7.4	

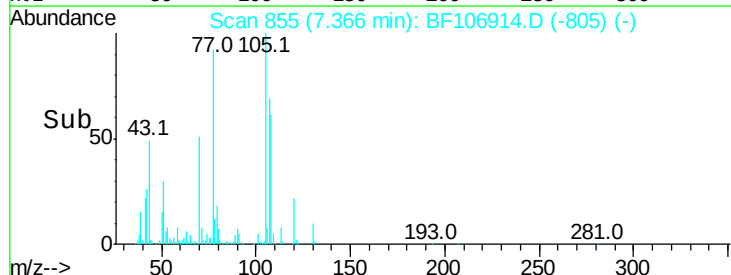
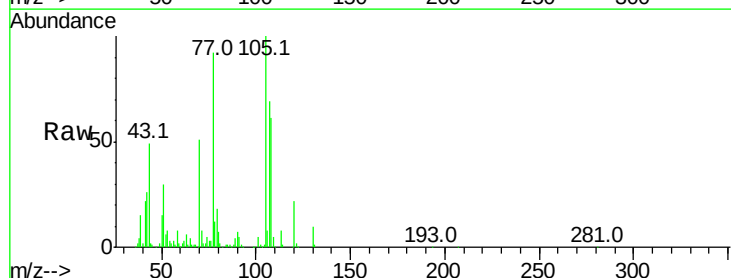
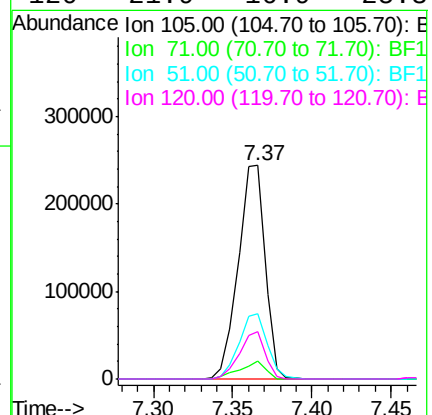
Manual Integrations
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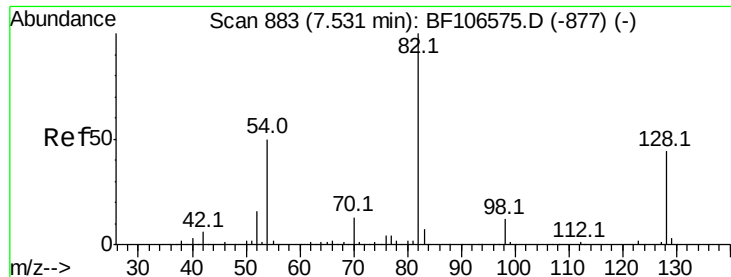
Sohil
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#22
Acetophenone
Concen: 43.083 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.2	4.4	6.6#	
51	30.4	22.3	33.5	
120	21.9	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 84.390 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

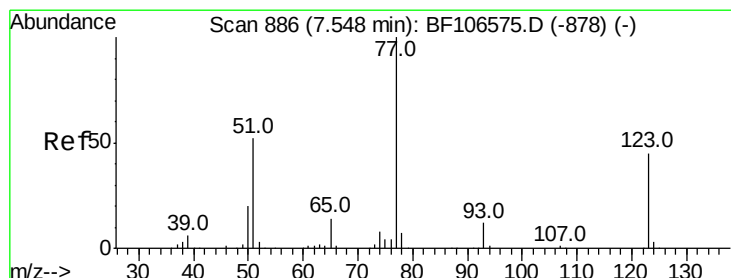
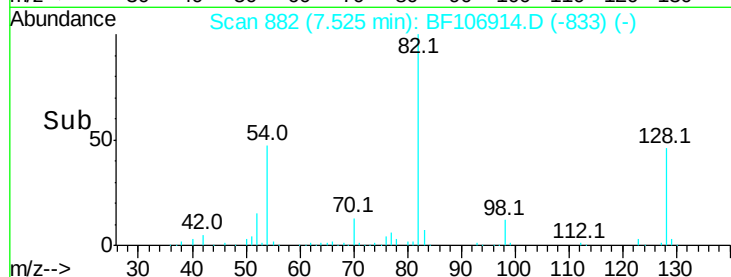
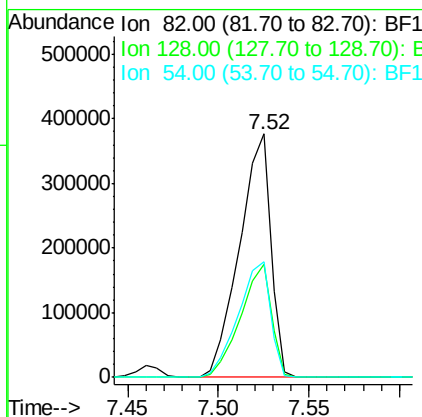
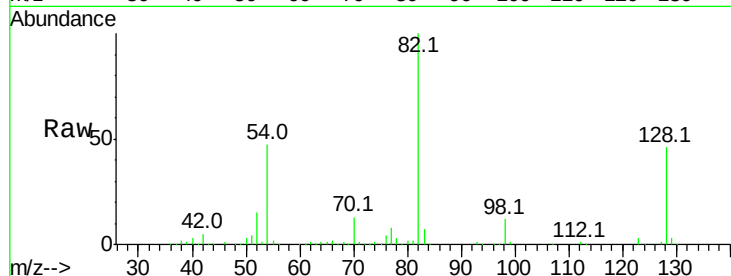
ClientSampleId :

PB110625BS

Tot Ion:	82	Resp:	453667
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.1	54.1
54	47.3	41.4	62.2

Manual Integrations
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#24

Nitrobenzene

Concen: 40.696 ng

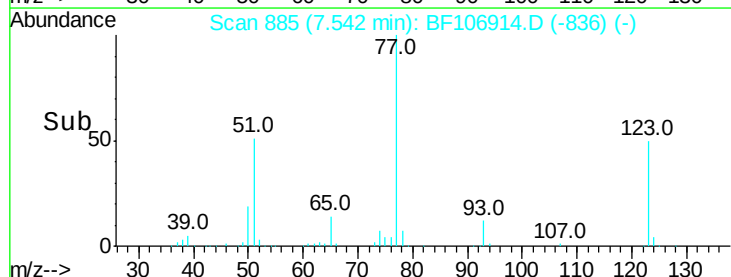
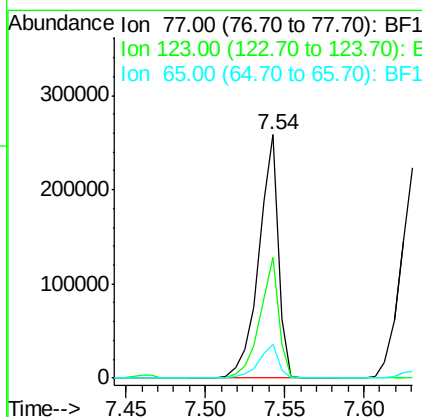
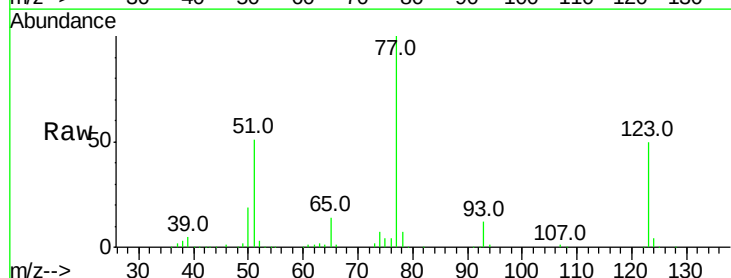
RT: 7.54 min Scan# 885

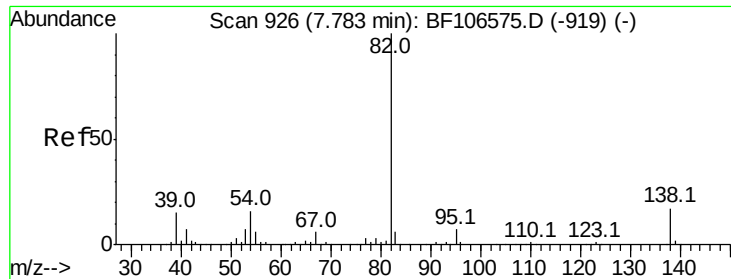
Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion:	77	Resp:	223359
Ion Ratio	Lower	Upper	
77	100		
123	49.7	37.9	56.9
65	13.9	11.0	16.4





#25

Isophorone

Concen: 43.455 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

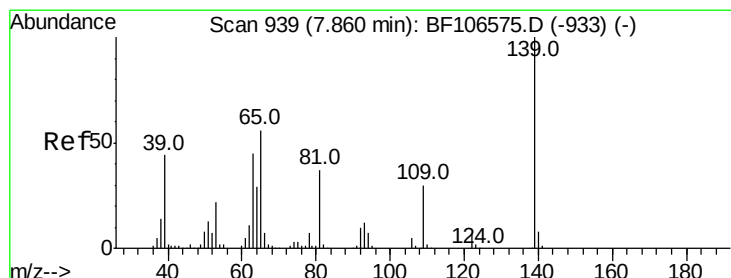
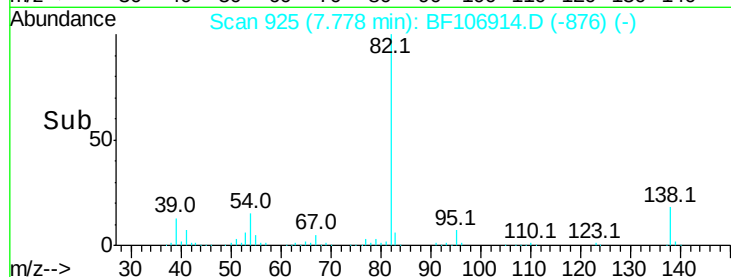
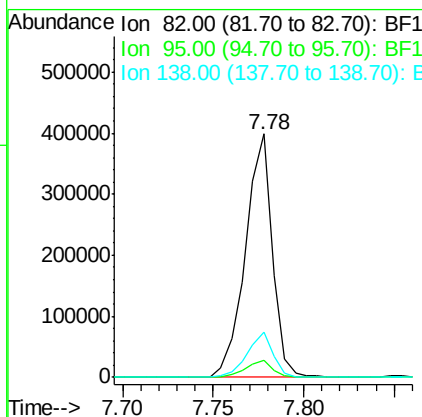
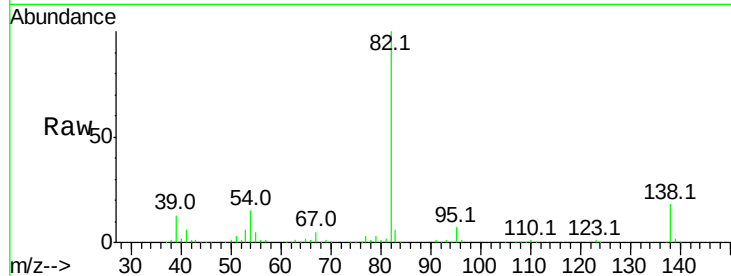
ClientSampled :

PB110625BS

Tot Ion:	82	Resp:	411650
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.436 ng

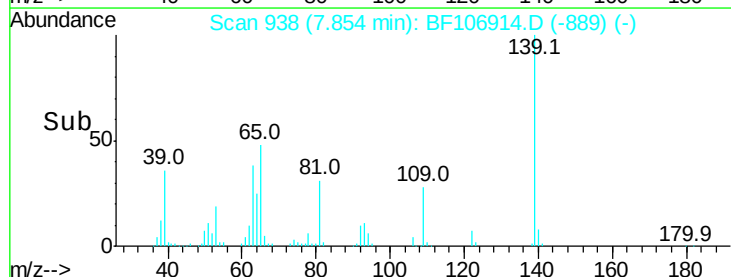
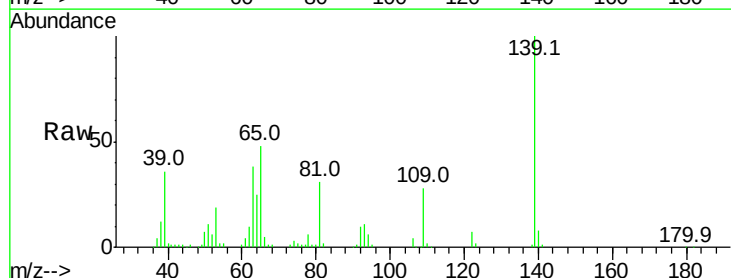
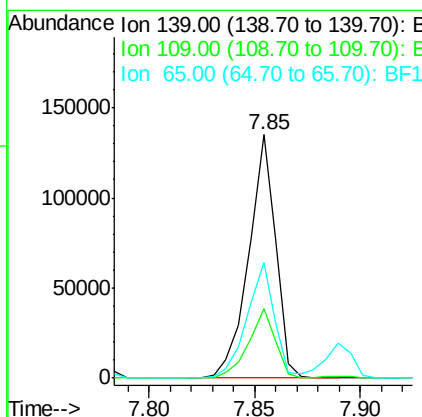
RT: 7.85 min Scan# 938

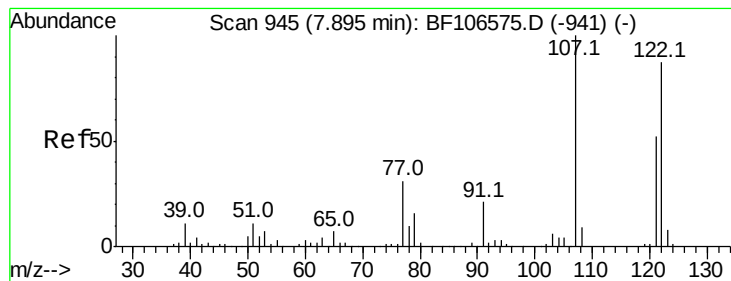
Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion:	139	Resp:	120313
Ion Ratio	Lower	Upper	
139	100		
109	28.5	22.7	34.1
65	47.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 48.554 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

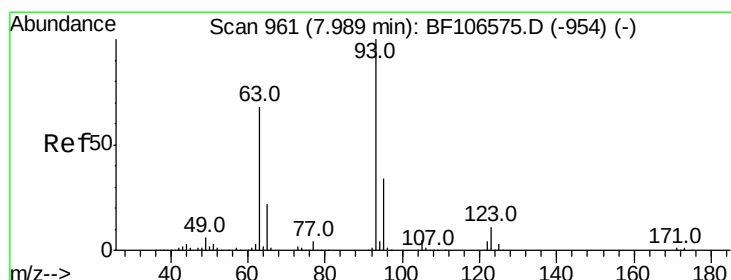
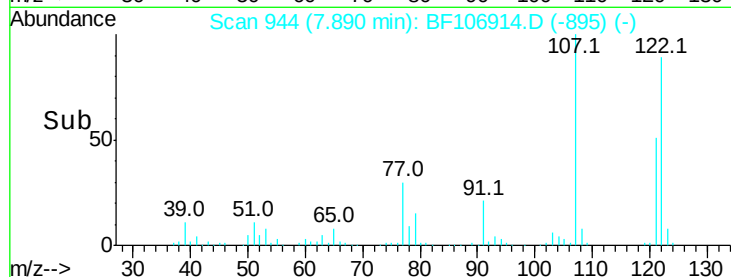
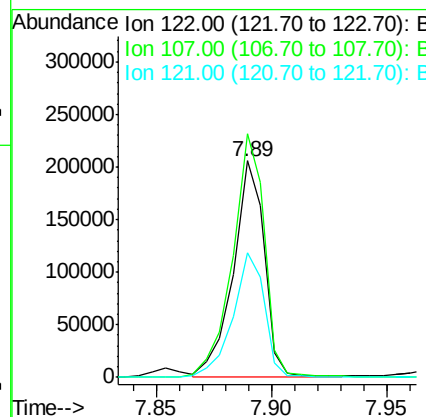
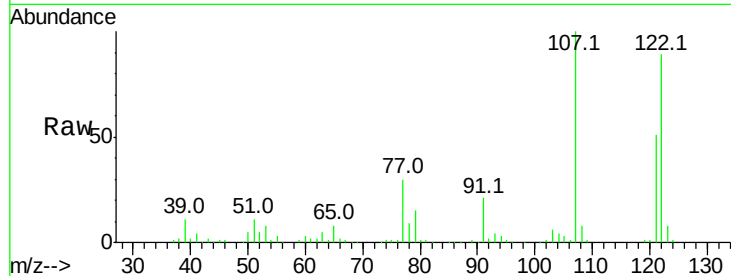
ClientSampleId :

PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	194446		
107	112.5	91.2	136.8	
121	57.5	47.2	70.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 40.626 ng

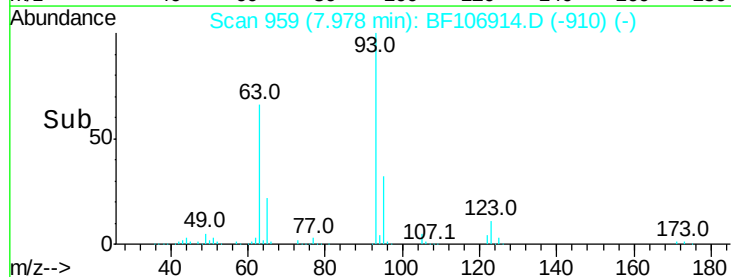
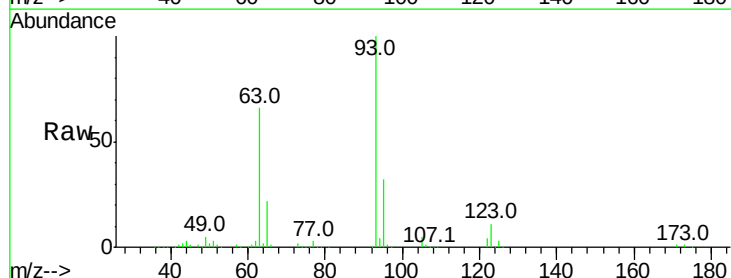
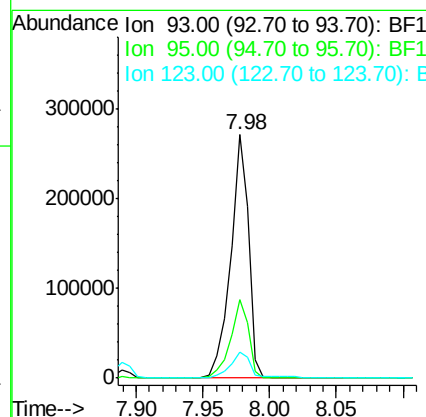
RT: 7.98 min Scan# 959

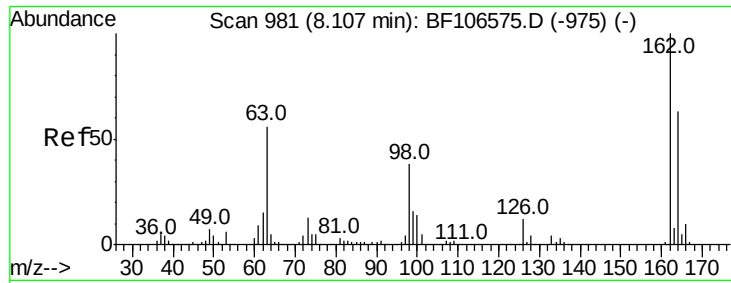
Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	258398		
95	32.1	26.3	39.5	
123	10.9	9.8	14.6	





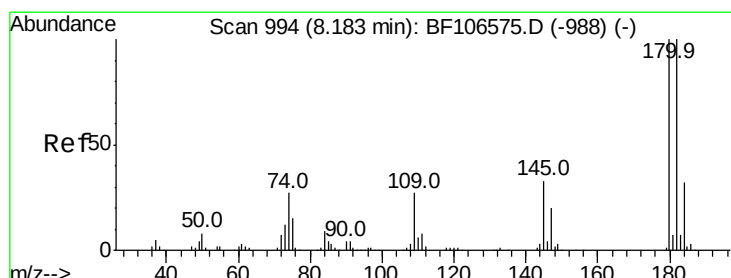
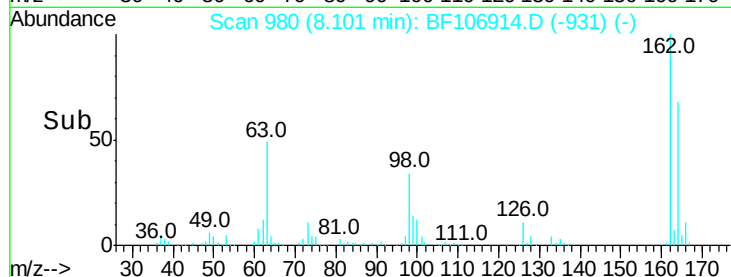
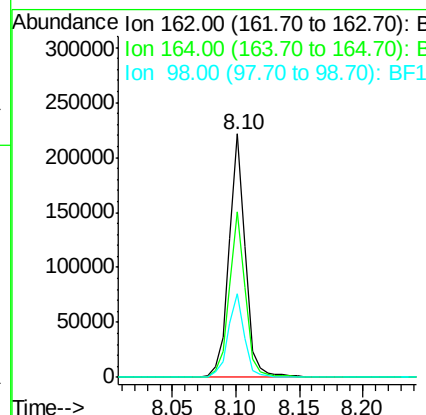
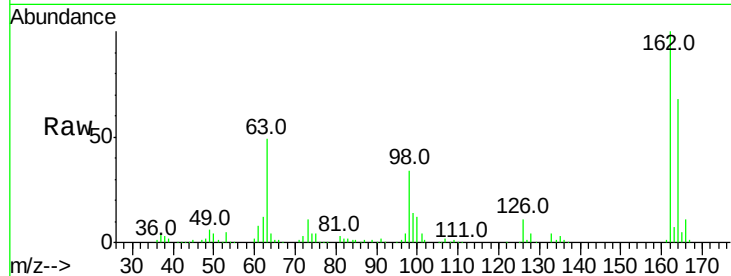
#29
 2,4-Dichlorophenol
 Concen: 47.152 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		197691		
164	68.2	42.7	82.7		
98	34.2	18.1	58.1		

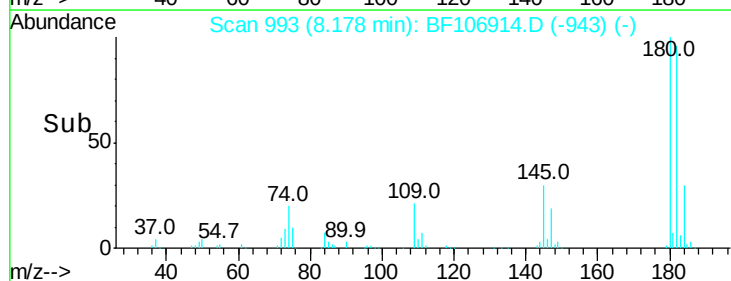
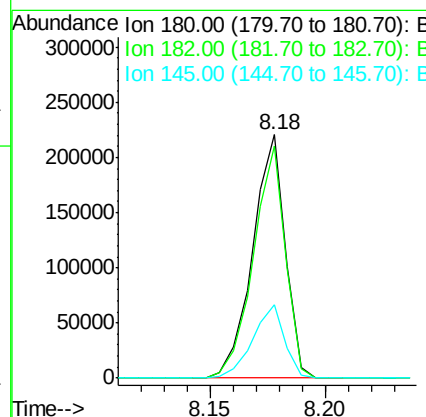
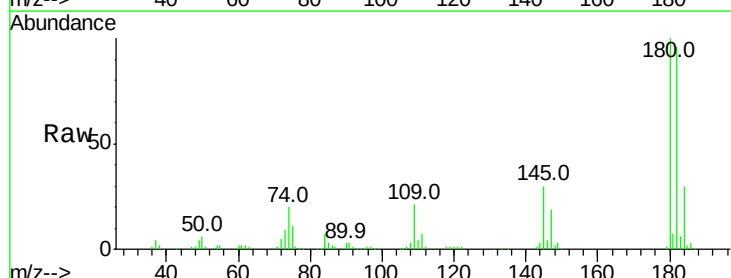
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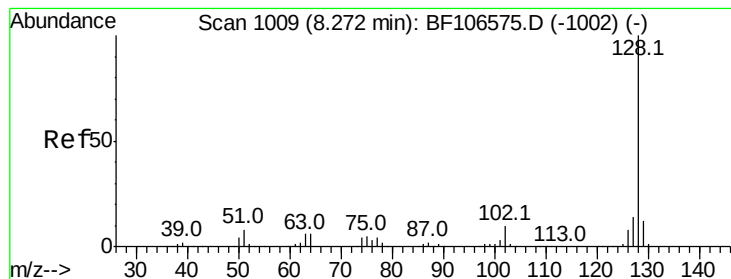
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.954 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		216867		
182	95.5	76.8	115.2		
145	29.9	26.5	39.7		





#31

Naphthalene

Concen: 43.850 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

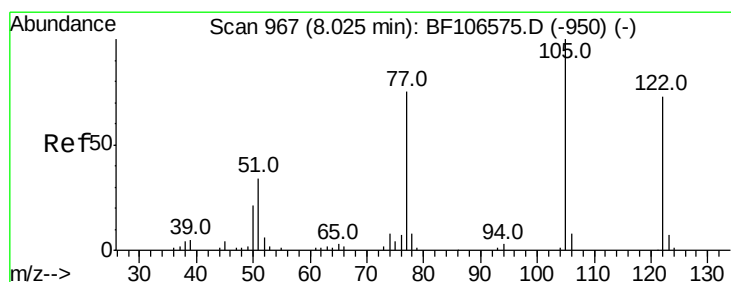
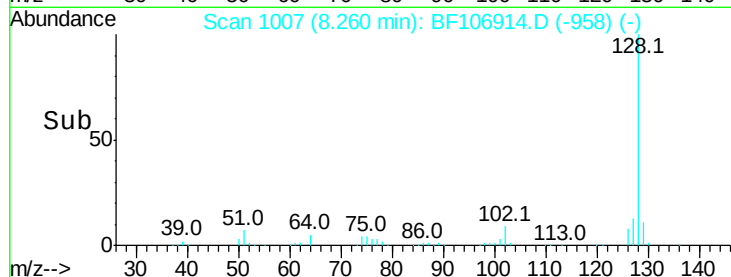
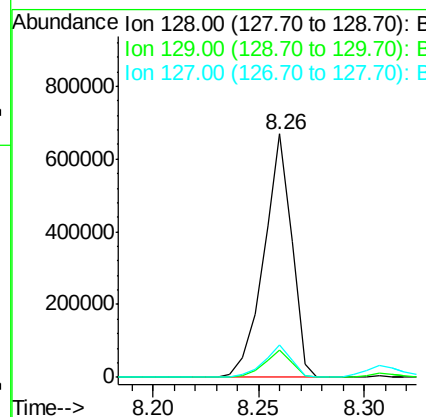
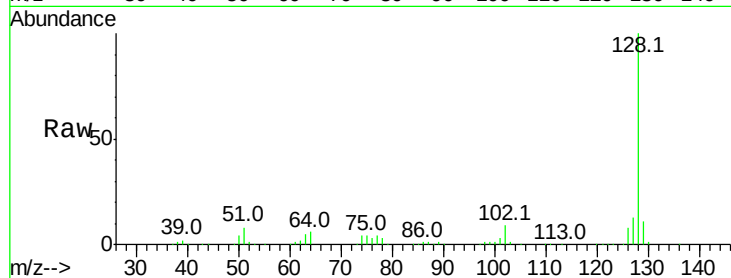
ClientSampleId :

PB110625BS

Tot Ion:	128	Resp:	612479
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.4	10.9	16.3

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#32

Benzoic acid

Concen: 27.491 ng

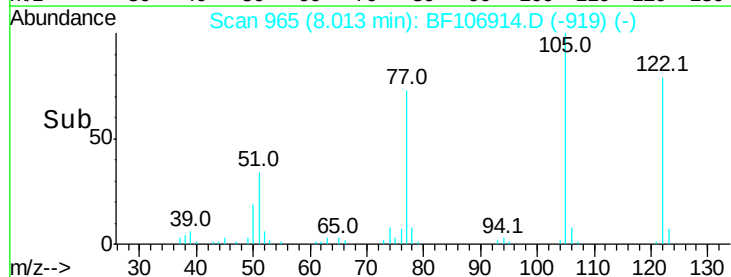
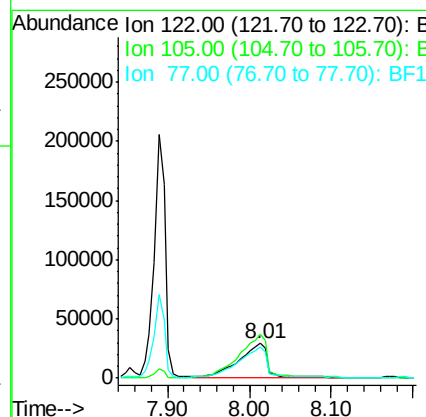
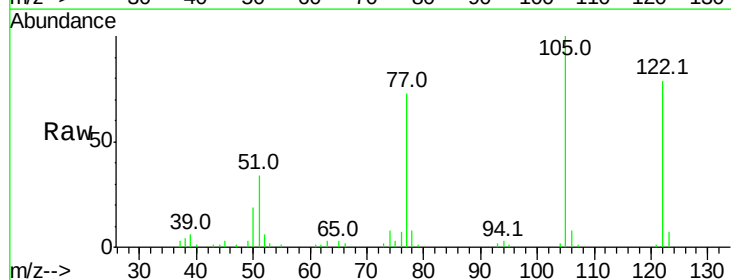
RT: 8.01 min Scan# 965

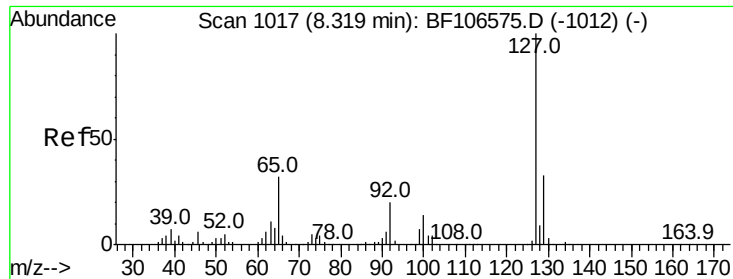
Delta R.T. -0.03 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion:	122	Resp:	71982
Ion Ratio	Lower	Upper	
122	100		
105	125.9	101.1	141.1
77	91.6	70.7	110.7





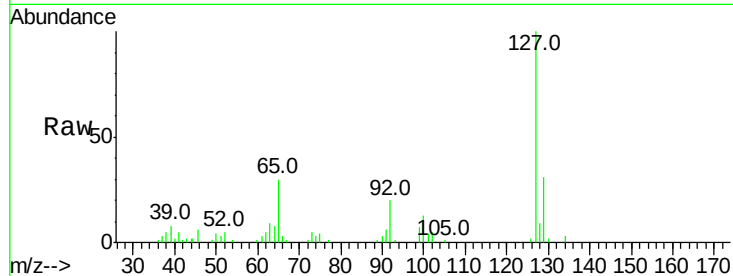
#33
4-Chloroaniline
Concen: 8.206 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

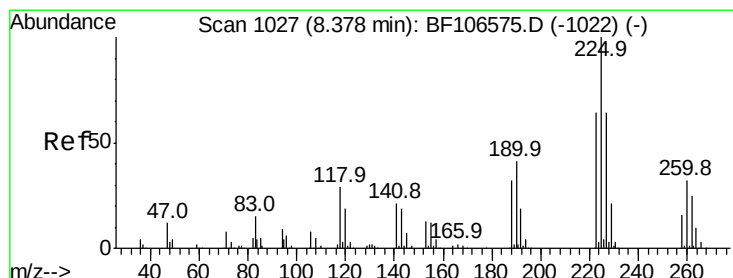
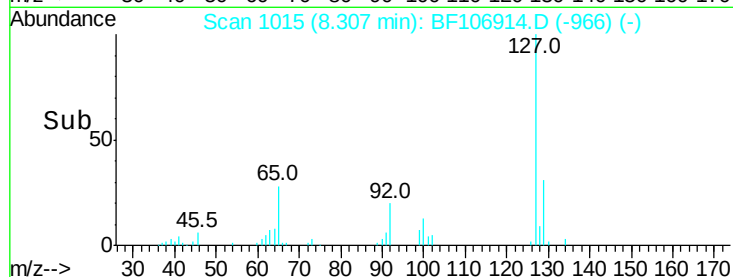
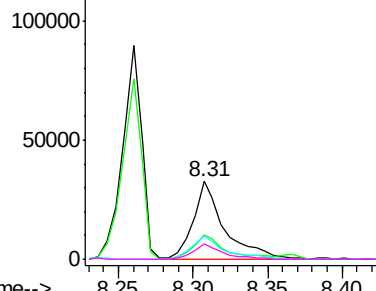
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.0	25.9	38.9	
65	30.4	25.0	37.4	
92	20.2	15.2	22.8	

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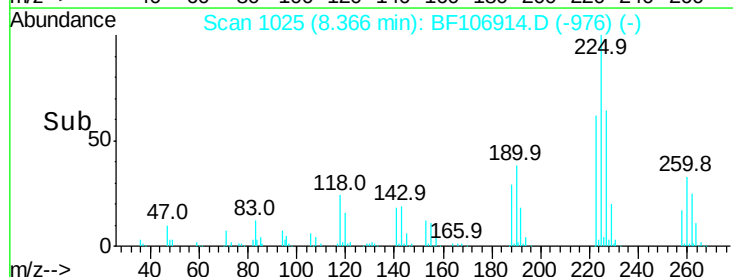
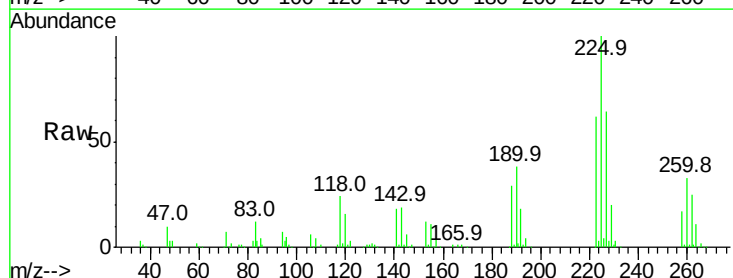
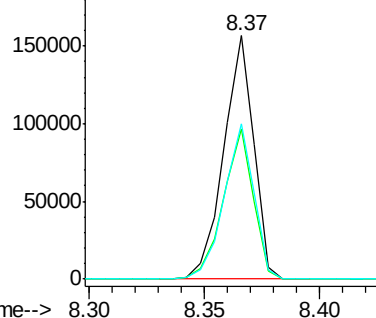
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

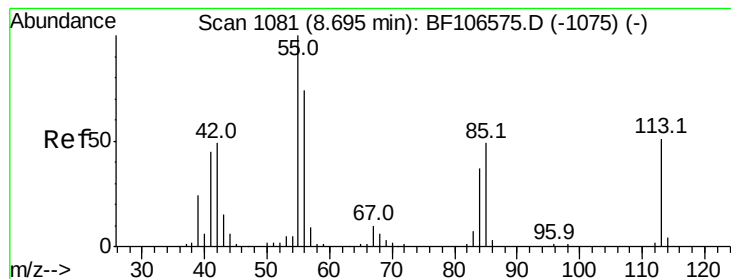


#34
Hexachlorobutadiene
Concen: 47.292 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	50.6	76.0	
227	64.0	51.9	77.9	

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.031 ng/mL

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

ClientSampleID :

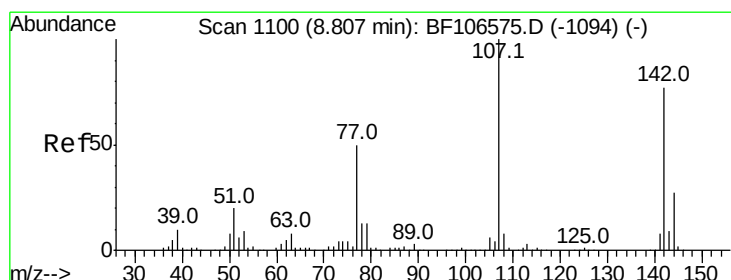
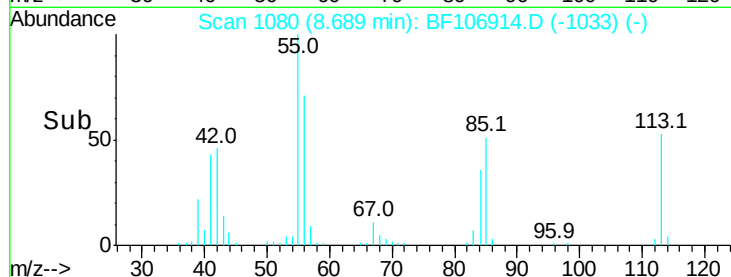
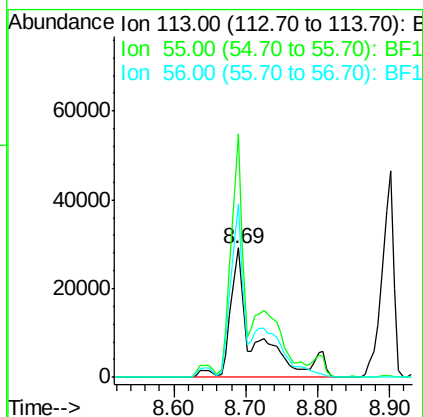
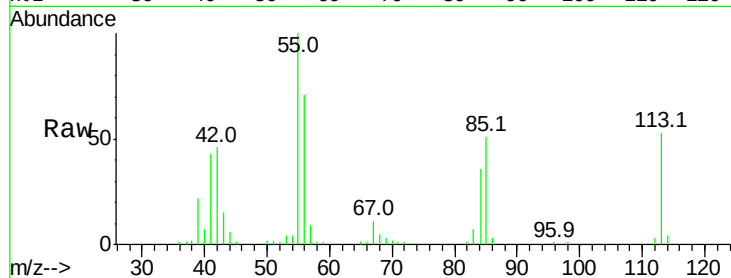
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Tot Ion:113 Resp: 68376

Ion	Ratio	Lower	Upper
113	100		
55	187.9	163.3	203.3
56	134.1	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 45.806 ng/mL

RT: 8.81 min Scan# 1100

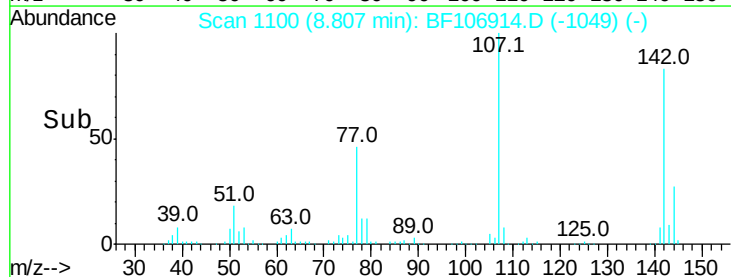
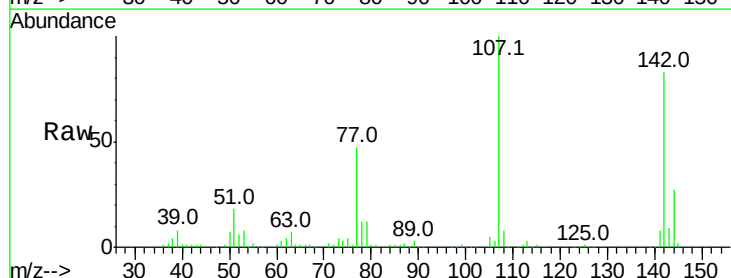
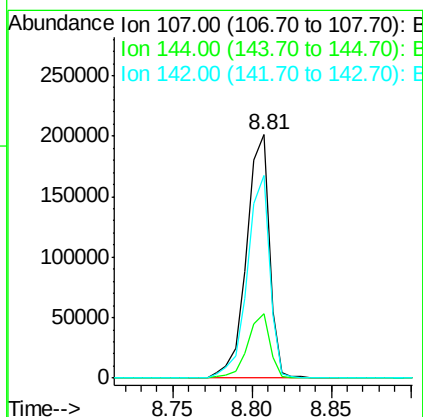
Delta R.T. 0.00 min

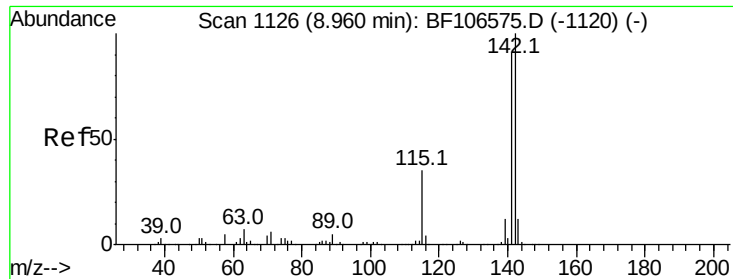
Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion:107 Resp: 202146

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.5	30.7
142	83.3	62.0	93.0





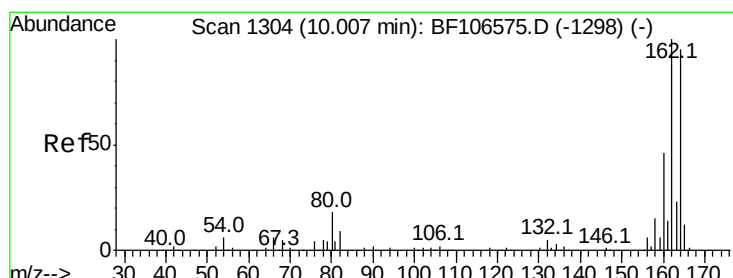
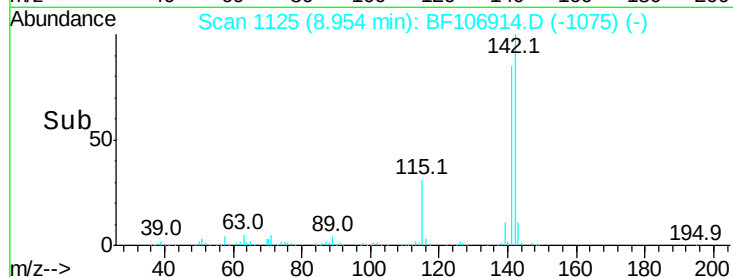
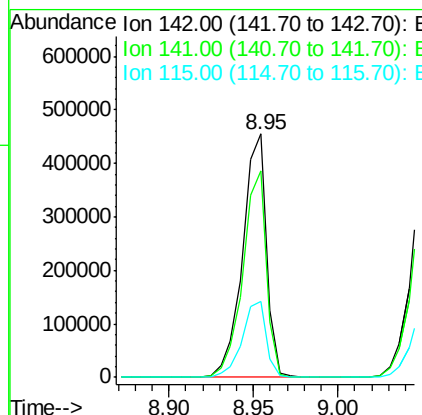
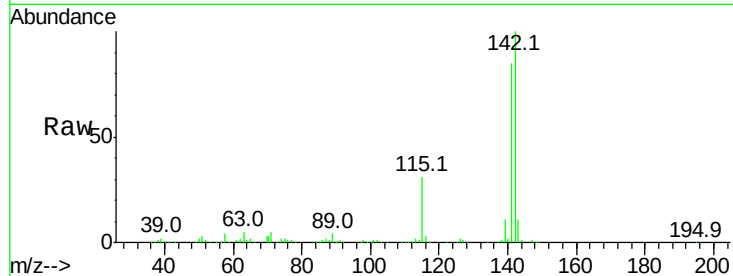
#37
2-Methylnaphthalene
Concen: 48.507 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	449083		
141	84.8	70.8	106.2	
115	31.4	26.1	39.1	

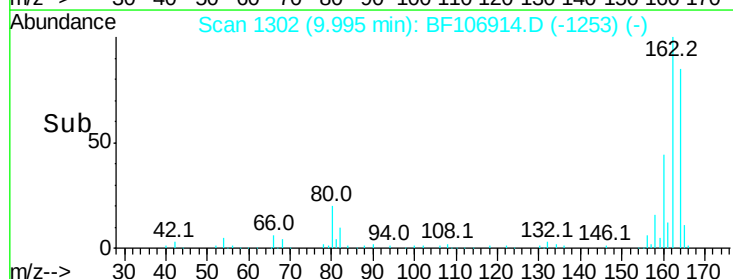
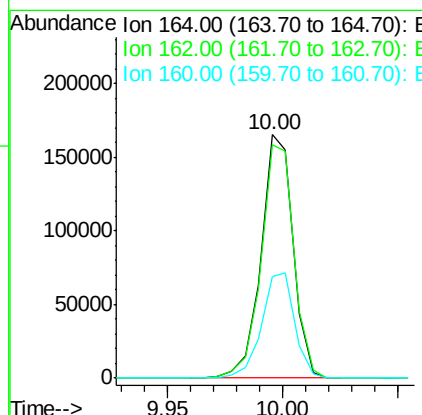
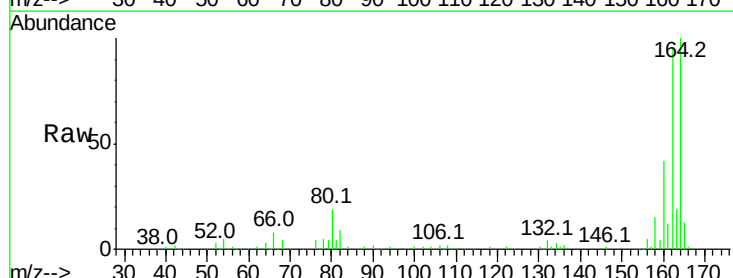
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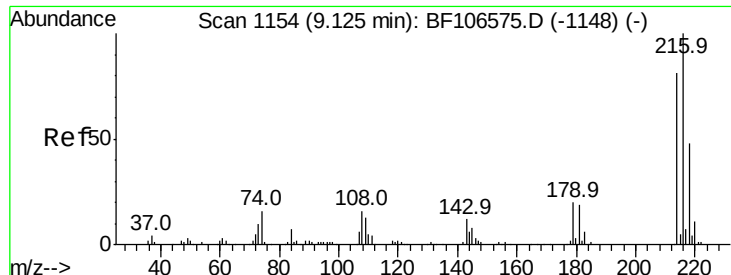
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159270		
162	96.0	86.1	129.1	
160	41.9	38.3	57.5	





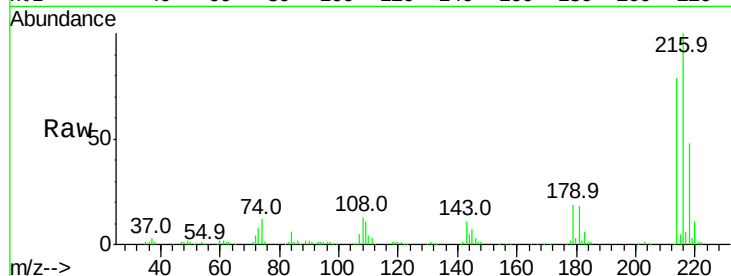
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.403 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	63.0	94.4
179	19.4	18.1	27.1
108	16.0	17.2	25.8

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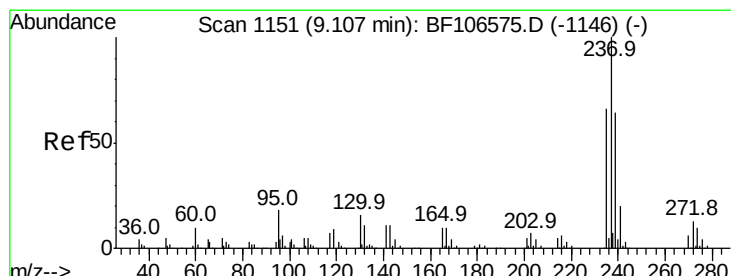
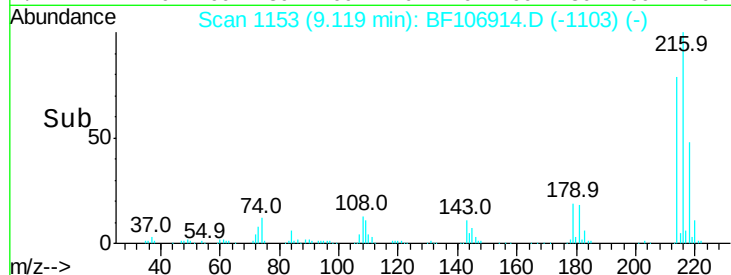
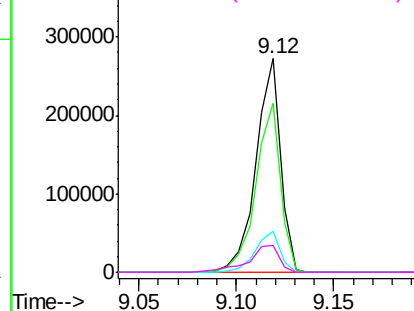
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

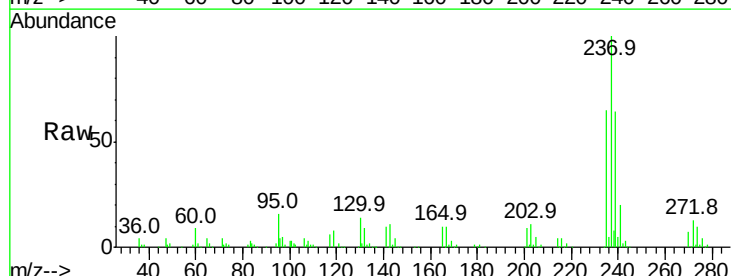
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 67.481 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.2	44.8	84.8
272	13.1	0.0	33.3

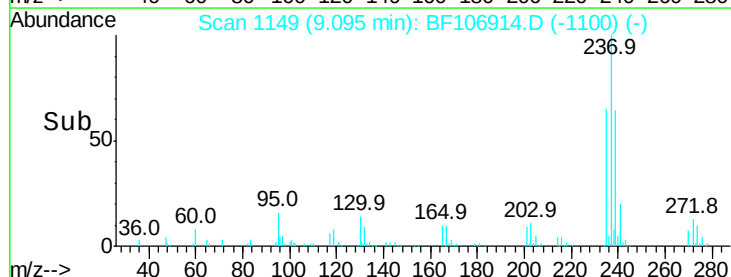
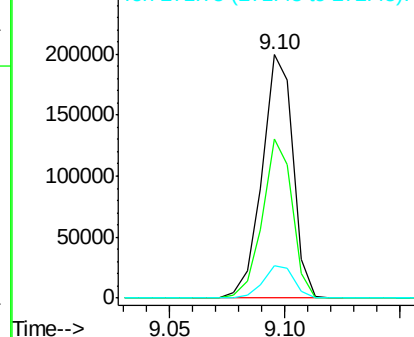


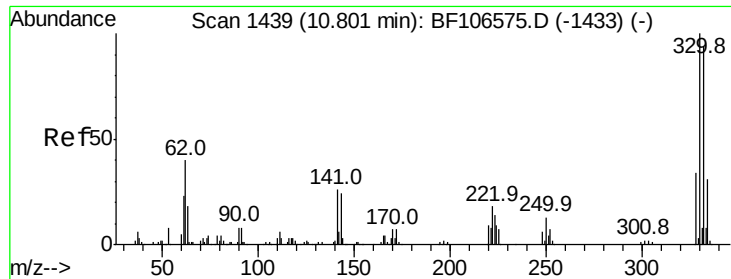
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 141.772 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

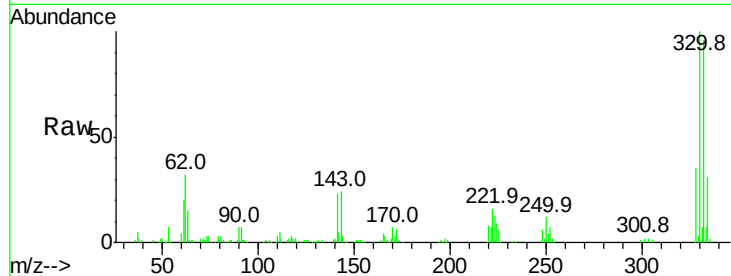
ClientSampleId :

PB110625BS

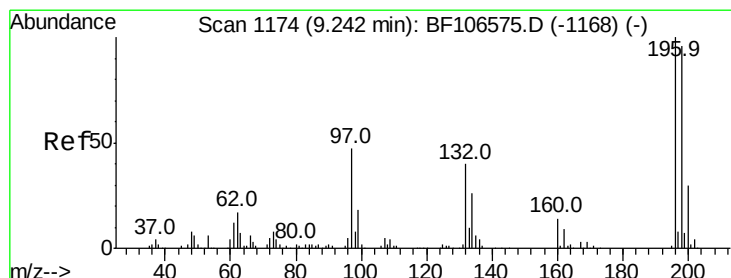
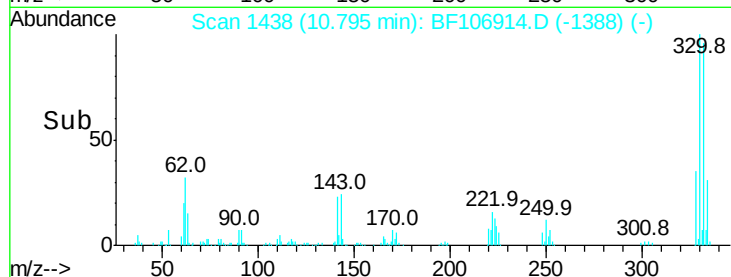
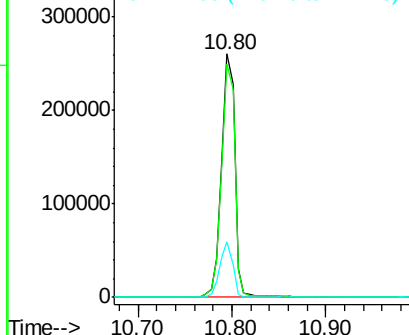
Tot Ion:	330	Resp:	261709
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.0	115.6
141	22.2	29.9	44.9#

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



#42

2,4,6-Trichlorophenol

Concen: 39.946 ng

RT: 9.24 min Scan# 1173

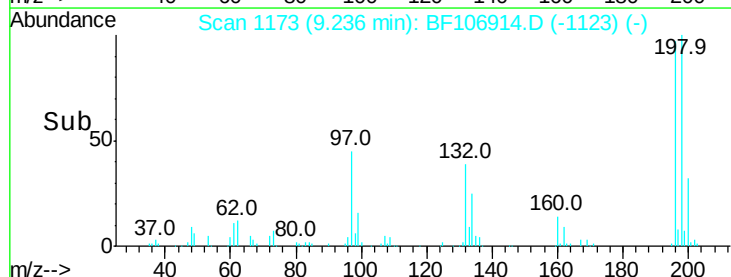
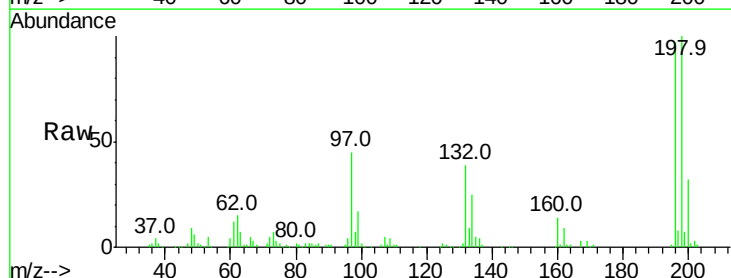
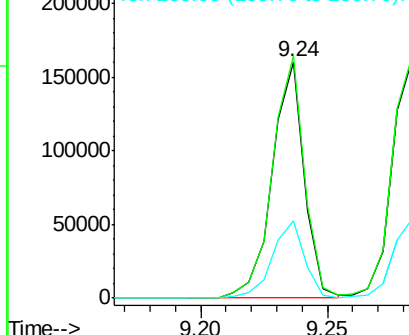
Delta R.T. -0.01 min

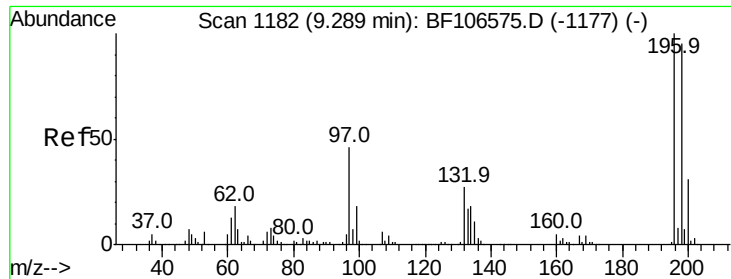
Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion:	196	Resp:	142422
Ion Ratio	Lower	Upper	
196	100		
198	102.7	75.7	113.5
200	32.7	24.5	36.7

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





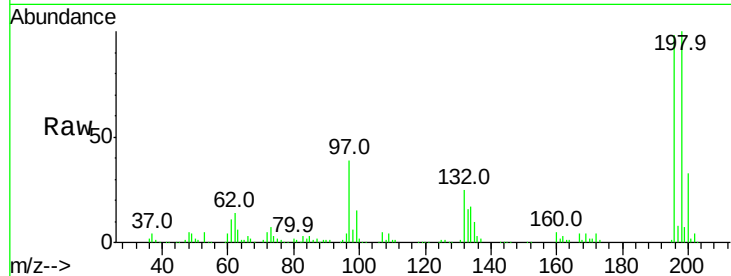
#43
2,4,5-Trichlorophenol
Concen: 39.829 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	148177		
198	101.7	74.6	112.0	
97	39.3	42.9	64.3	
132	25.6	26.3	39.5	

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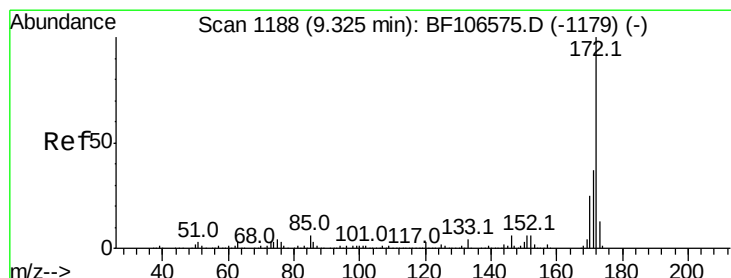
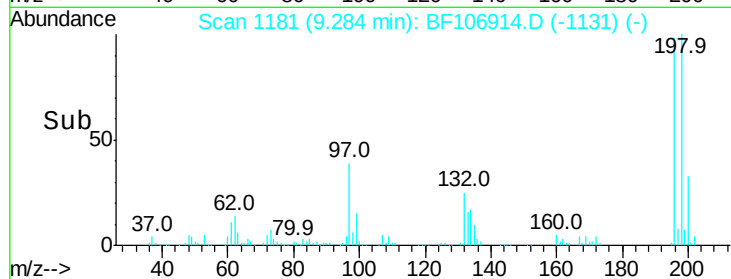
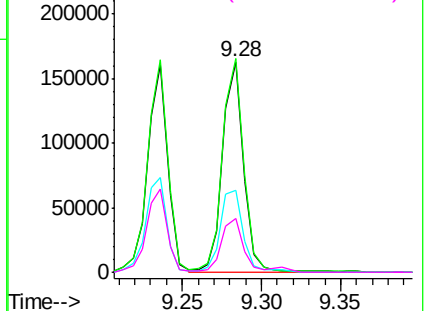
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 94.032 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

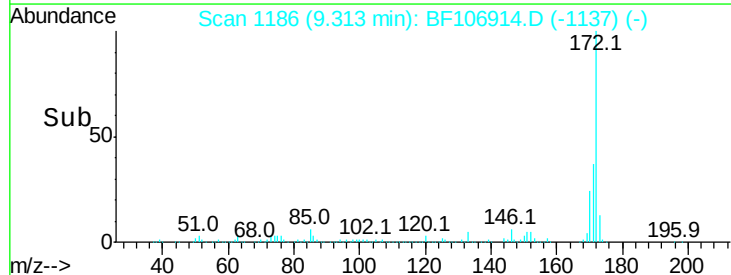
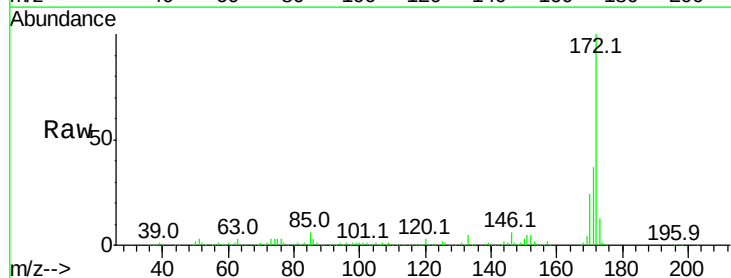
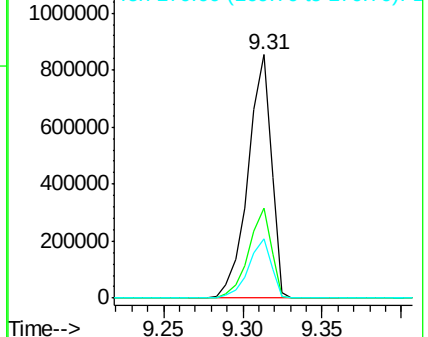
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	870059		
171	37.1	29.7	44.5	
170	24.3	19.6	29.4	

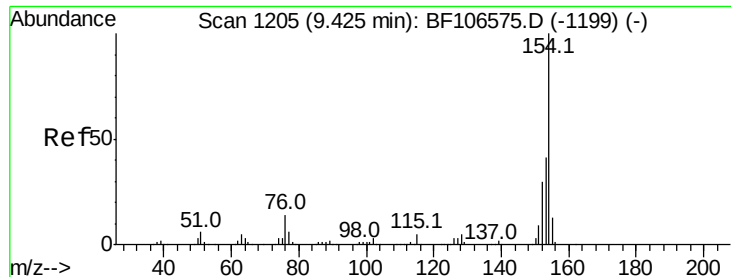
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.790 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

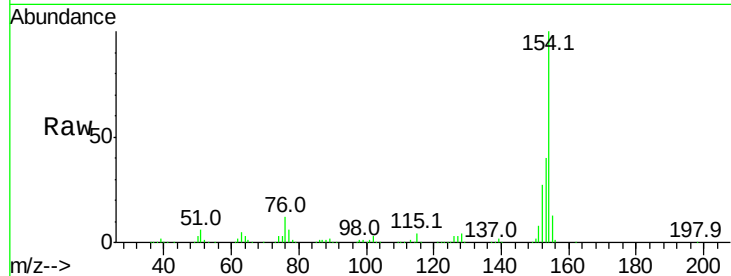
ClientSampleId :

PB110625BS

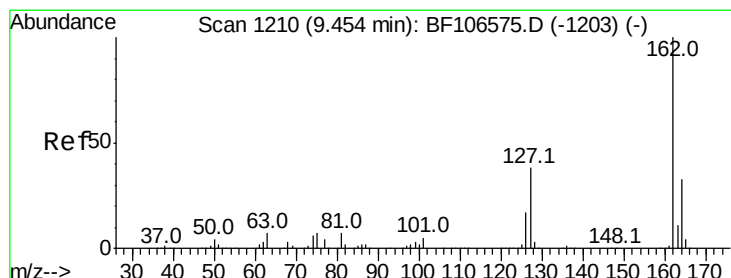
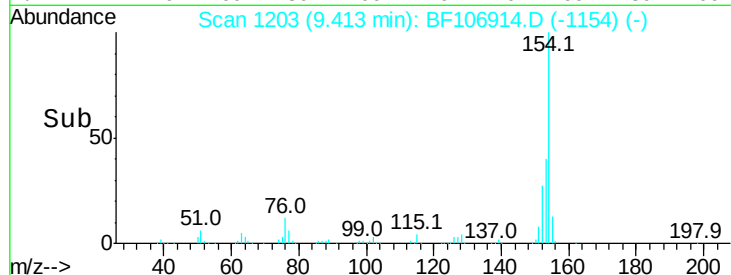
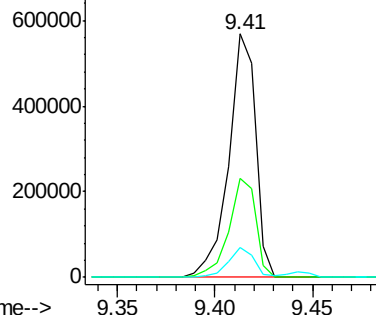
Tot Ion:	154	Resp:	543137
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.3	61.3
76	12.2	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 40.248 ng

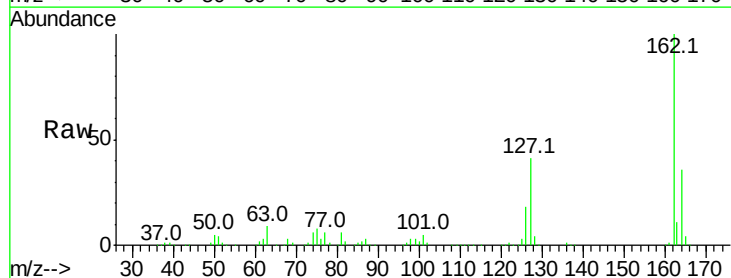
RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

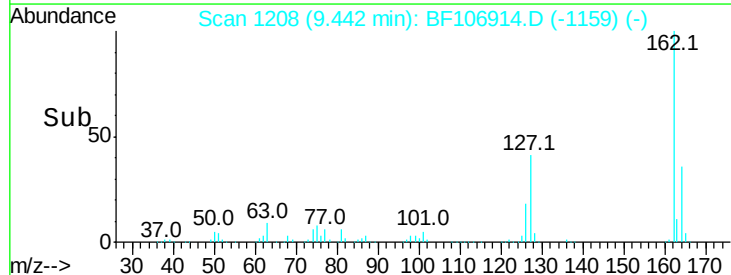
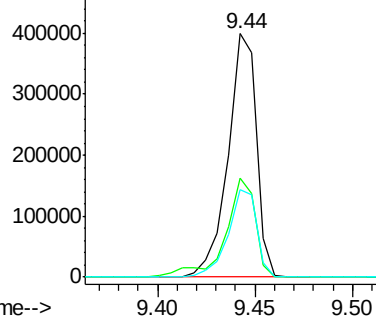
Lab File: BF106914.D

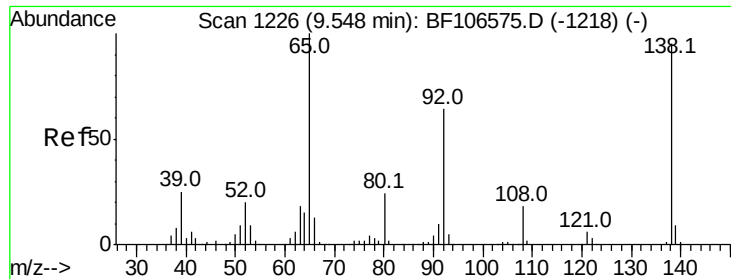
Acq: 28 Jun 2018 12:23

Tgt Ion:	162	Resp:	402131
Ion Ratio	Lower	Upper	
162	100		
127	40.7	33.9	50.9
164	35.7	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





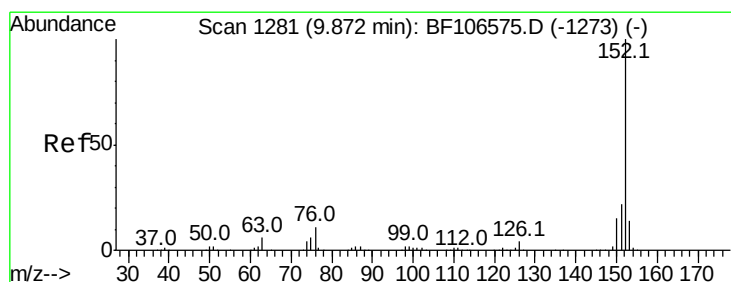
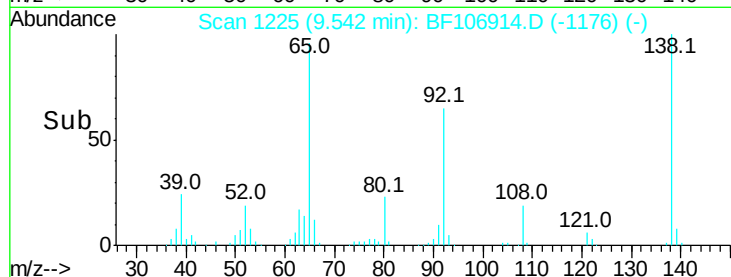
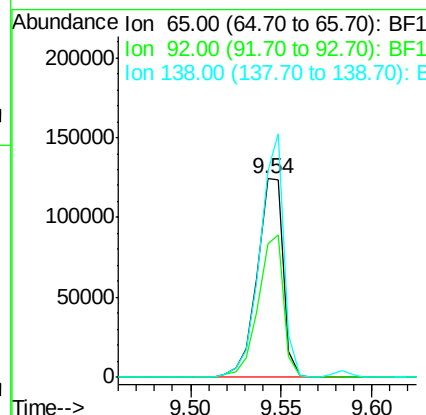
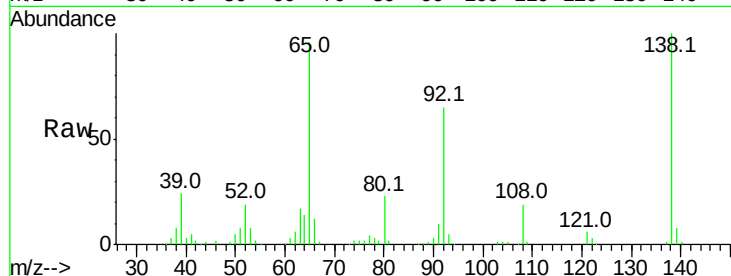
#47
2-Nitroaniline
Concen: 37.106 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.8	83.6
138	103.8	91.2	136.8

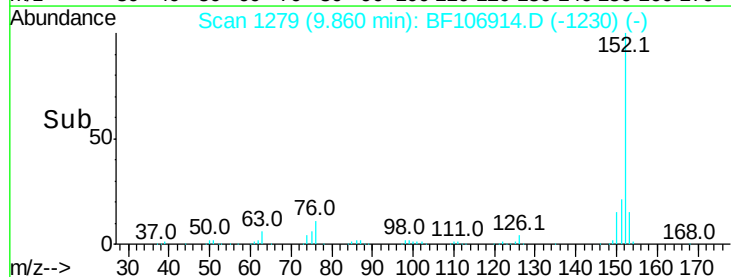
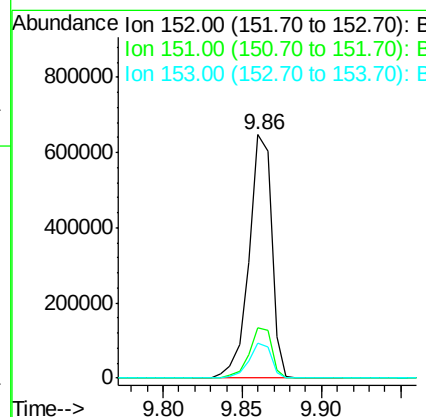
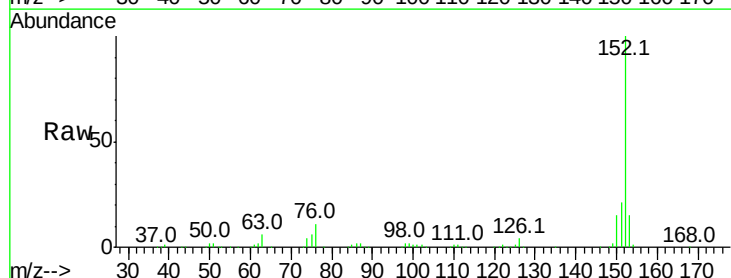
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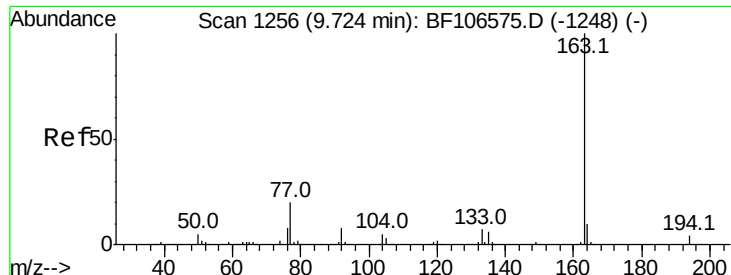
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#48
Acenaphthylene
Concen: 40.480 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.5	10.7	16.1





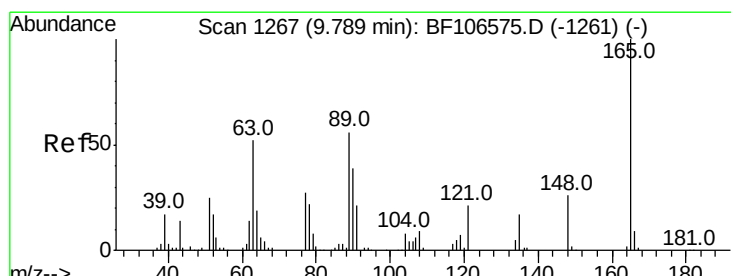
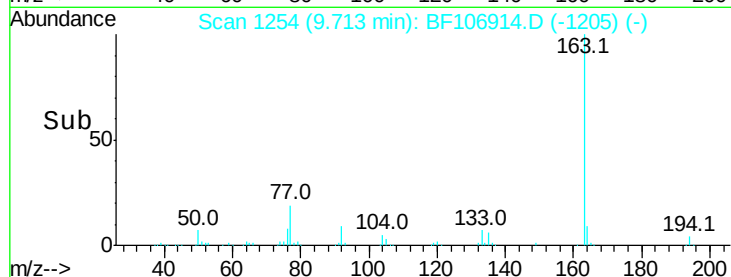
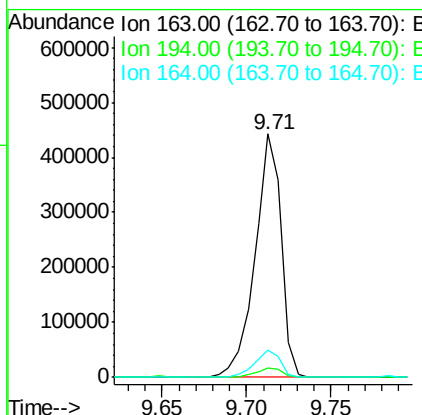
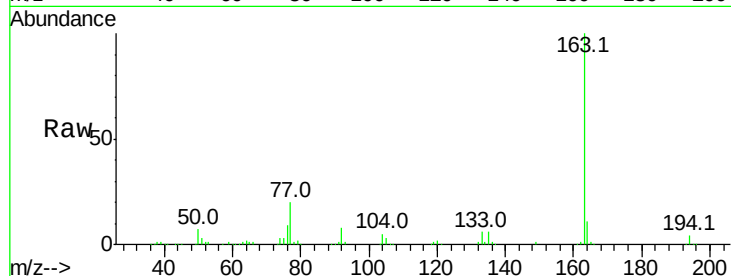
#49
 Dimethylphthalate
 Concen: 39.757 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	474911		
194	3.8	2.7	4.1	
164	11.1	8.2	12.2	

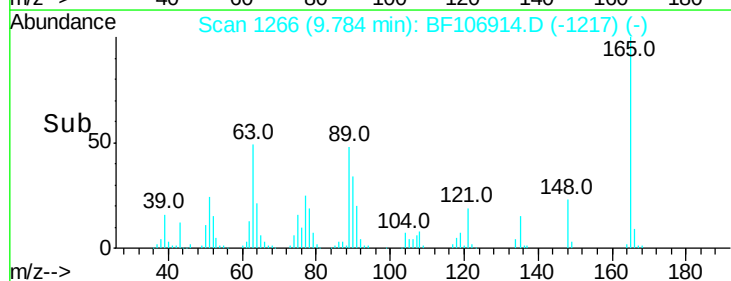
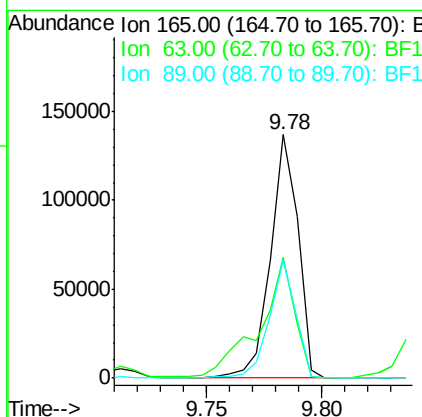
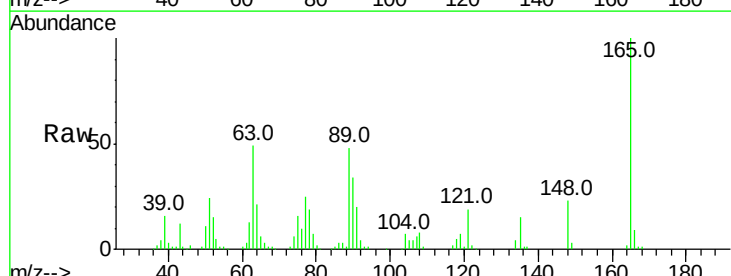
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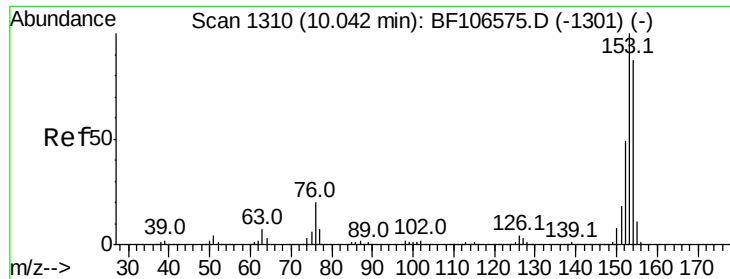
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#50
 2,6-Dinitrotoluene
 Concen: 44.782 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113275		
63	49.3	44.7	67.1	
89	48.5	44.0	66.0	





#51

Acenaphthene

Concen: 38.655 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

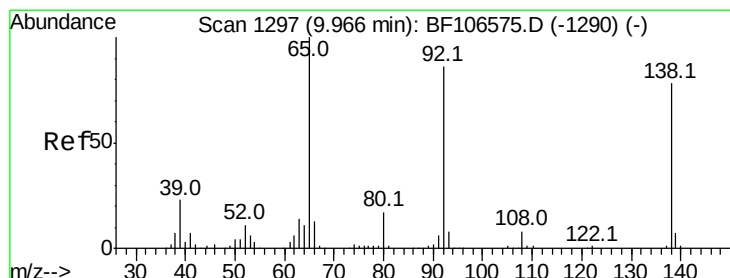
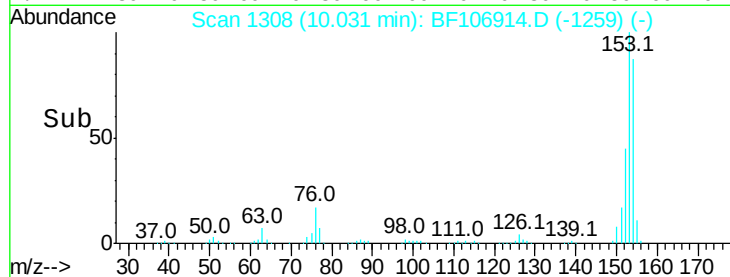
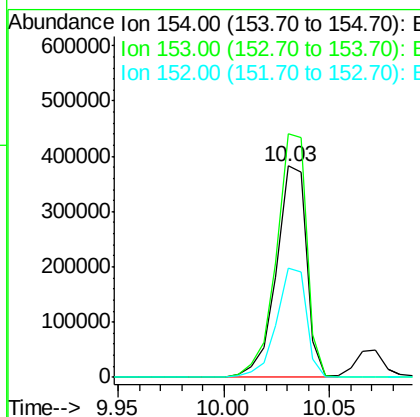
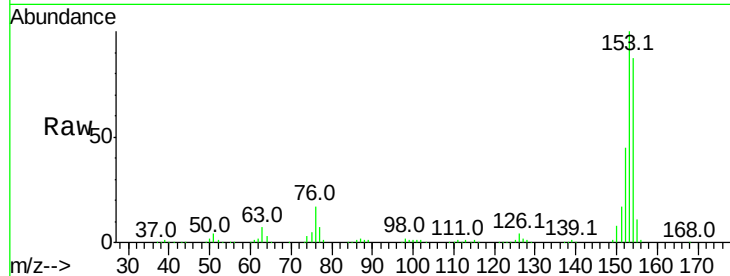
ClientSampleId :

PB110625BS

Tot Ion:	154	Resp:	383963
Ion Ratio	Lower	Upper	
154	100		
153	115.1	91.2	136.8
152	51.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 16.499 ng

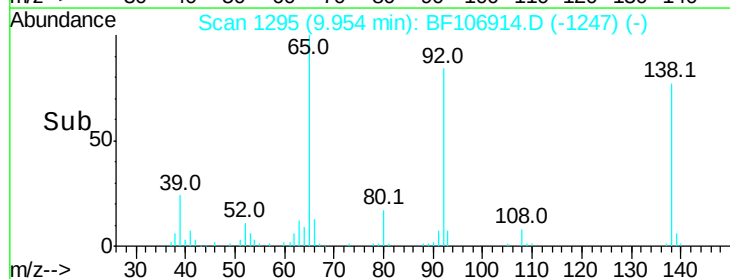
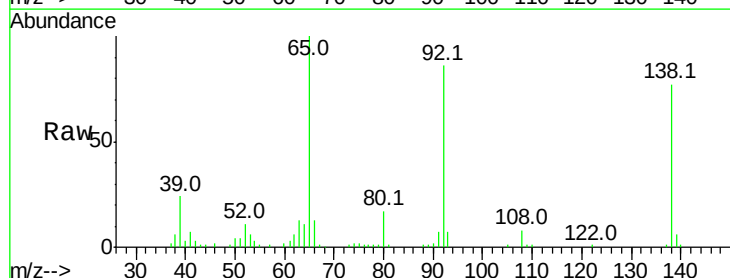
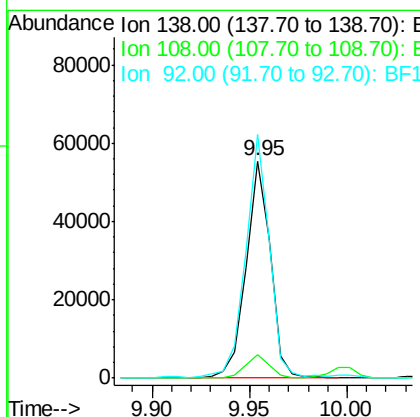
RT: 9.95 min Scan# 1295

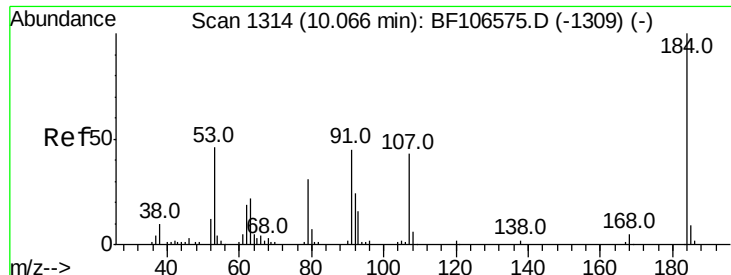
Delta R.T. -0.02 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion:	138	Resp:	48024
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	112.1	89.4	134.2





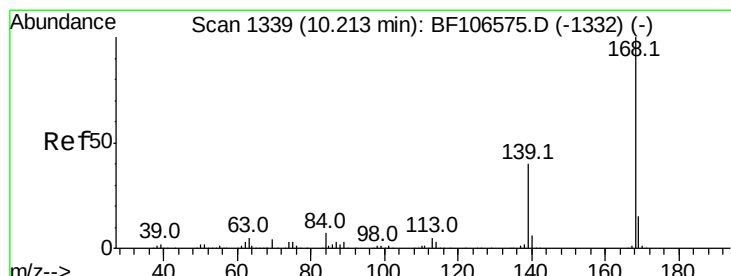
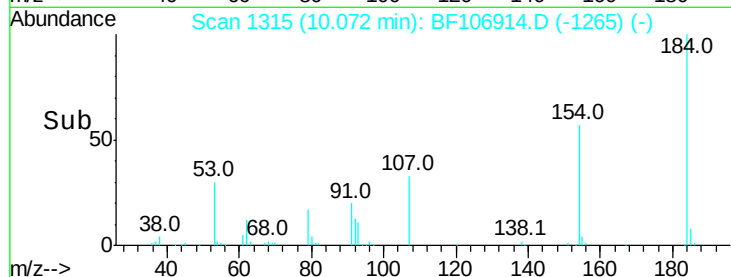
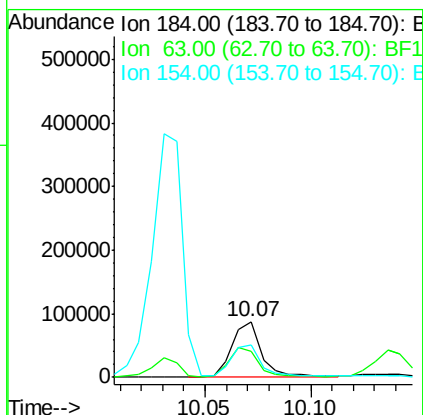
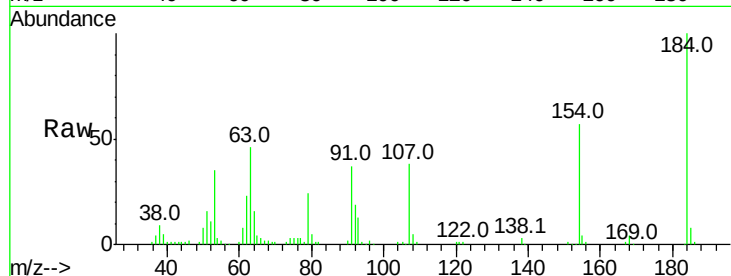
#53
 2,4-Dinitrophenol
 Concen: 67.152 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampled :
 PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	46.5	54.2	81.2#	
154	57.4	184.0	276.0#	

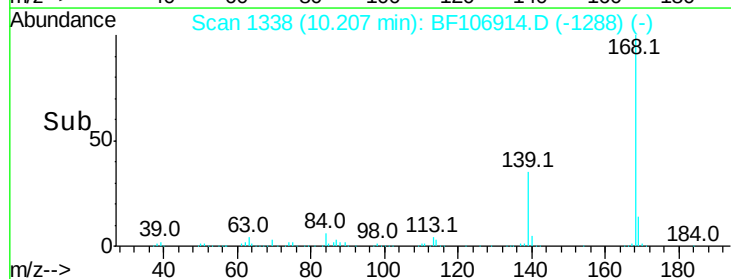
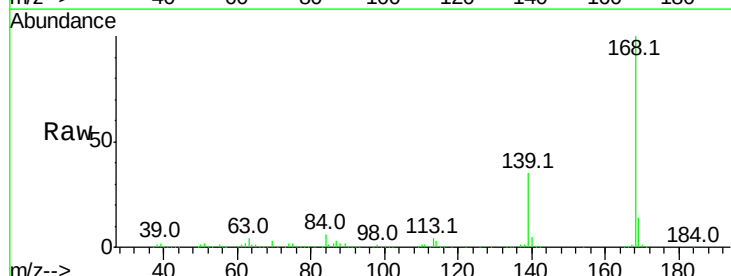
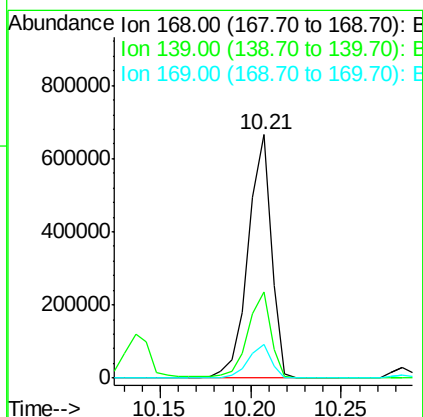
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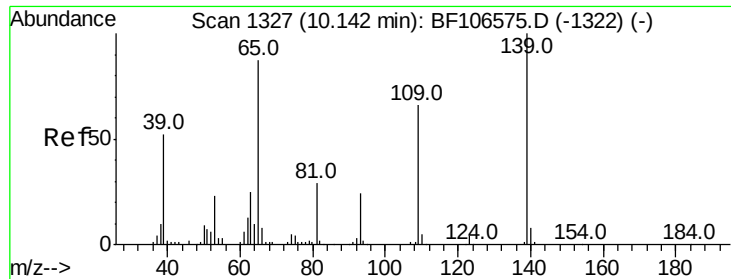
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#54
 Dibenzofuran
 Concen: 43.483 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.4	30.1	45.1	
169	13.6	10.9	16.3	





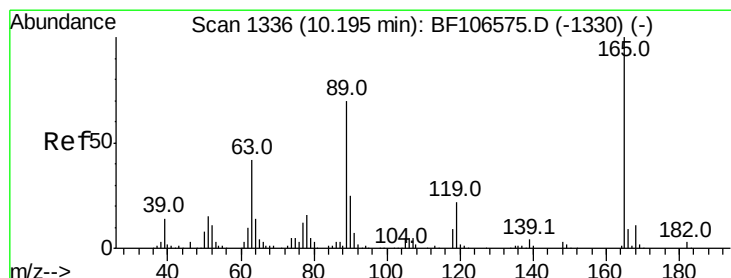
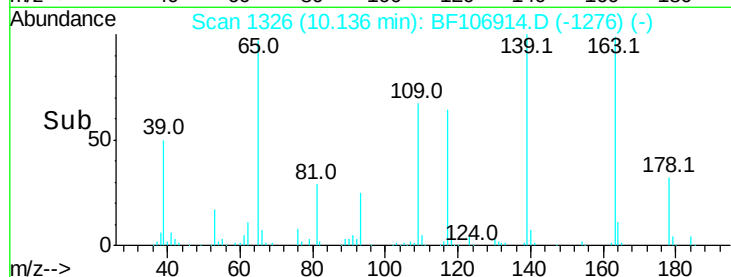
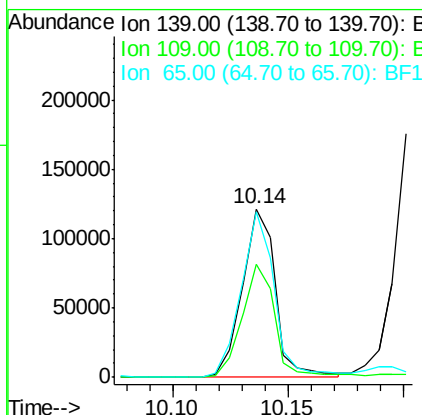
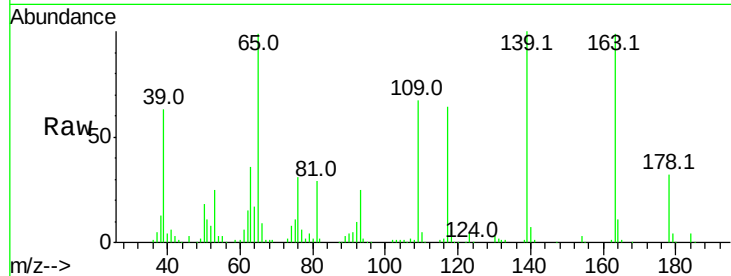
#55
4-Nitrophenol
Concen: 60.056 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	122019		
109	67.1	48.4	88.4	
65	98.6	72.6	112.6	

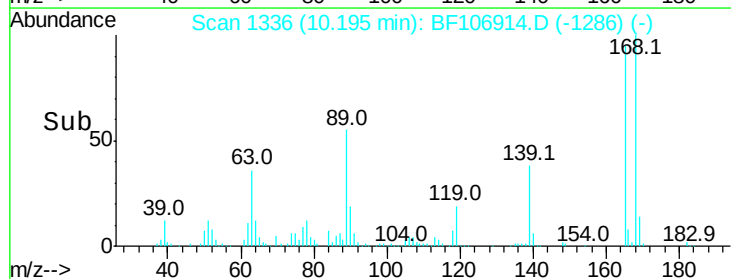
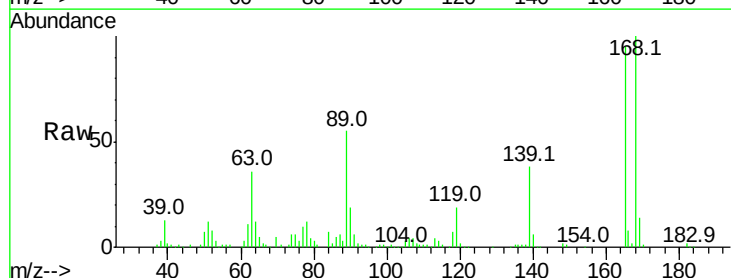
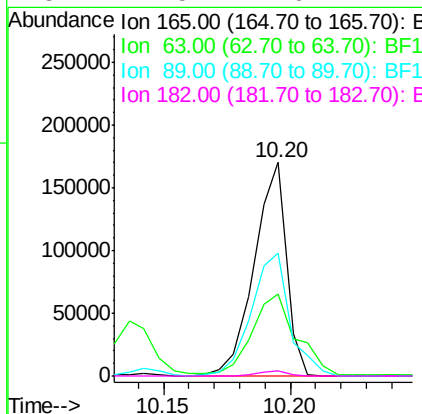
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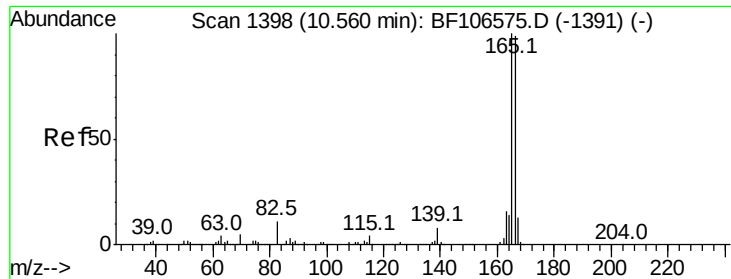
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#56
2,4-Dinitrotoluene
Concen: 45.691 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150856		
63	38.2	36.4	54.6	
89	57.3	57.8	86.6#	
182	2.5	1.6	2.4#	





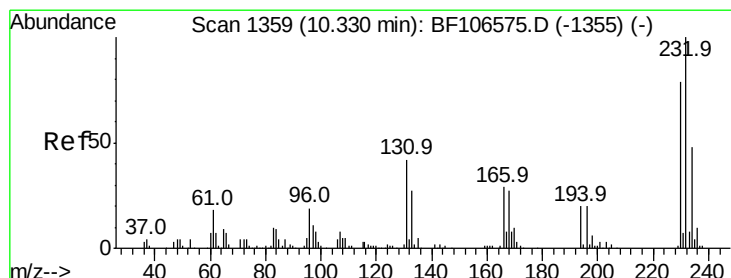
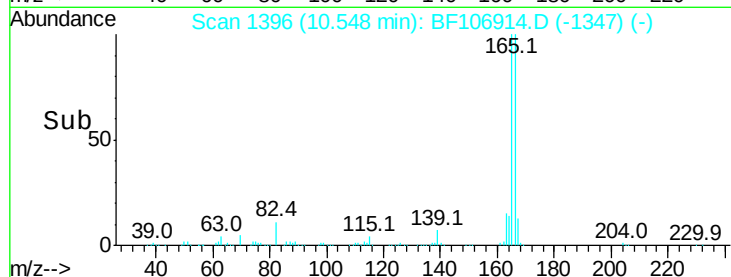
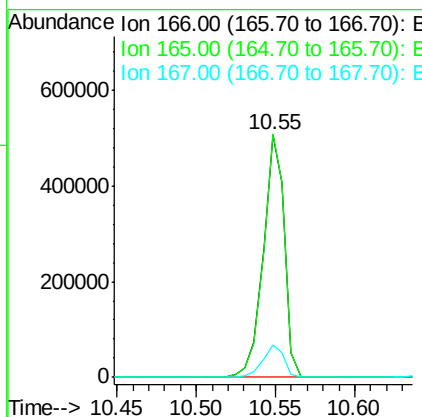
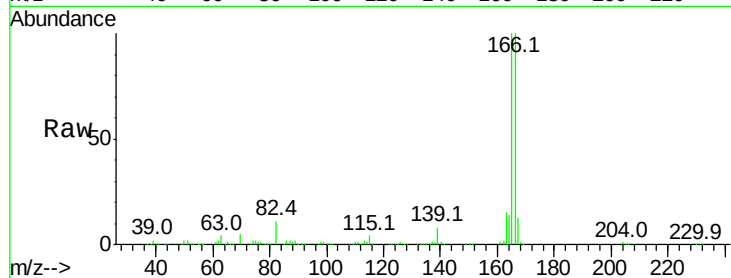
#57
 Fluorene
 Concen: 43.850 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	13.5	10.6	16.0

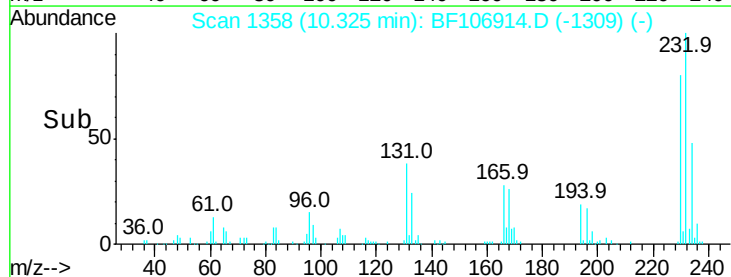
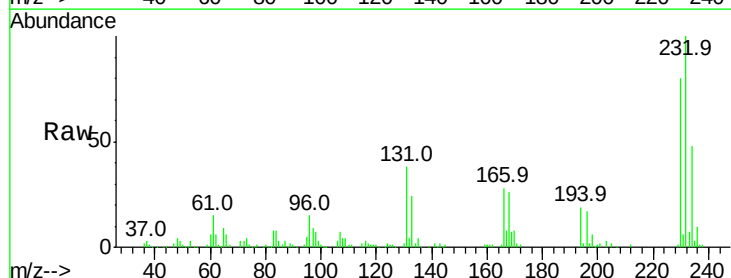
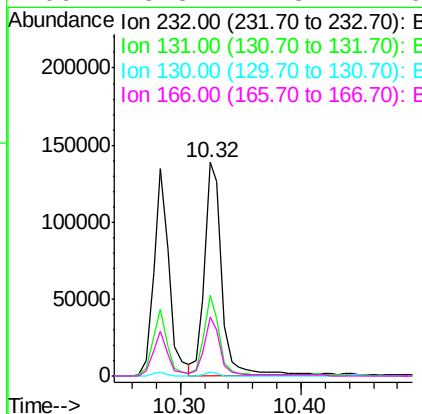
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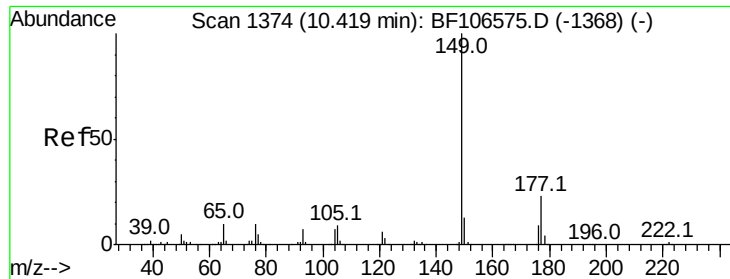
Sohil
 6/29/2018 2:30:32 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.089 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.8	43.8	65.8#
130	1.5	2.1	3.1#
166	25.3	27.8	41.6#





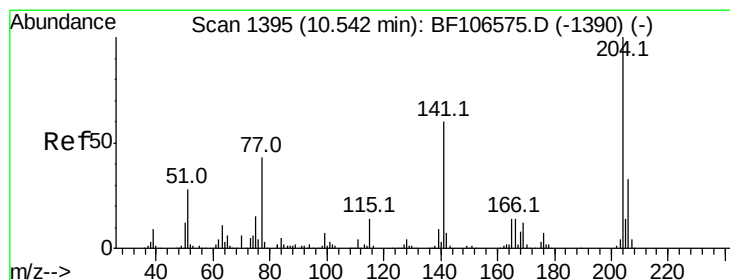
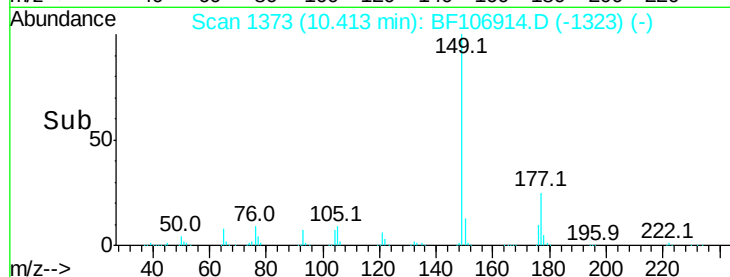
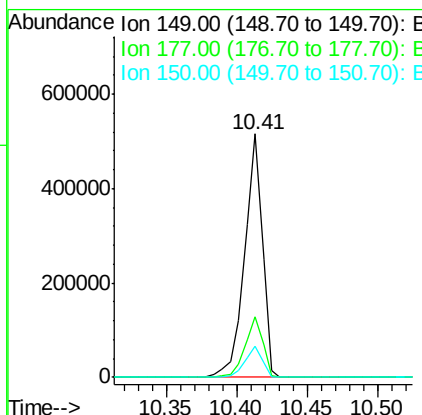
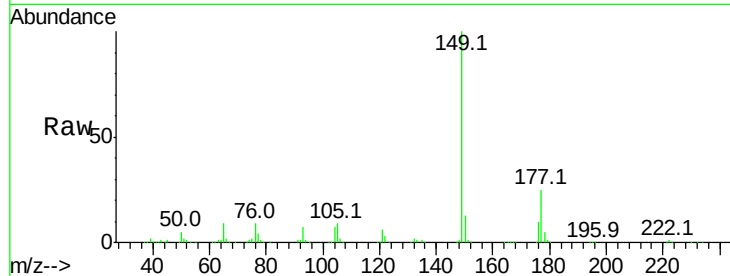
#59
Diethylphthalate
Concen: 39.404 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	454308		
177	25.0	16.1	24.1#	
150	12.6	10.1	15.1	

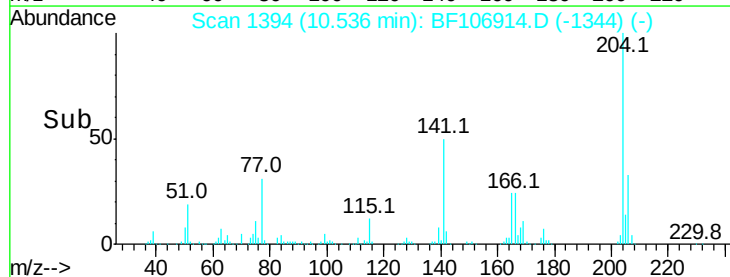
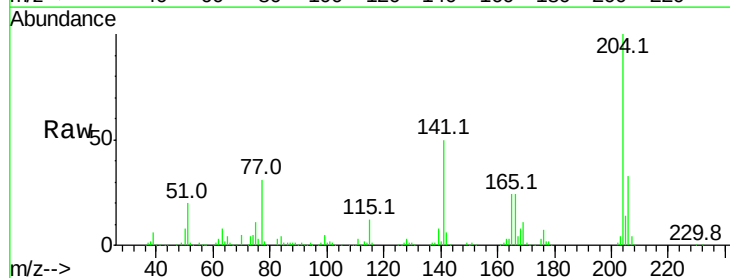
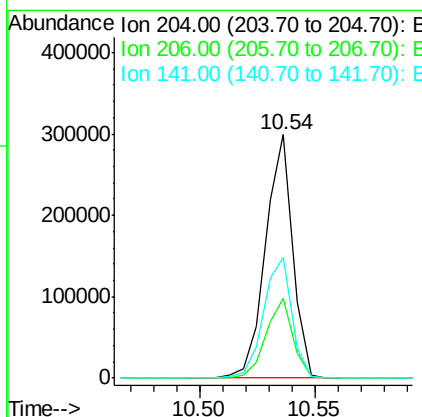
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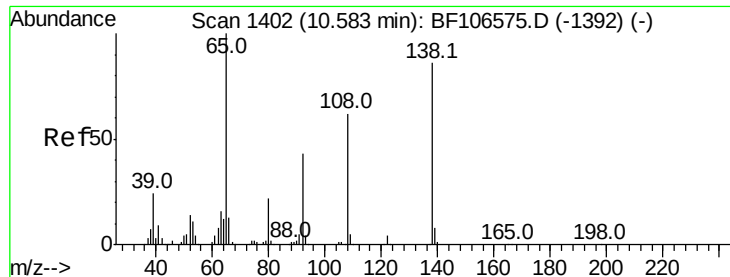
Sohil
6/29/2018 2:30:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.233 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	244153		
206	32.9	26.5	39.7	
141	49.8	54.6	81.8#	





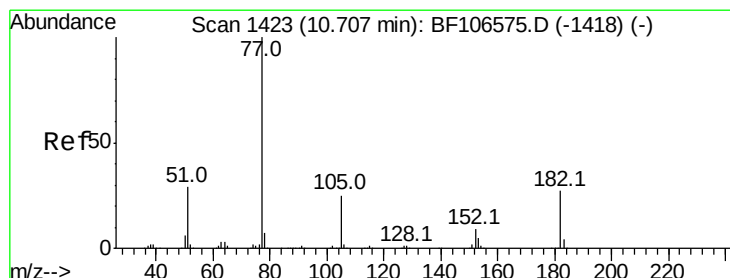
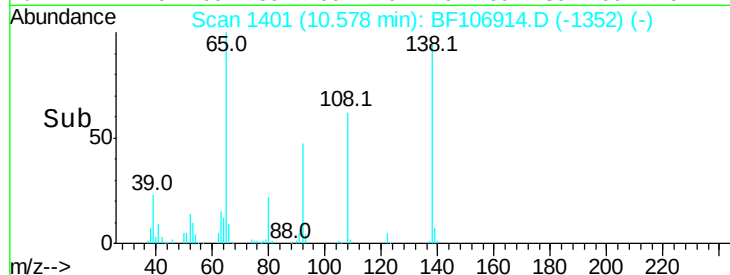
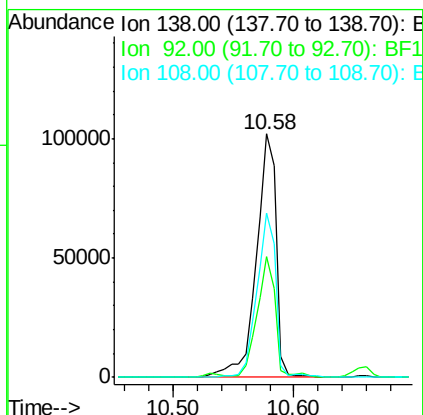
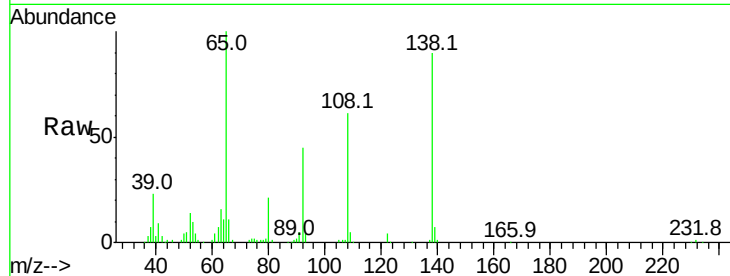
#61
4-Nitroaniline
Concen: 40.488 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.6	30.2	70.2	
108	67.2	52.5	92.5	

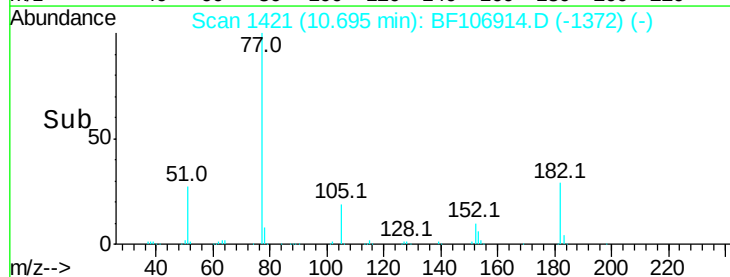
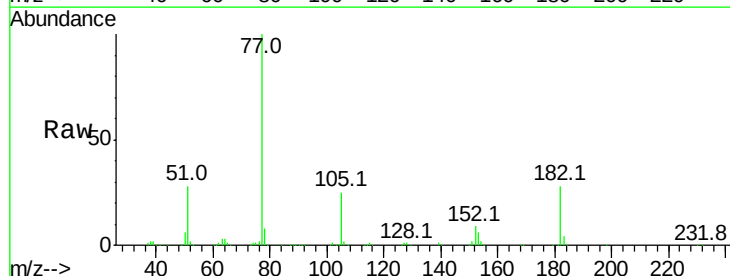
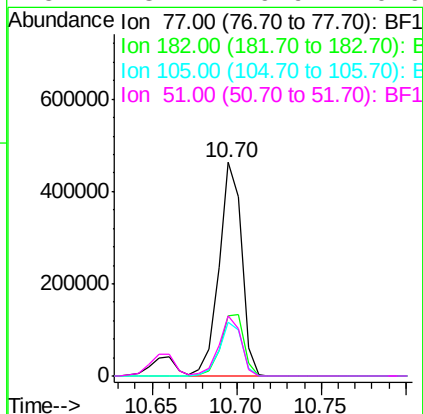
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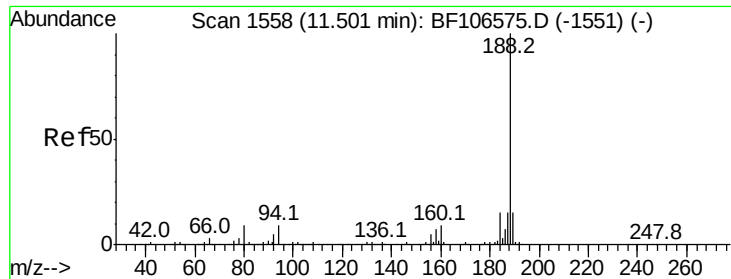
Sohil
6/29/2018 2:30:32 PM



#62
Azobenzene
Concen: 38.117 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.2	1.7	41.7	
105	25.2	3.0	43.0	
51	28.2	9.9	49.9	





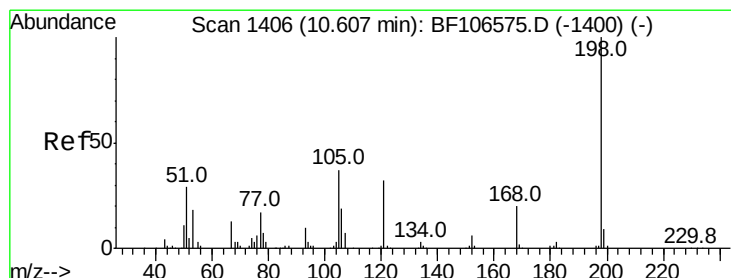
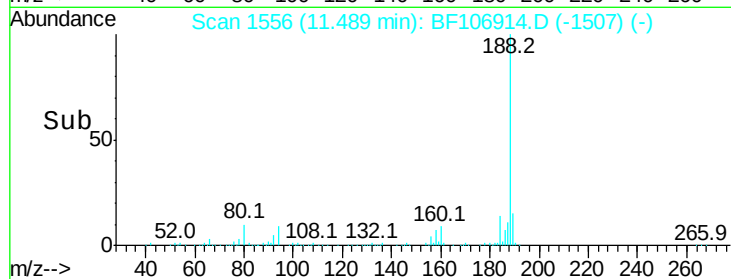
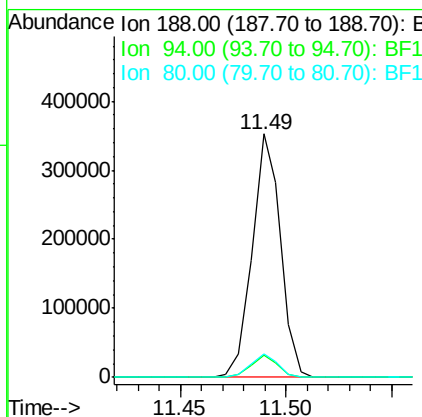
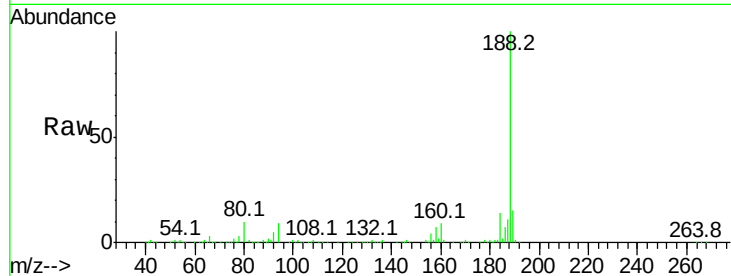
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8

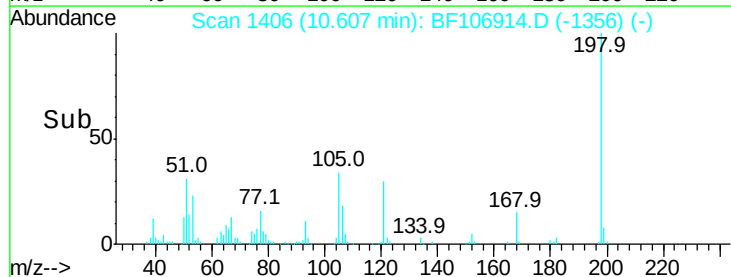
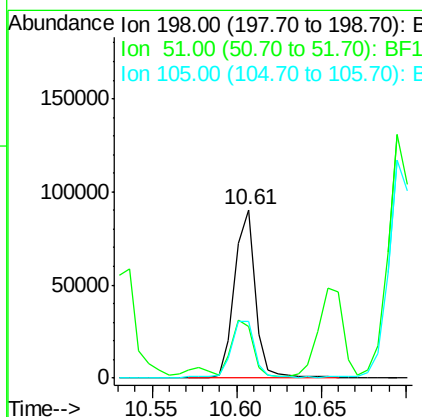
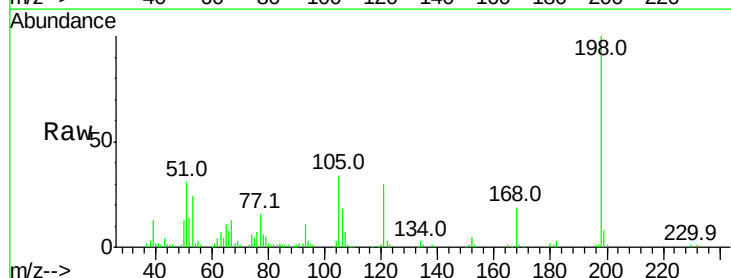
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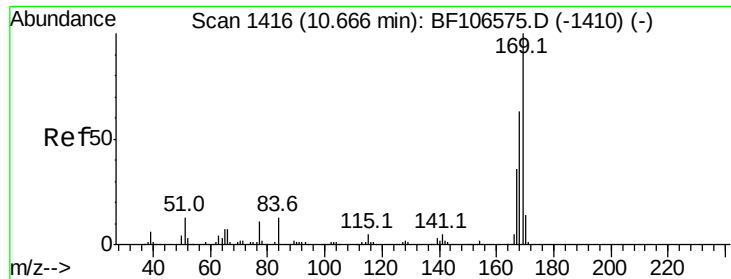
Sohil
6/29/2018 2:30:32 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.287 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	30.8	37.7	77.7#
105	33.7	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 37.003 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

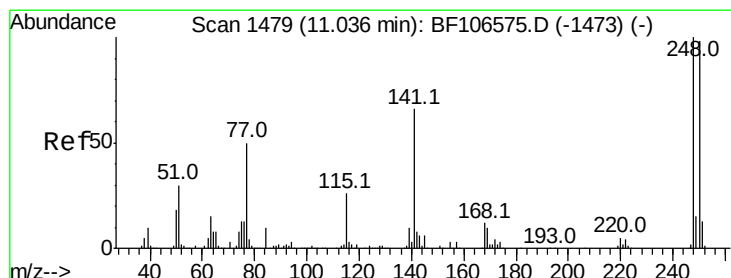
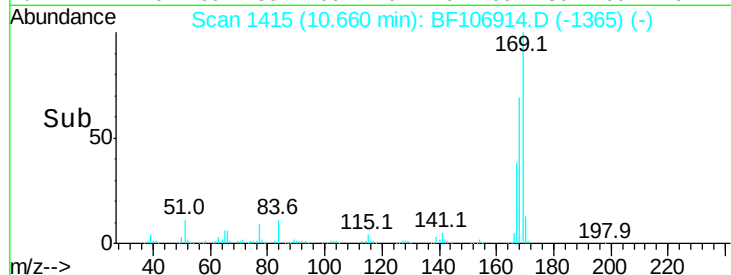
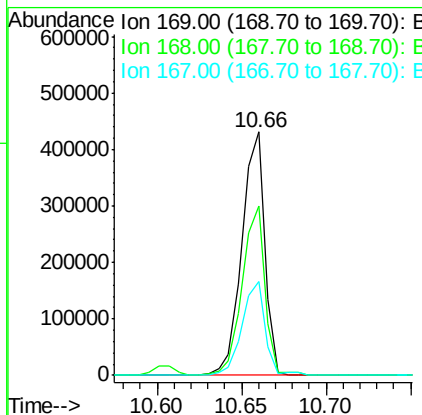
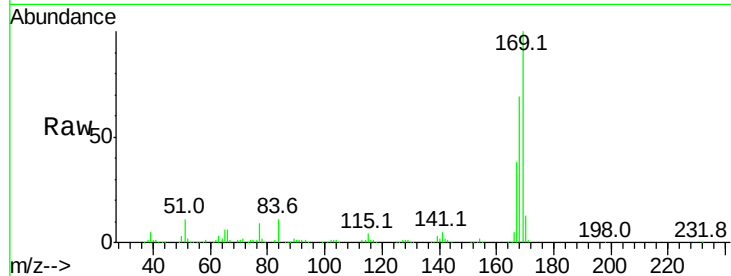
ClientSampleId :

PB110625BS

Tot Ion:	169	Resp:	409059
Ion Ratio	Lower	Upper	
169	100		
168	69.3	54.4	81.6
167	38.3	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 43.789 ng

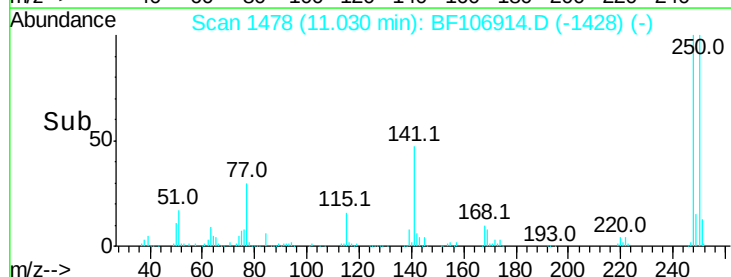
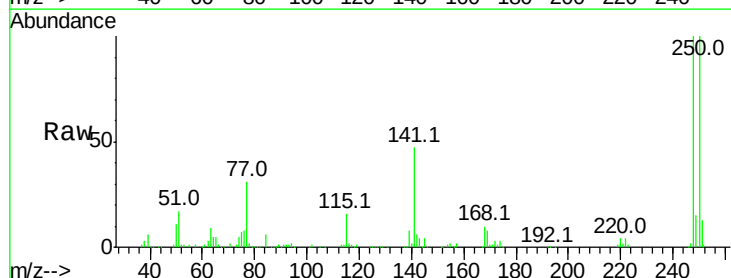
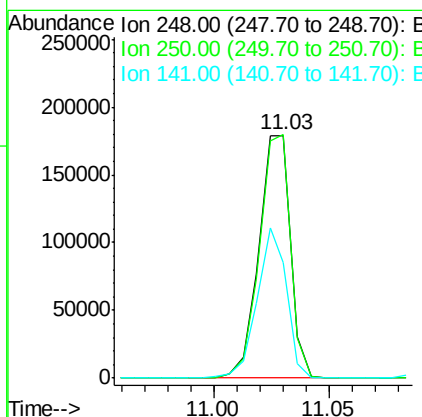
RT: 11.03 min Scan# 1478

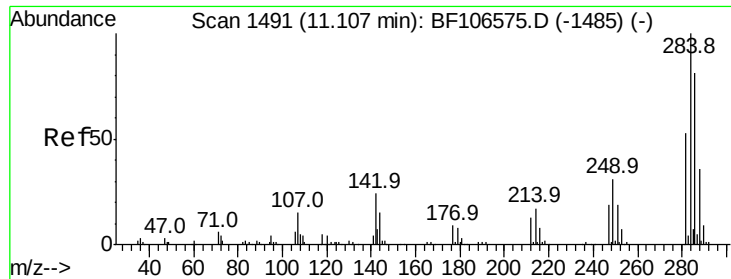
Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion:	248	Resp:	171762
Ion Ratio	Lower	Upper	
248	100		
250	100.2	76.9	115.3
141	47.6	74.4	111.6#





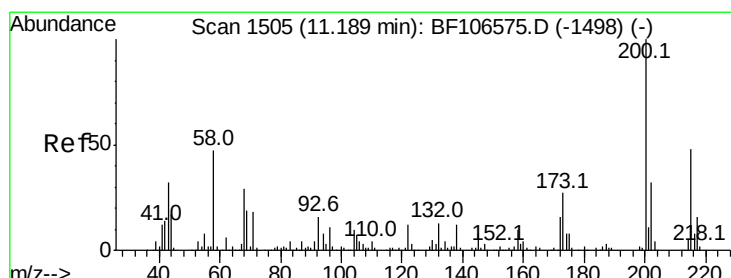
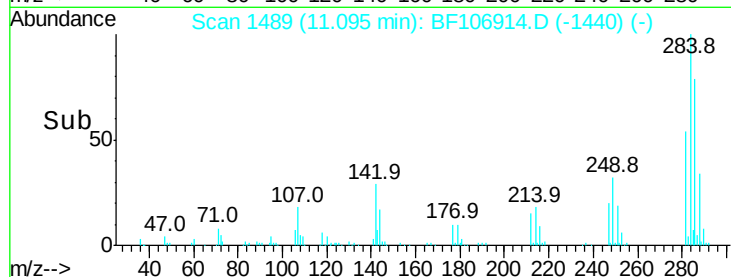
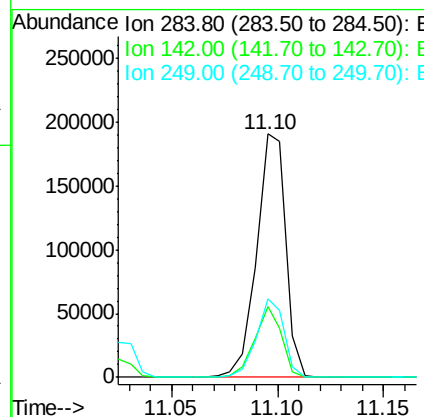
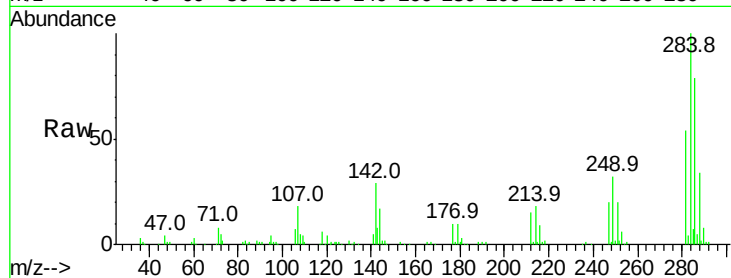
#67
Hexachlorobenzene
Concen: 44.668 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.2	34.6	52.0	
249	32.1	24.8	37.2	

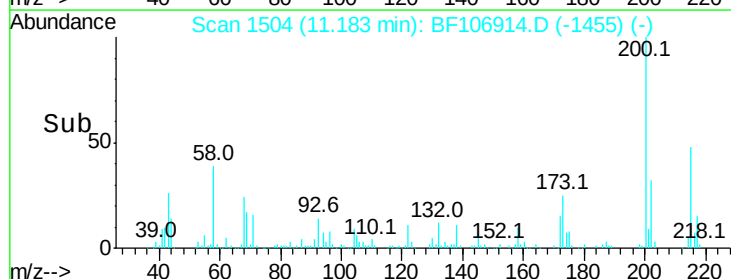
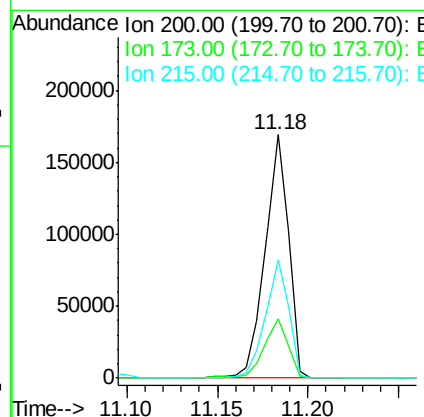
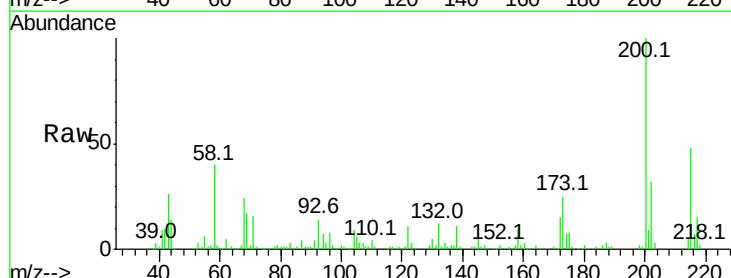
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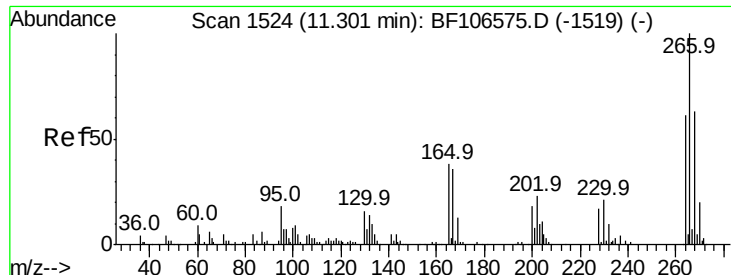
Sohil
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#68
Atrazine
Concen: 43.556 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.5	8.6	48.6	
215	48.5	25.1	65.1	





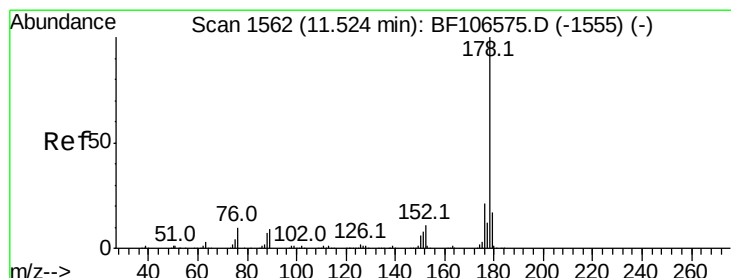
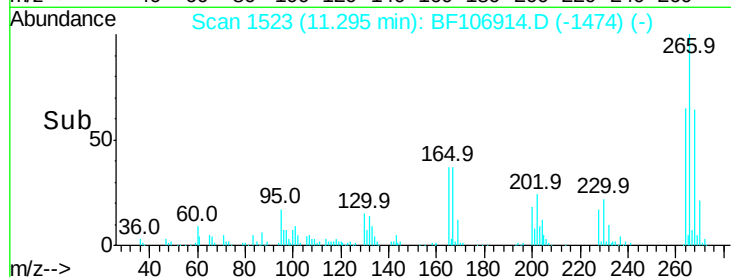
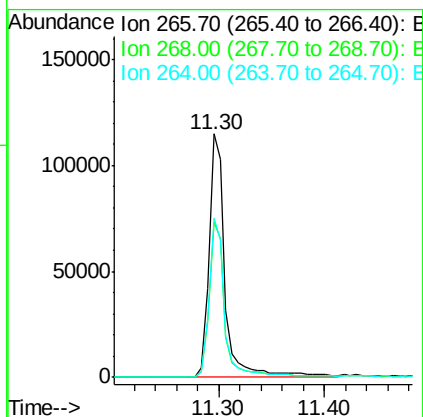
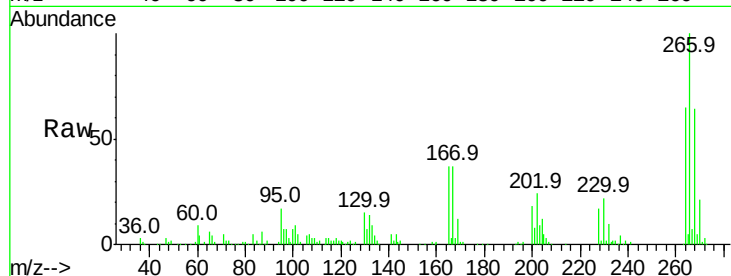
#69
 Pentachlorophenol
 Concen: 60.122 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	123156		
268	64.0	51.1	76.7	
264	65.2	49.5	74.3	

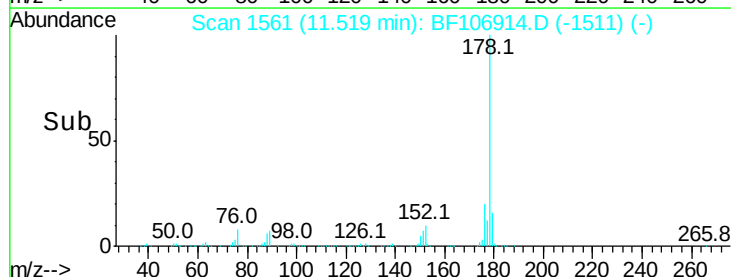
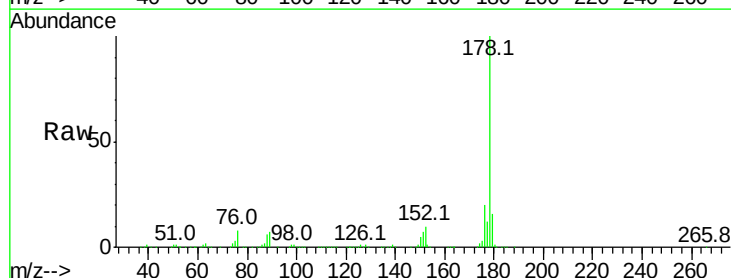
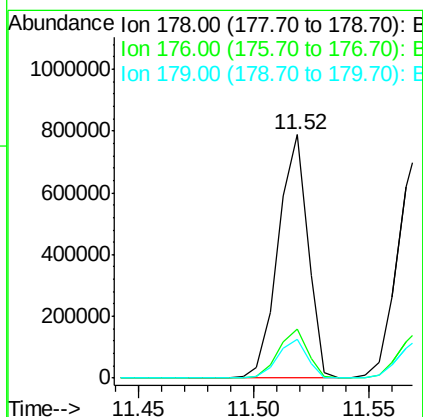
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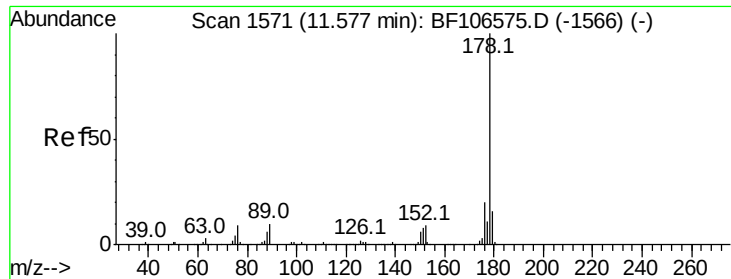
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#70
 Phenanthrene
 Concen: 44.146 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	699821		
176	20.4	15.8	23.8	
179	16.0	13.0	19.6	





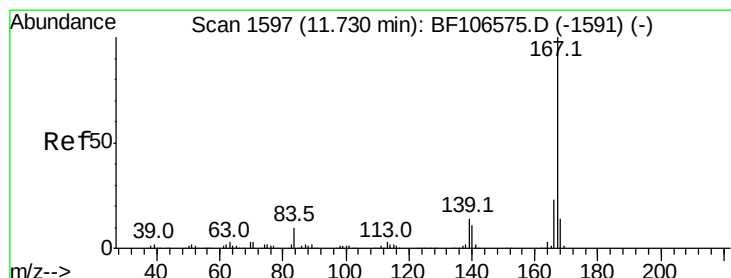
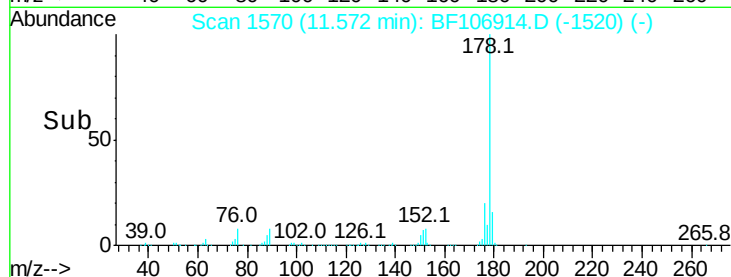
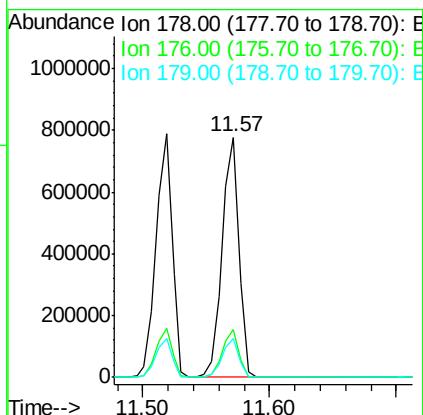
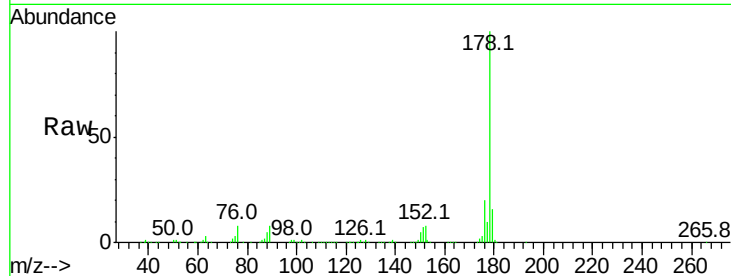
#71
 Anthracene
 Concen: 44.731 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.0	12.6	19.0

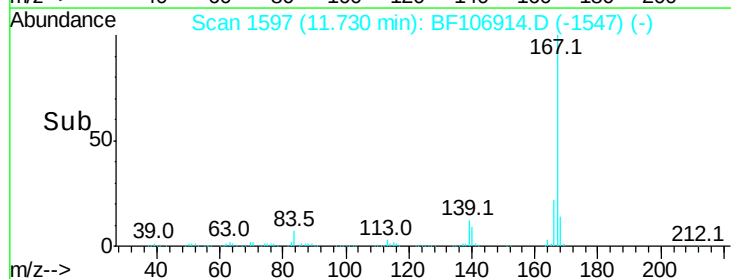
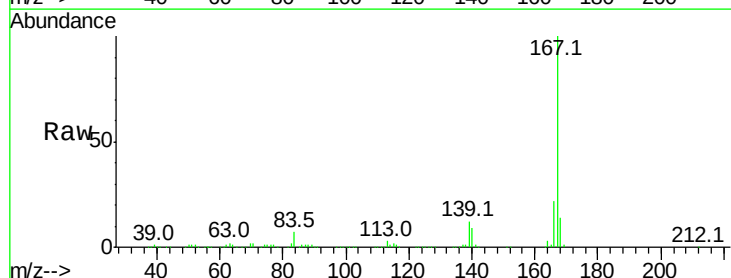
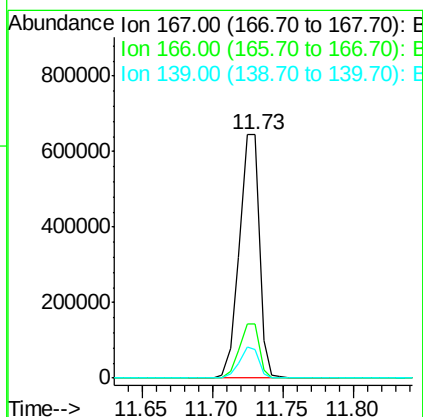
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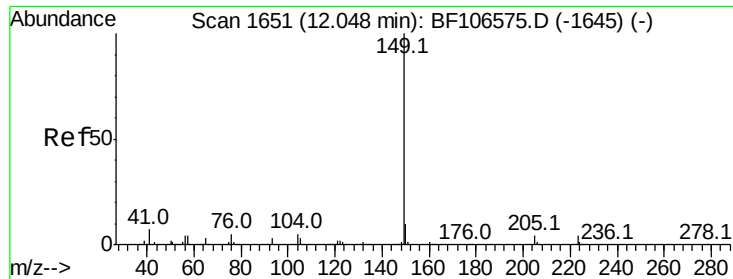
Sohil
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#72
 Carbazole
 Concen: 42.436 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	11.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.938 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

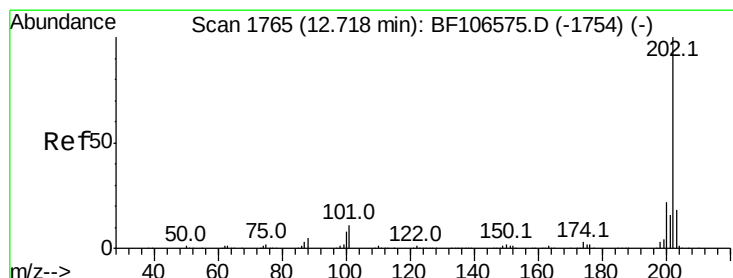
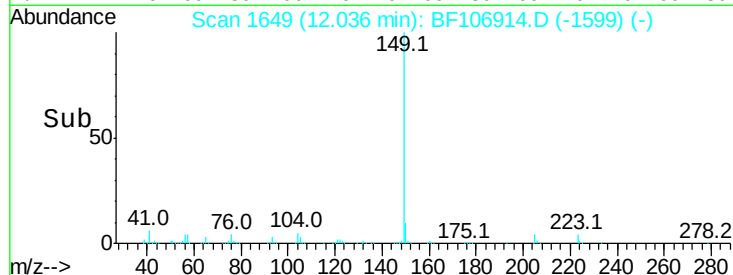
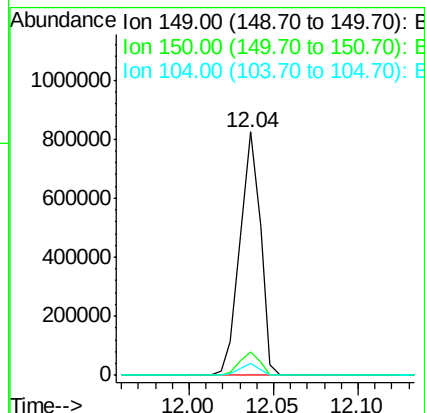
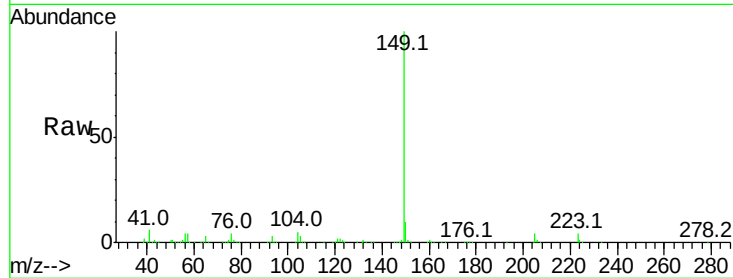
ClientSampleId :

PB110625BS

Tot Ion:	149	Resp:	694919
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.7	3.8	5.8

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#74

Fluoranthene

Concen: 44.717 ng

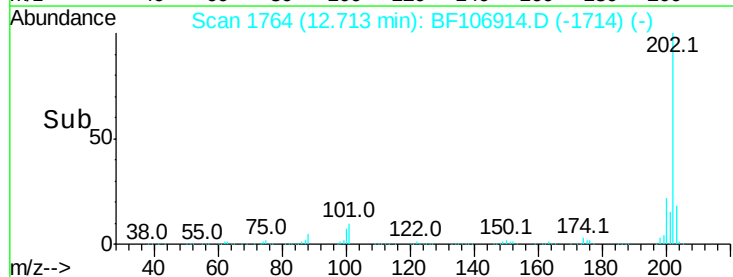
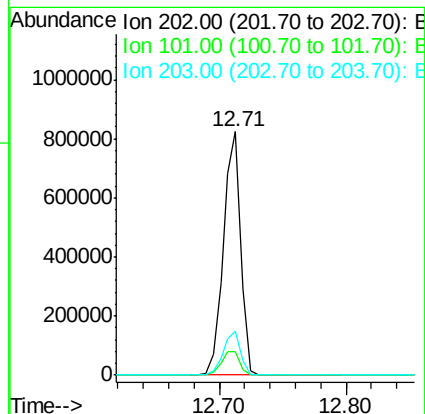
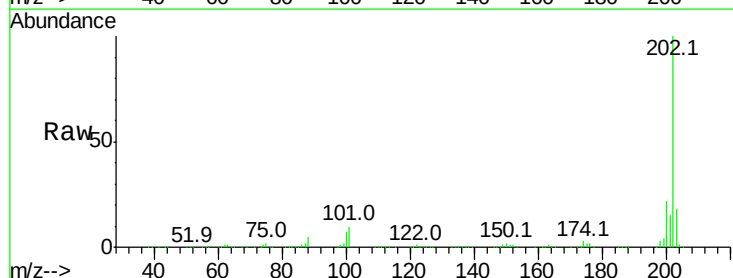
RT: 12.71 min Scan# 1764

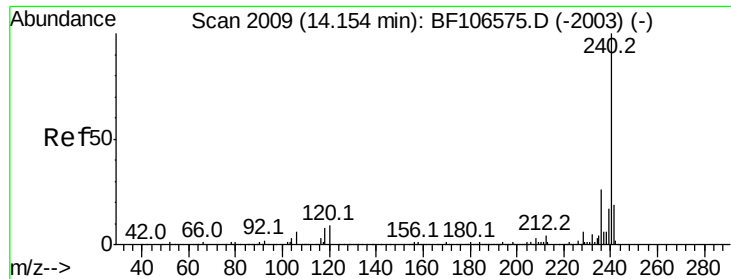
Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion:	202	Resp:	781306
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

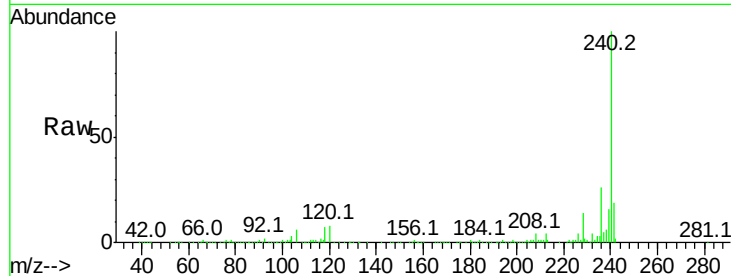
ClientSampleId :

PB110625BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	26.1	20.7	31.1

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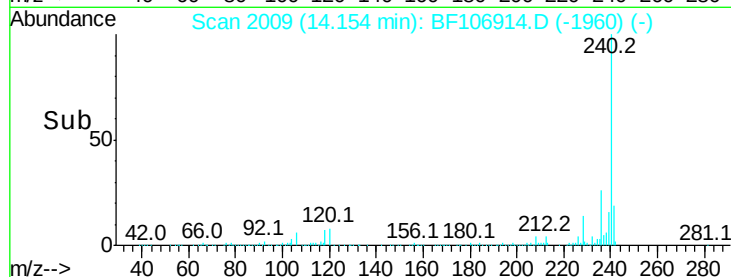


Abundance Ion 240.00 (239.70 to 240.70): E

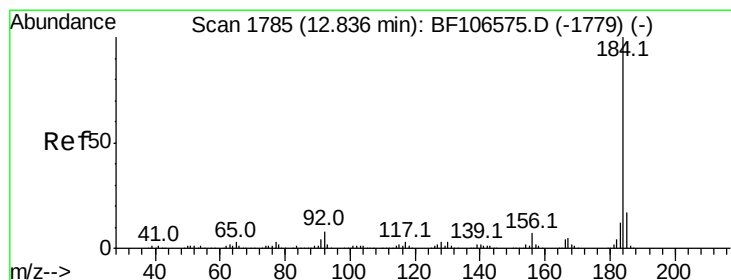
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.15



Time-->



#76

Benzidine

Concen: 32.338 ng

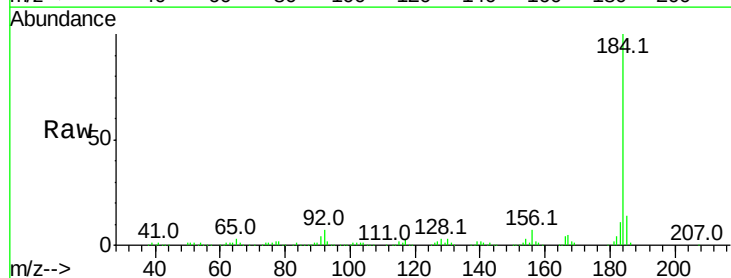
RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.6	18.8
183	11.1	9.3	13.9

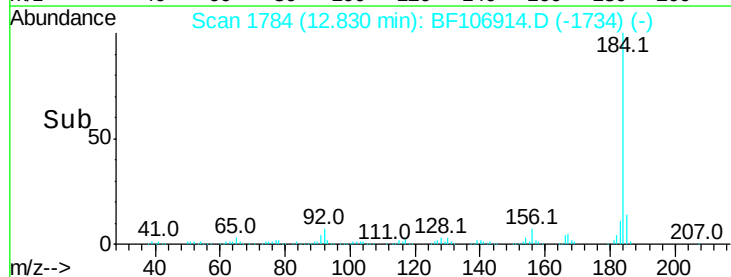


Abundance Ion 184.00 (183.70 to 184.70): E

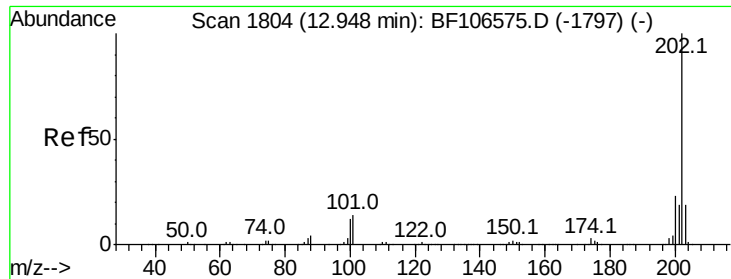
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.83



Time-->



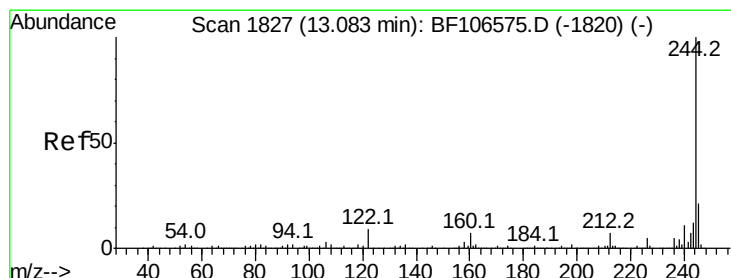
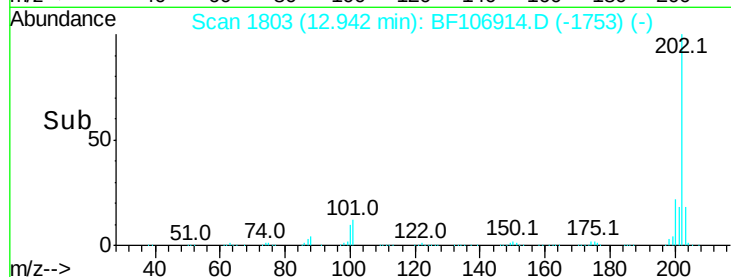
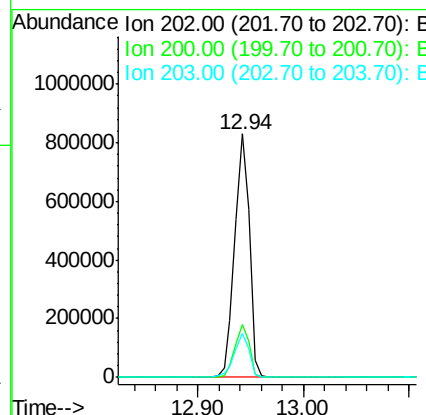
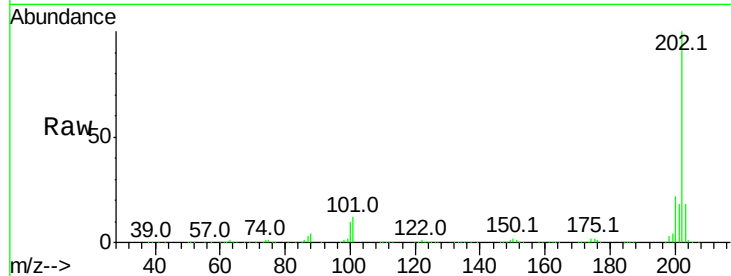
#77
Pvrene
Concen: 45.046 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampled :
PB110625BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.9	14.3	21.5

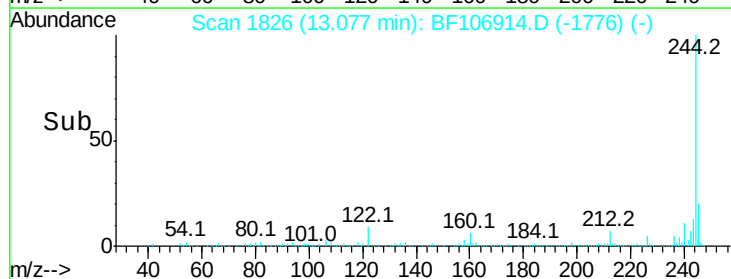
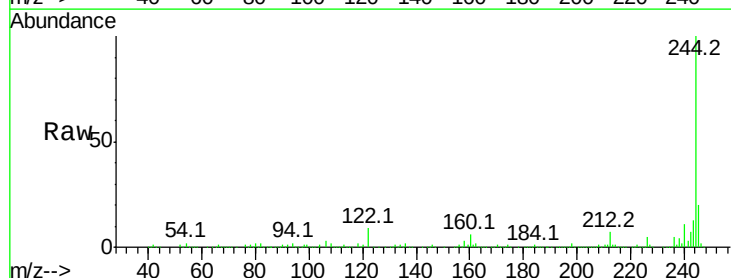
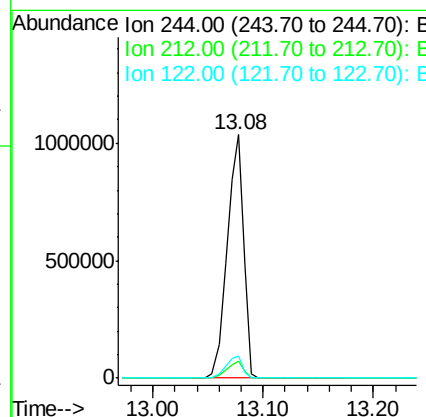
Manual Integrations
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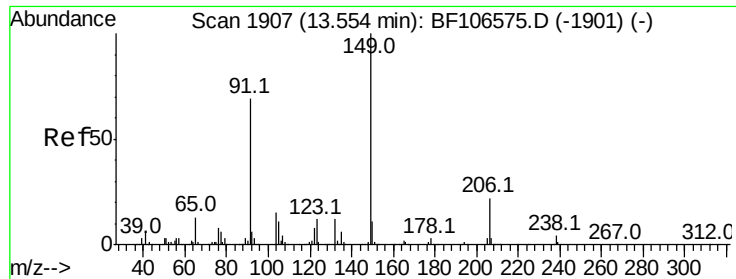
Sohil
6/29/2018 2:30:32 PM



#78
Terphenyl-d14
Concen: 97.736 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.9	11.0	16.4#





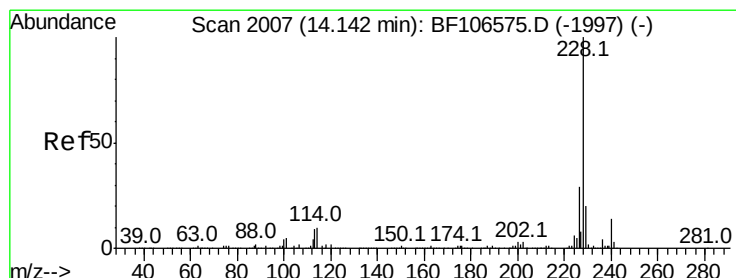
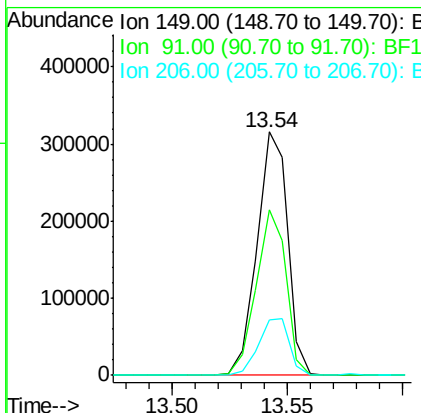
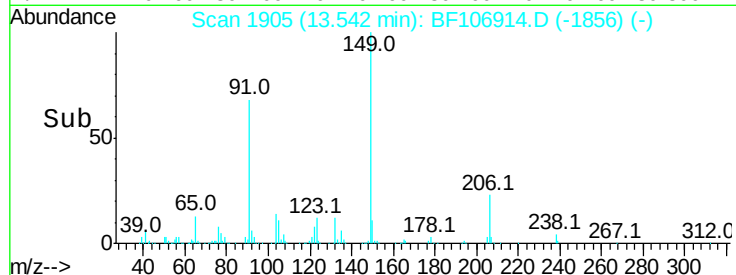
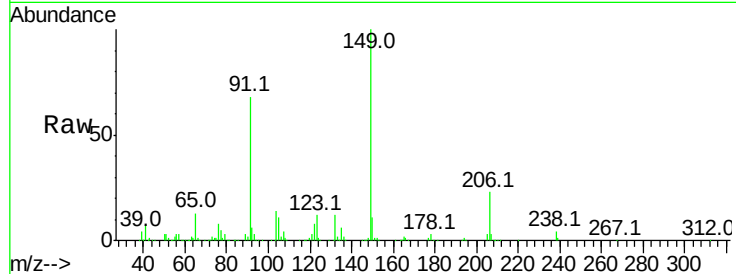
#79
Butylbenzylphthalate
Concen: 40.525 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.1	56.8	85.2
206	22.6	14.1	21.1

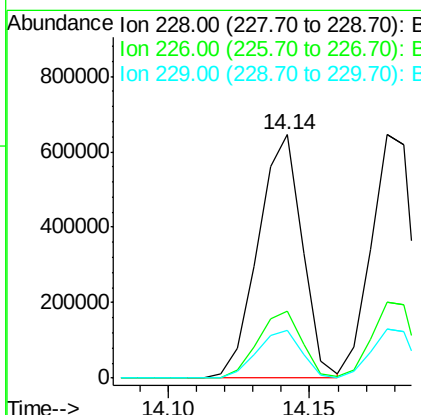
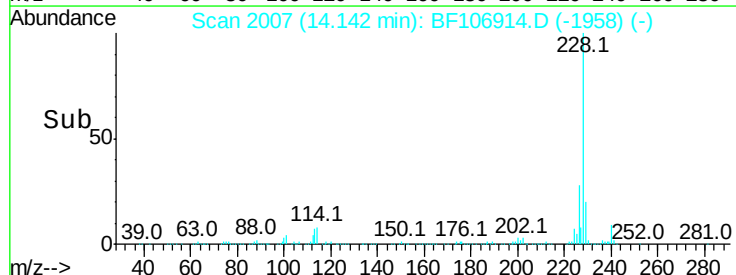
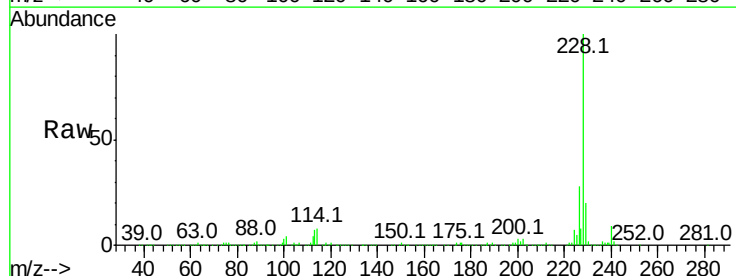
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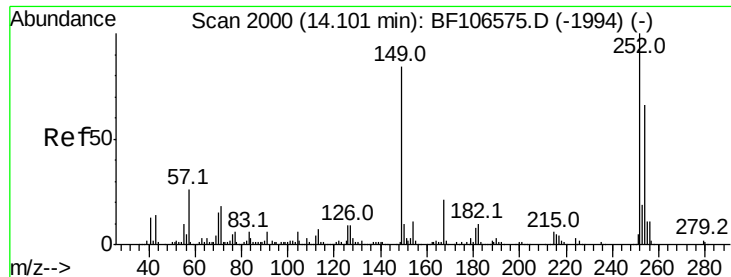
Sohil
6/29/2018 2:30:32 PM



#80
Benzo(a)anthracene
Concen: 43.051 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.6	33.8
229	19.8	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 17.099 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Instrument :

BNA_F

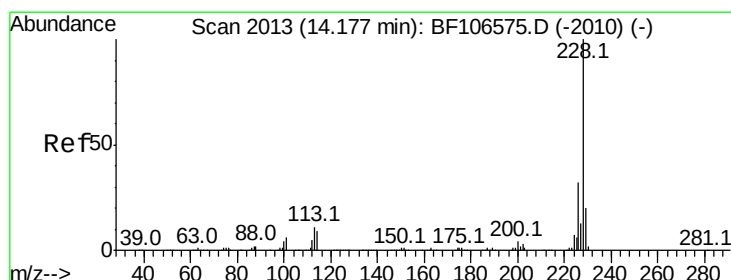
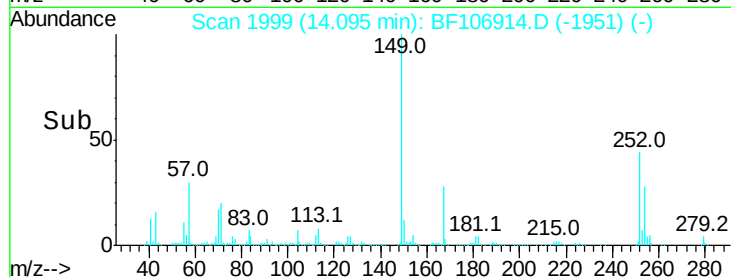
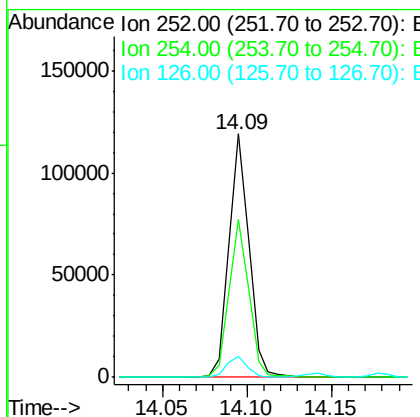
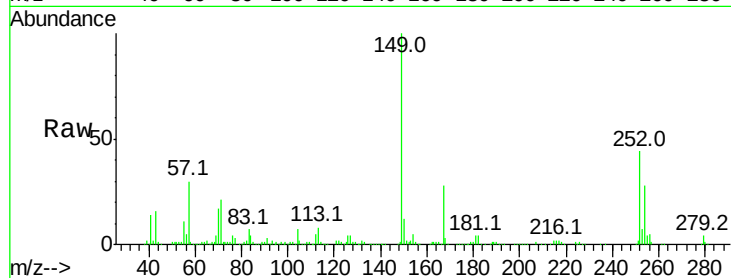
ClientSampleId :

PB110625BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	8.4	11.3	16.9

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#82

Chrysene

Concen: 42.900 ng

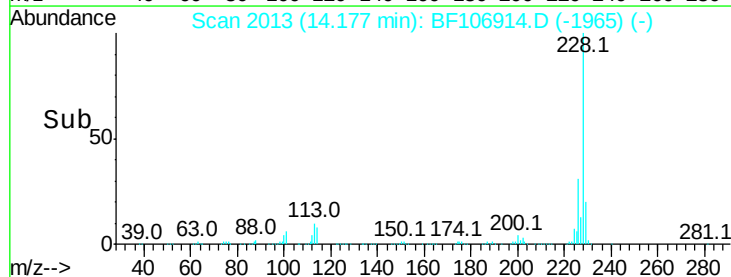
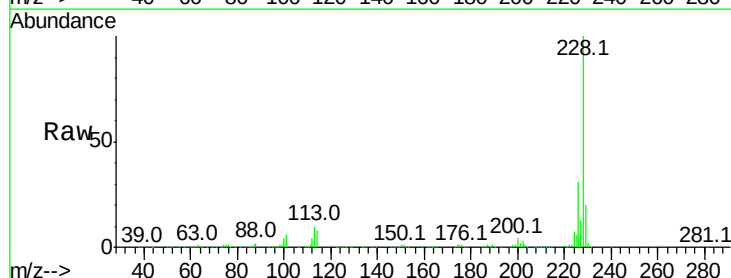
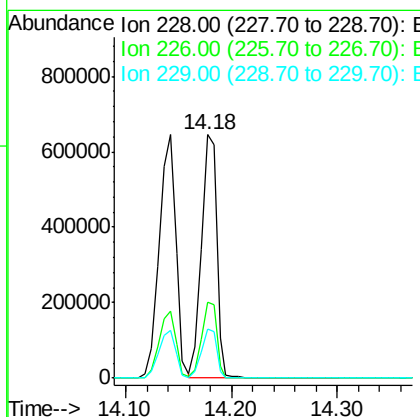
RT: 14.18 min Scan# 2013

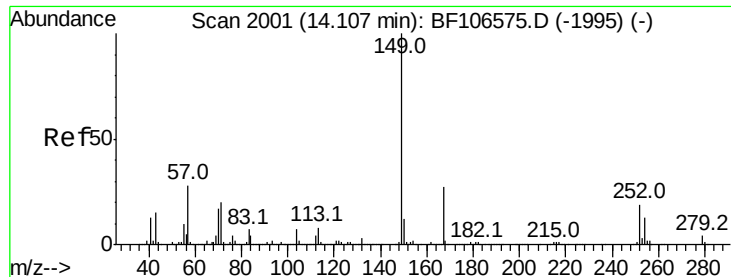
Delta R.T. -0.02 min

Lab File: BF106914.D

Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.4	16.2	24.4





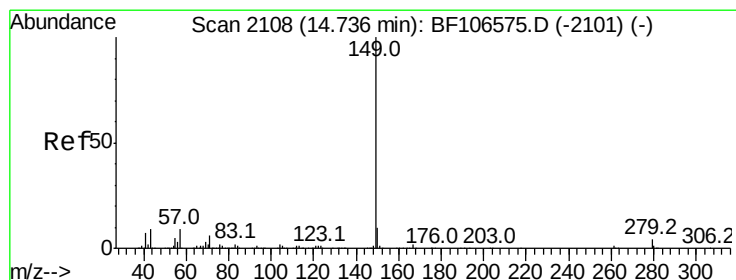
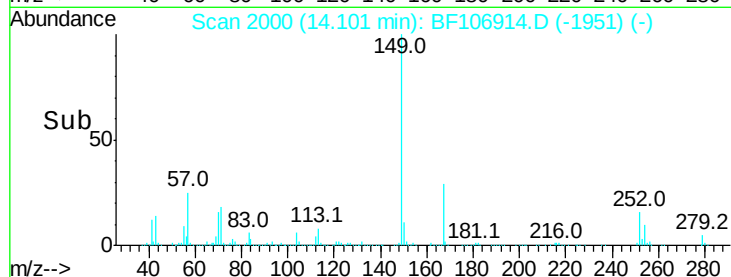
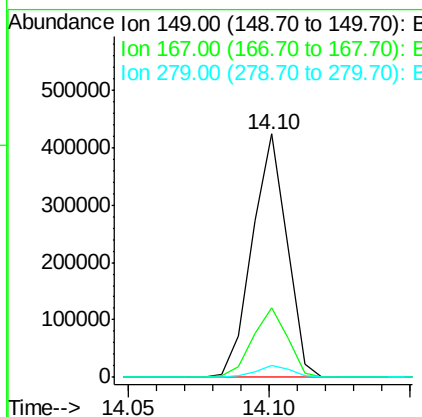
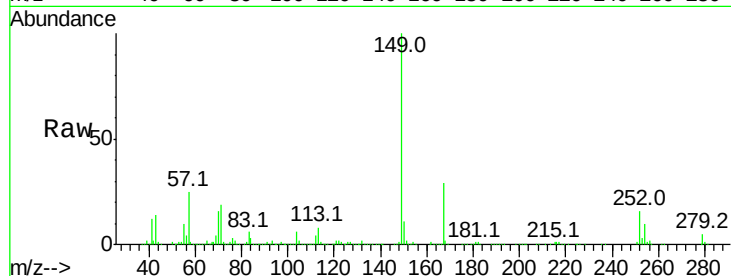
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.189 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	361938		
167	28.6	21.3	31.9	
279	4.9	3.0	4.4#	

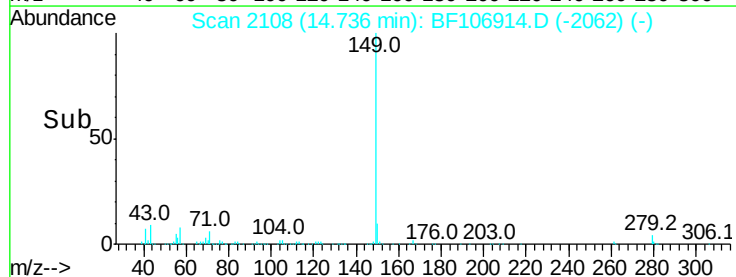
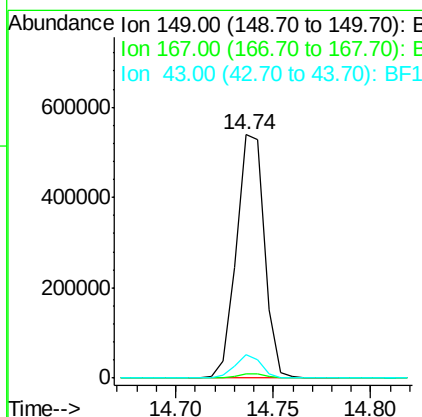
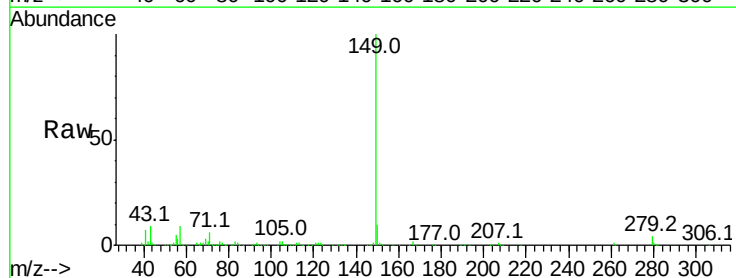
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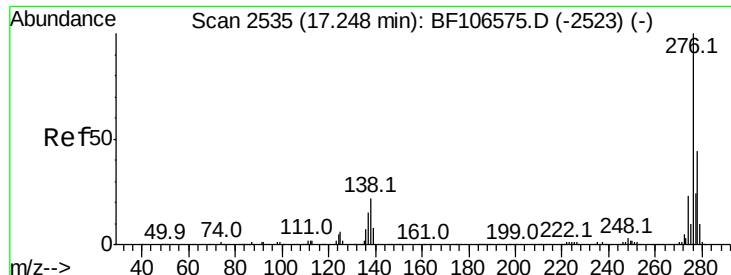
Sohil
 6/29/2018 2:30:32 PM



#84
 Di-n-octyl phthalate
 Concen: 35.601 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.03 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	535958		
167	1.7	1.2	1.8	
43	8.5	8.4	12.6	





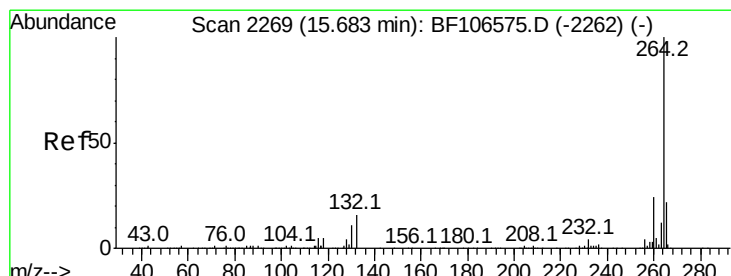
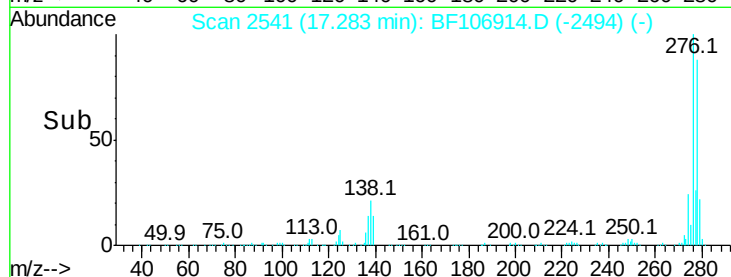
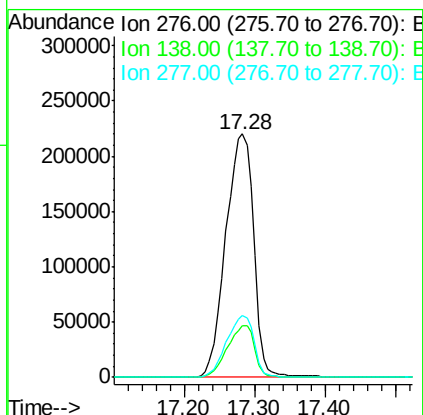
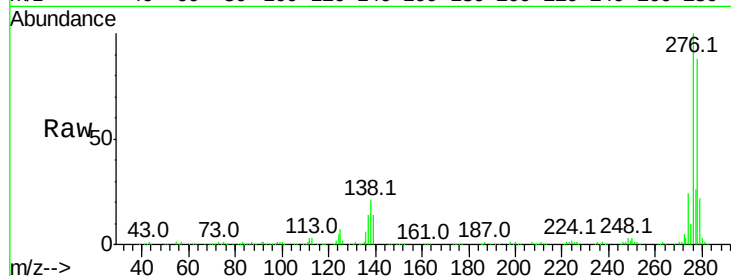
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.856 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	25.0	37.6#
277	25.0	20.1	30.1

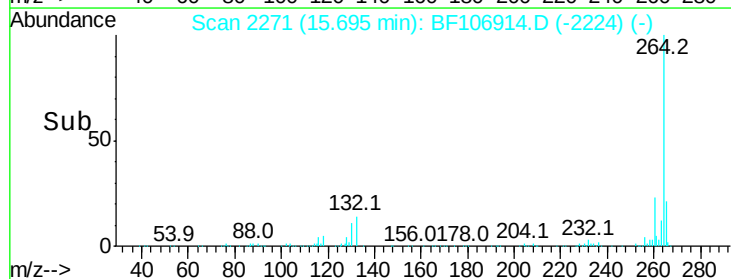
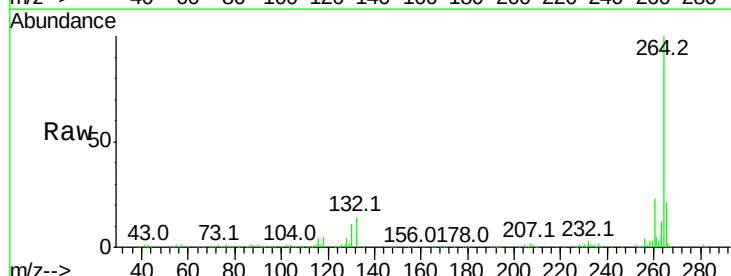
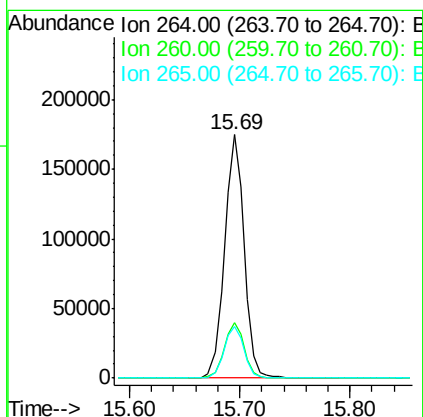
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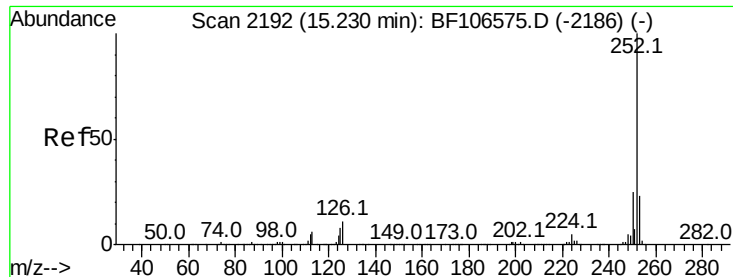
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	17.5	26.3





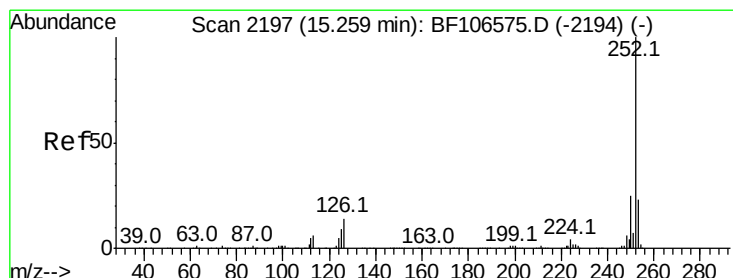
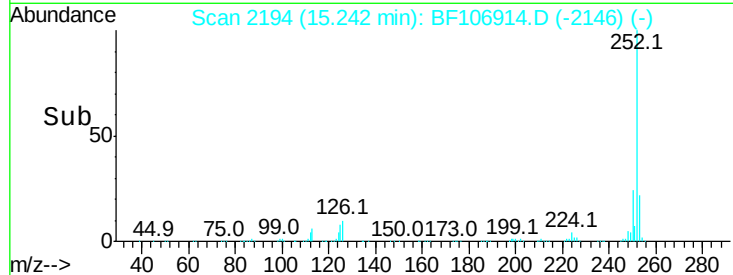
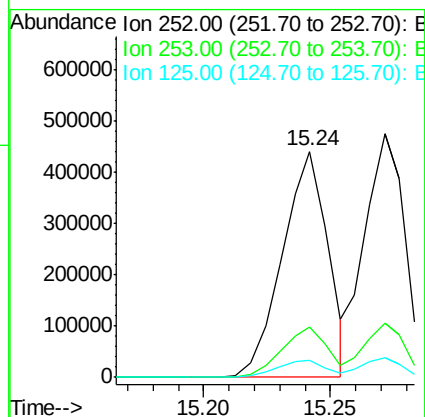
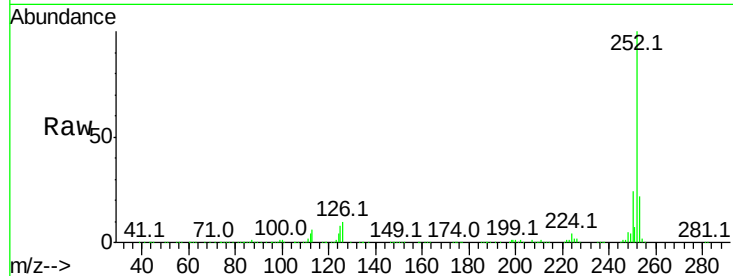
#87
Benzo(b)fluoranthene
Concen: 40.943 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
PB110625BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	7.7	9.0	13.6#

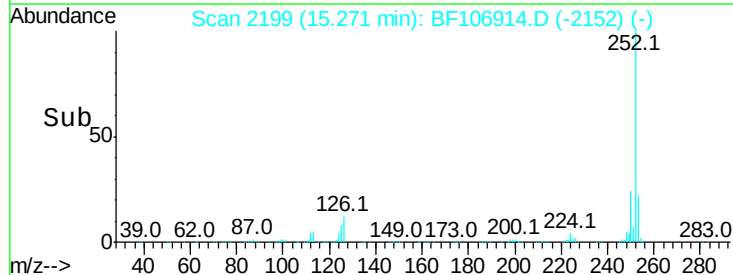
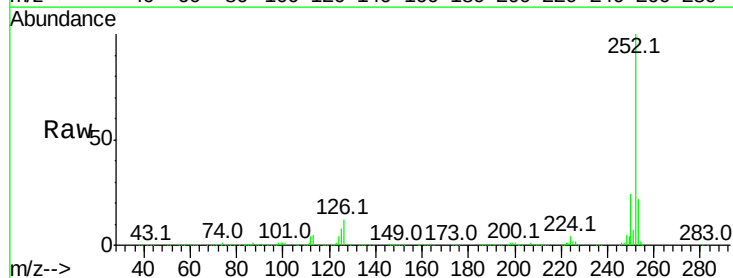
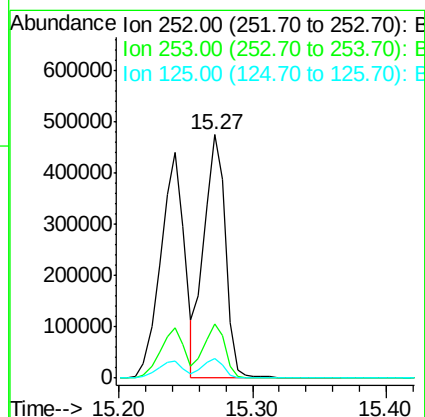
Manual Integrations
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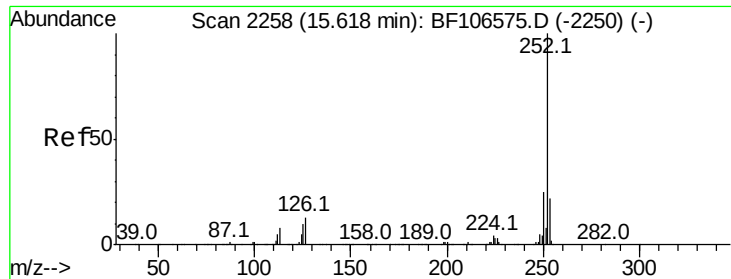
Sohil
6/29/2018 2:30:32 PM



#88
Benzo(k)fluoranthene
Concen: 41.393 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.1	10.2	15.2#





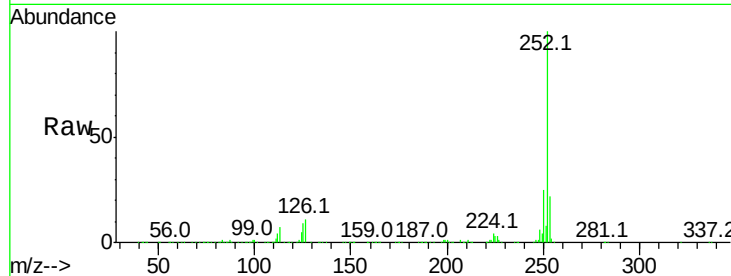
#89
Benzo(a)pyrene
Concen: 44.000 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleID :
PB110625BS

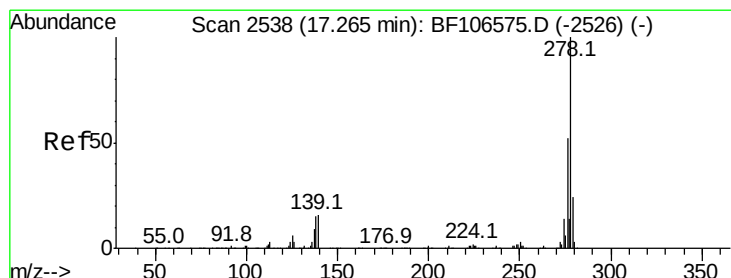
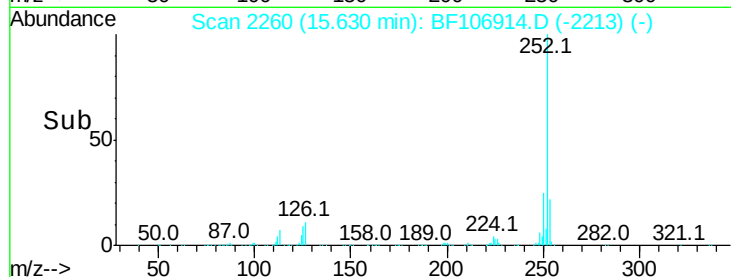
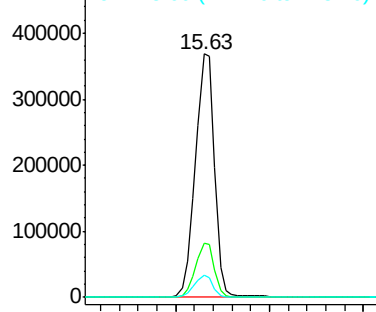
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.1	9.8	14.6

Manual Integrations
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6/29/2018 2:30:32 PM

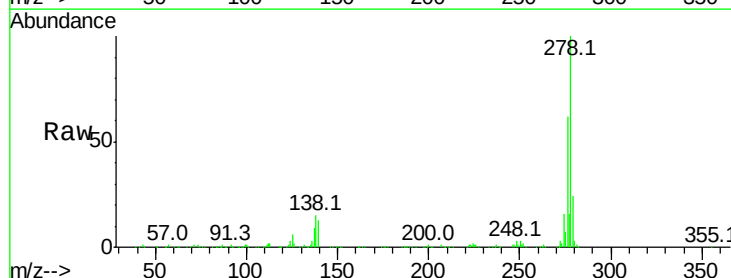


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

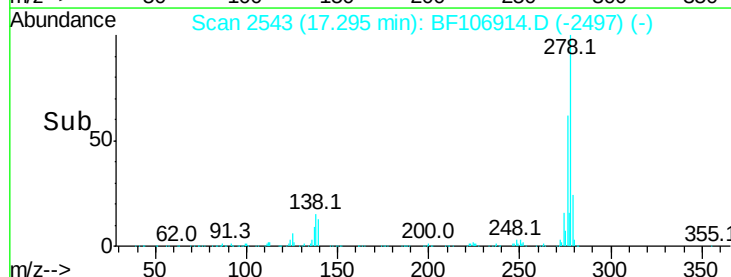
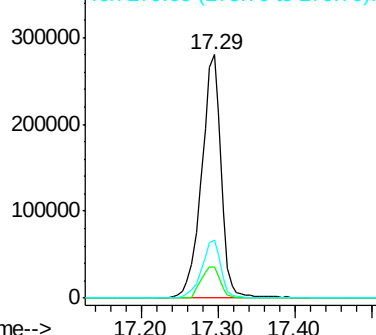


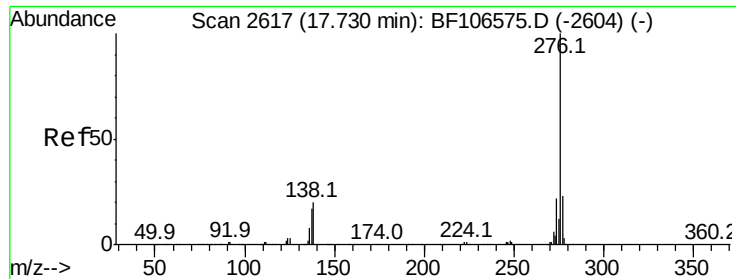
#90
Dibenzo(a,h)anthracene
Concen: 49.115 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF106914.D
Acq: 28 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.9	23.9
279	24.0	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 53.413 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. -0.02 min
 Lab File: BF106914.D
 Acq: 28 Jun 2018 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	16.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:30:32 PM

