

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103971.D
 Acq On : 27 Mar 2018 15:58
 Operator : JU/SJ
 Sample : PB107636BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Manual Integrations
 APPROVED

Sohil
 3/28/2018 4:54:06 PM

Quant Time: Mar 28 04:39:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132776	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	556091	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	270456	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	499696	20.00	ng	0.00
75) Chrysene-d12	14.16	240	396449	20.00	ng	0.00
86) Perylene-d12	15.70	264	366546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	959391	109.90	ng	0.02
7) Phenol-d6	6.61	99	1136198	106.39	ng	0.01
23) Nitrobenzene-d5	7.54	82	693964	87.03	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	326146	140.25	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1336265	78.81	ng	0.00
78) Terphenyl-d14	13.09	244	1341821	78.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	129211	30.060	ng	# 88
3) Pyridine	3.70	79	352587m	29.822	ng	
4) n-Nitrosodimethylamine	3.66	42	141994m	32.573	ng	
6) Aniline	6.65	93	256727	16.834	ng	96
8) 2-Chlorophenol	6.76	128	371288	40.601	ng	95
9) Benzaldehyde	6.53	77	80757	11.510	ng	93
10) Phenol	6.62	94	440197	38.788	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	346191	36.952	ng	95
12) 1,3-Dichlorobenzene	6.91	146	381716	36.649	ng	98
13) 1,4-Dichlorobenzene	6.99	146	384679	36.755	ng	99
14) 1,2-Dichlorobenzene	7.14	146	357464	36.807	ng	99
15) Benzyl Alcohol	7.12	79	300039	36.259	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	419446	31.478	ng	80
17) 2-Methylphenol	7.22	107	307996	37.821	ng	97
18) Hexachloroethane	7.48	117	139083	37.779	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	233291	34.085	ng	92
20) 3+4-Methylphenols	7.37	107	367418	35.551	ng	# 73
22) Acetophenone	7.38	105	472646	33.071	ng	# 98
24) Nitrobenzene	7.56	77	368274	39.338	ng	93
25) Isophorone	7.79	82	691800	37.476	ng	99
26) 2-Nitrophenol	7.87	139	204764	55.621	ng	93
27) 2,4-Dimethylphenol	7.90	122	344469	43.558	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	445921	39.892	ng	100
29) 2,4-Dichlorophenol	8.11	162	313687	43.599	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	314853	37.730	ng	99
31) Naphthalene	8.27	128	1048503	37.325	ng	100
32) Benzoic acid	8.04	122	234312	43.231	ng	94
33) 4-Chloroaniline	8.33	127	146489	12.430	ng	96
34) Hexachlorobutadiene	8.38	225	169802	37.113	ng	97
35) Caprolactam	8.70	113	102948m	41.554	ng	
36) 4-Chloro-3-methylphenol	8.81	107	340354	42.911	ng	99
37) 2-Methylnaphthalene	8.97	142	702706	39.447	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	296621	38.443	ng	98
40) Hexachlorocyclopentadiene	9.12	237	312405	78.467	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	219630	44.502	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	240442	43.165	ng	96
45) 1,1'-Biphenyl	9.43	154	830842	36.841	ng	100
46) 2-Chloronaphthalene	9.46	162	669228	37.361	ng	99
47) 2-Nitroaniline	9.56	65	201647	43.738	ng	97
48) Acenaphthylene	9.87	152	1006661	36.242	ng	99
49) Dimethylphthalate	9.73	163	795184	38.537	ng	99
50) 2,6-Dinitrotoluene	9.80	165	182660	45.947	ng	# 87
51) Acenaphthene	10.05	154	589656	35.752	ng	99
52) 3-Nitroaniline	9.97	138	112322	25.428	ng	92
53) 2,4-Dinitrophenol	10.08	184	176479	110.513	ng	# 18
54) Dibenzofuran	10.22	168	907261	38.516	ng	100
55) 4-Nitrophenol	10.15	139	304601	80.590	ng	95
56) 2,4-Dinitrotoluene	10.20	165	237415	47.084	ng	# 93
57) Fluorene	10.56	166	717806	39.271	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	194857	49.368	ng	91
59) Diethylphthalate	10.43	149	790565	38.602	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	335050	40.109	ng	97
61) 4-Nitroaniline	10.60	138	193688	42.531	ng	90
62) Azobenzene	10.71	77	720119	34.585	ng	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	115040	57.277	ng	79
65) n-Nitrosodiphenylamine	10.67	169	642254	37.760	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	207151	40.376	ng	# 89
67) Hexachlorobenzene	11.11	284	227307	38.818	ng	93
68) Atrazine	11.20	200	210037	39.919	ng	99
69) Pentachlorophenol	11.31	266	246356	73.178	ng	96
70) Phenanthrene	11.53	178	1025464	37.515	ng	99
71) Anthracene	11.59	178	1065556	38.381	ng	99
72) Carbazole	11.74	167	979805	36.311	ng	100
73) Di-n-butylphthalate	12.05	149	1215442	37.540	ng	100
74) Fluoranthene	12.73	202	1074171	38.144	ng	97
76) Benzidine	12.84	184	225208	13.319	ng	97
77) Pyrene	12.96	202	1082921	37.195	ng	100
79) Butylbenzylphthalate	13.56	149	517208	40.095	ng	98
80) Benzo(a)anthracene	14.15	228	974905	38.848	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	188460	22.451	ng	98
82) Chrysene	14.19	228	913229	38.175	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	681980	37.008	ng	99
84) Di-n-octyl phthalate	14.74	149	1187734	44.303	ng	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	807877	38.671	ng	96
87) Benzo(b)fluoranthene	15.25	252	904310	39.050	ng	99
88) Benzo(k)fluoranthene	15.28	252	846518	38.028	ng	99
89) Benzo(a)pyrene	15.64	252	822942	39.180	ng	99
90) Dibenzo(a,h)anthracene	17.31	278	663716	36.493	ng	98
91) Benzo(g,h,i)perylene	17.78	276	658722	37.230	ng	96

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

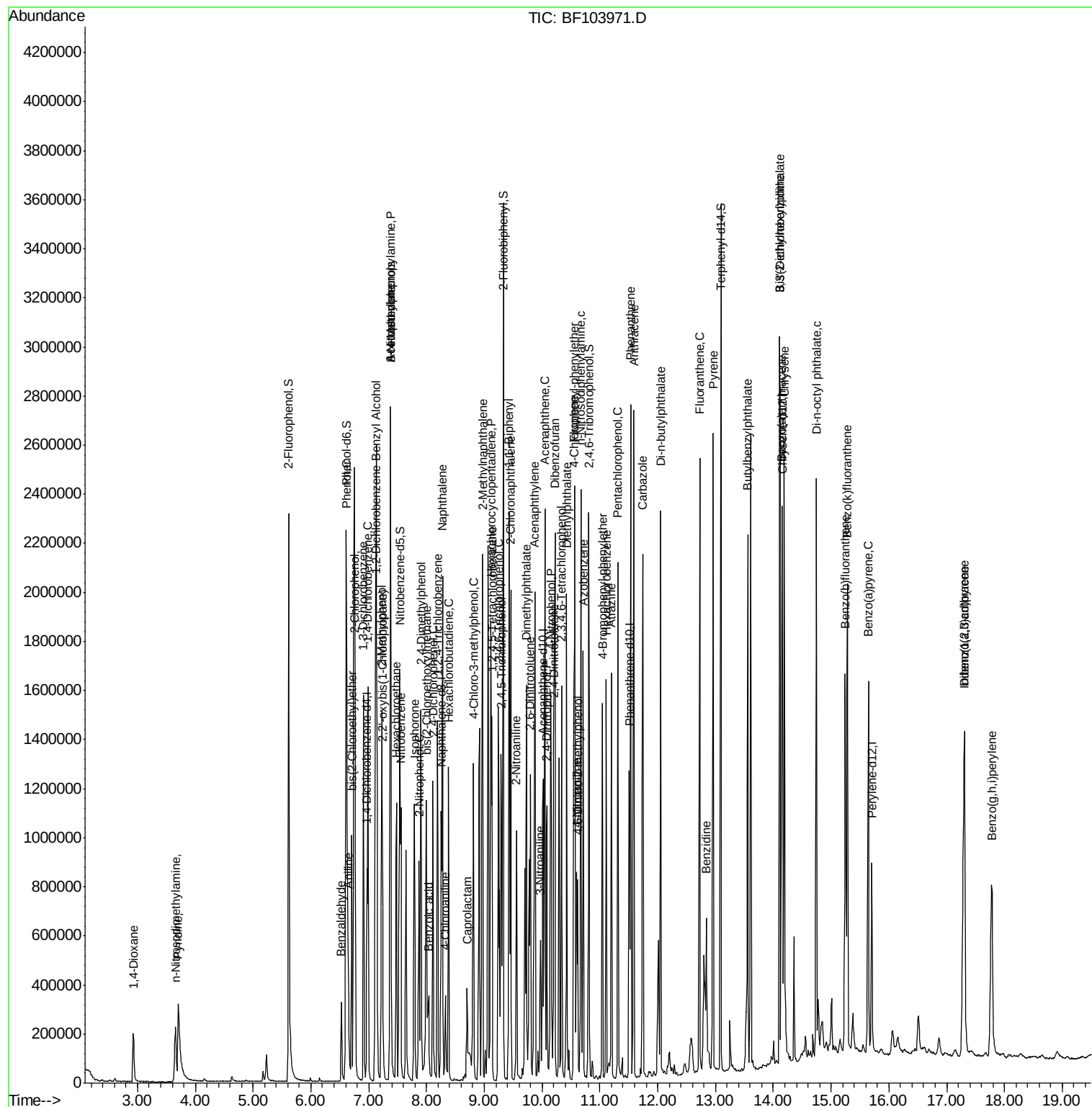
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
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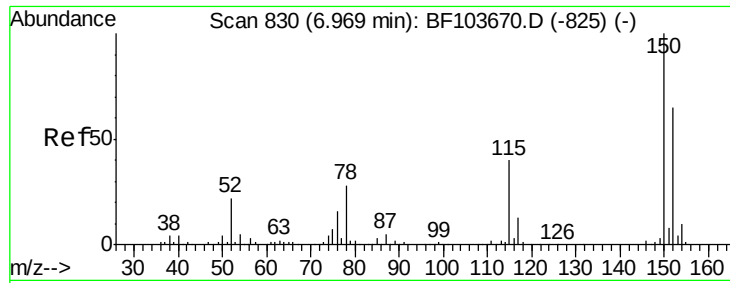
Instrument :
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#1

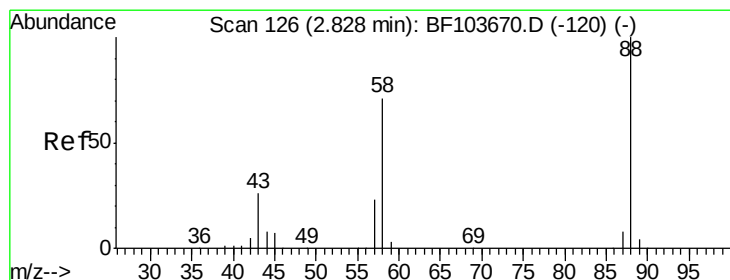
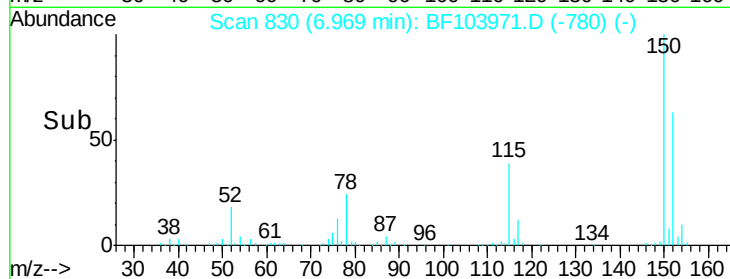
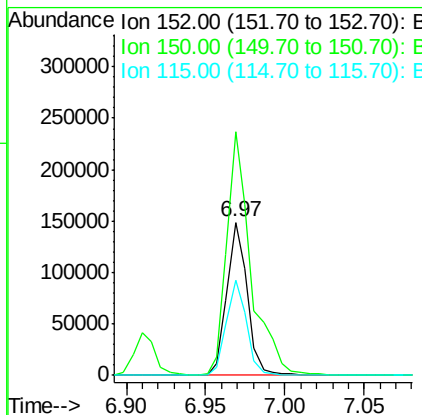
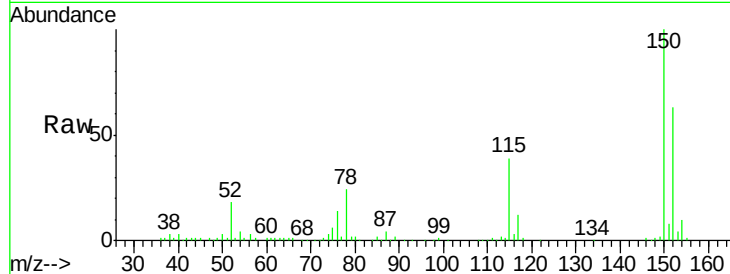
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	62.2	50.1	75.1

Manual Integrations
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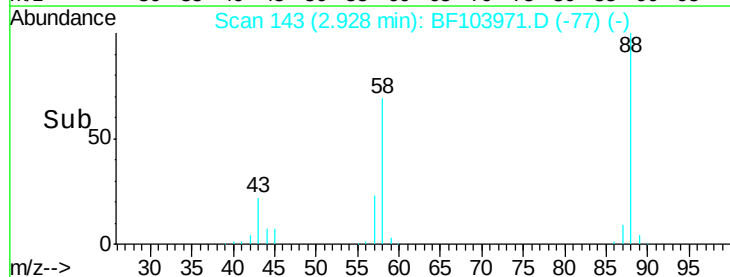
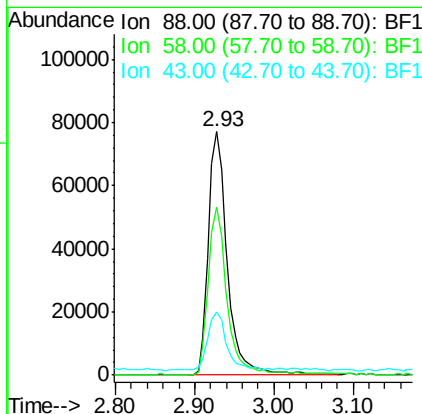
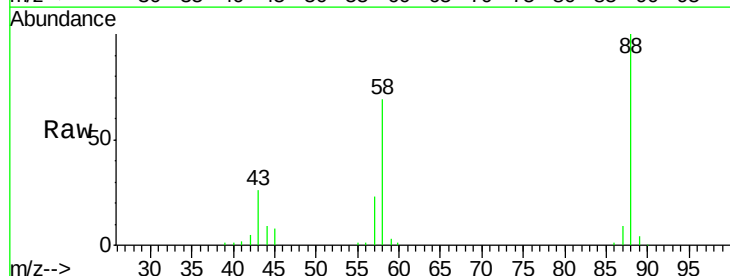
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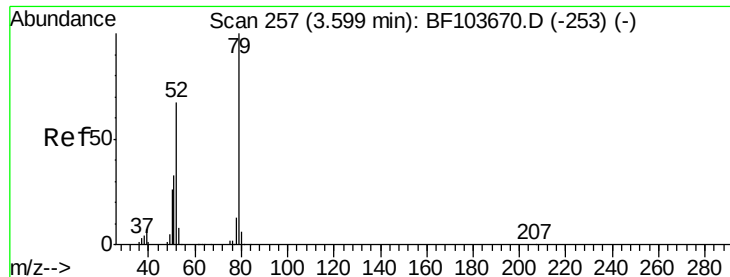


#2

1,4-Dioxane
Concen: 30.060 ng
RT: 2.93 min Scan# 143
Delta R.T. 0.09 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	62.6	93.8
43	23.4	24.6	37.0





#3

Pvridine

Concen: 29.822 ng m

RT: 3.70 min Scan# 275

Delta R.T. 0.09 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

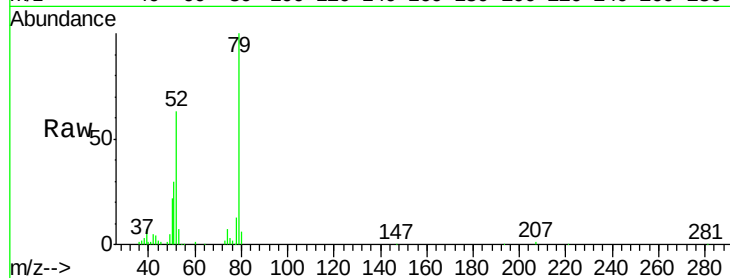
ClientSampleId :

PB107636BS

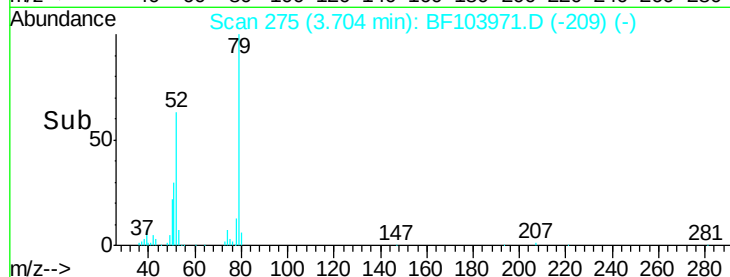
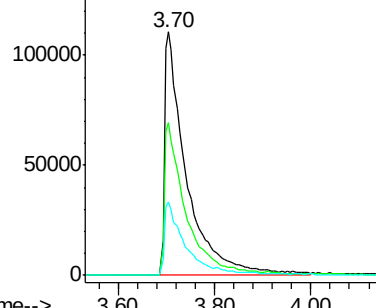
Tot Ion:	79	Resp:	352587
Ion Ratio	Lower	Upper	
79	100		
52	62.8	59.8	89.6
51	30.4	29.8	44.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.573 ng m

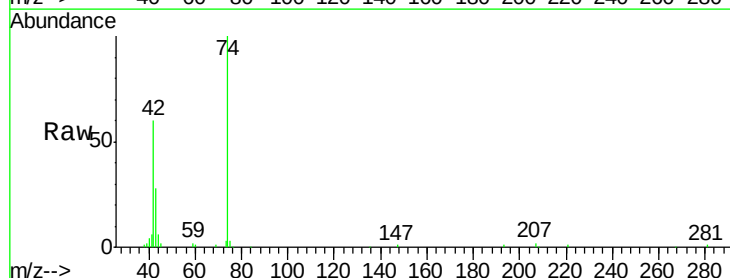
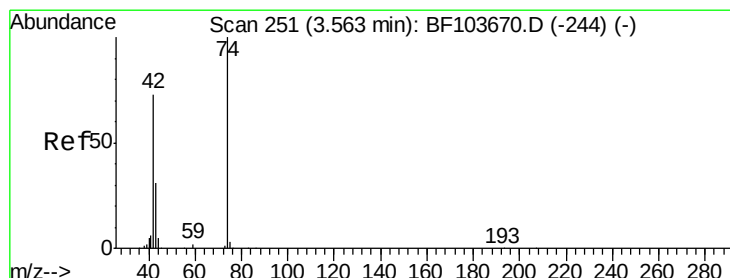
RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

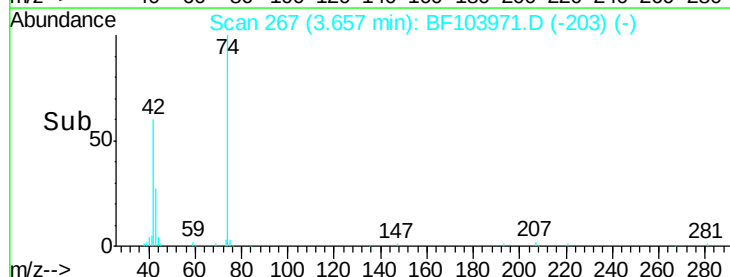
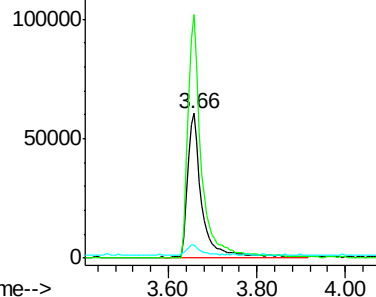
Lab File: BF103971.D

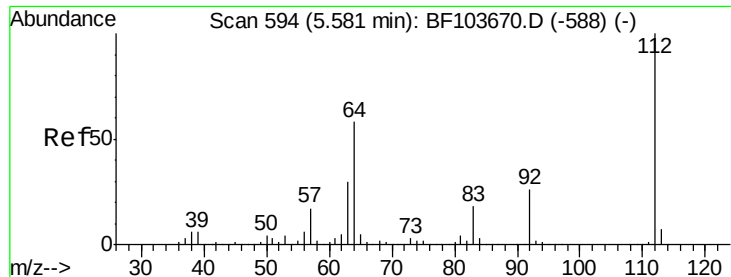
Acq: 27 Mar 2018 15:58

Tgt Ion:	42	Resp:	141994
Ion Ratio	Lower	Upper	
42	100		
74	167.9	104.9	157.3#
44	9.5	6.9	10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.901 ng

RT: 5.62 min Scan# 600

Delta R.T. 0.02 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

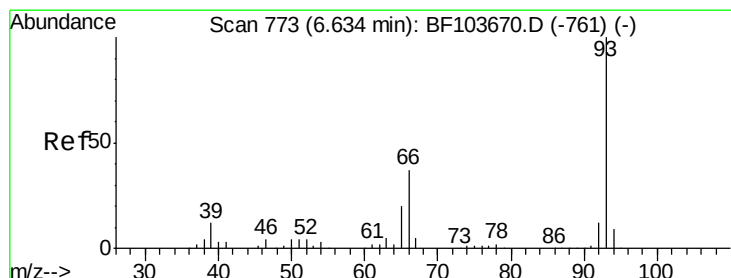
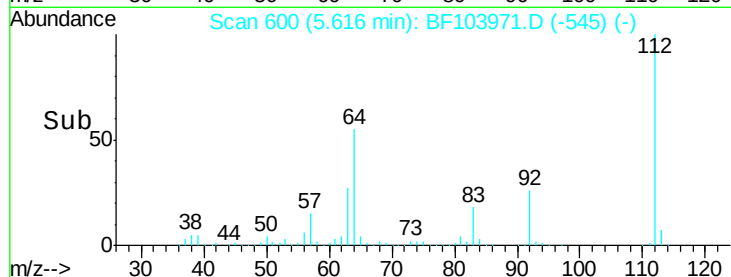
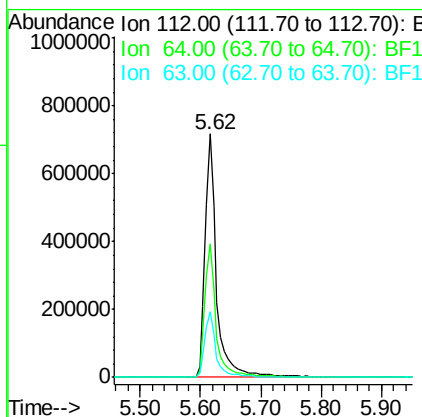
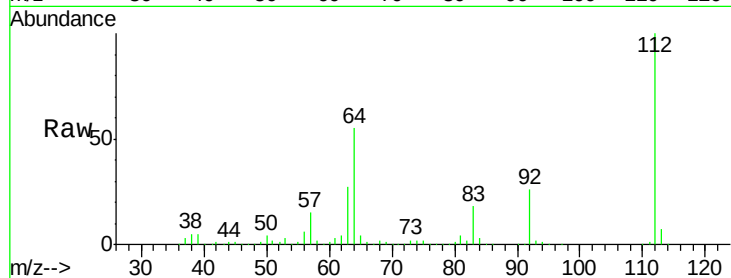
ClientSampleId :

PB107636BS

Tot Ion:	112	Resp:	959391
Ion Ratio	Lower	Upper	
112	100		
64	54.6	47.9	71.9
63	26.8	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 16.834 ng

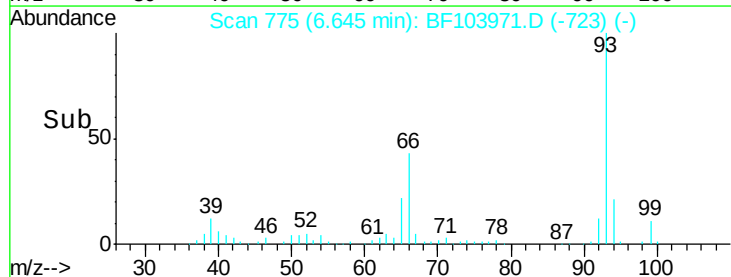
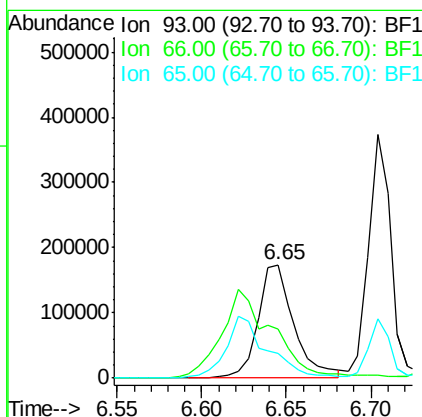
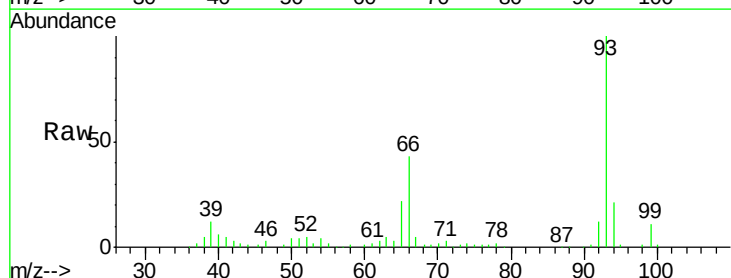
RT: 6.65 min Scan# 775

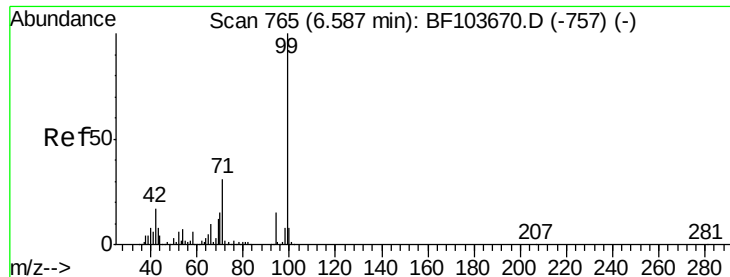
Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	93	Resp:	256727
Ion Ratio	Lower	Upper	
93	100		
66	42.8	32.2	48.2
65	21.6	16.4	24.6





#7

Phenol-d6

Concen: 106.386 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampled :

PB107636BS

Tot Ion: 99 Resp: 1136198

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

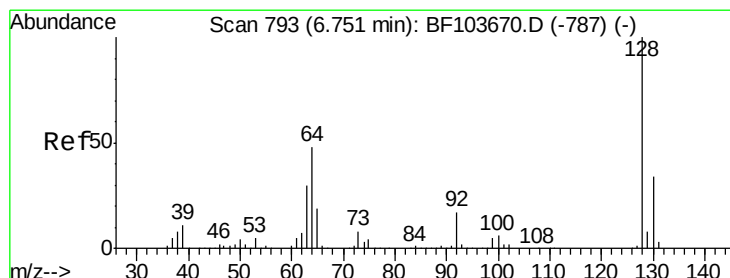
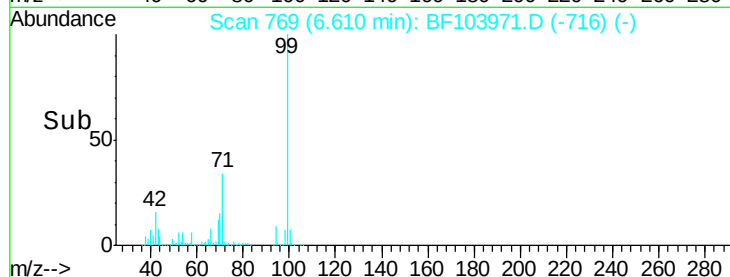
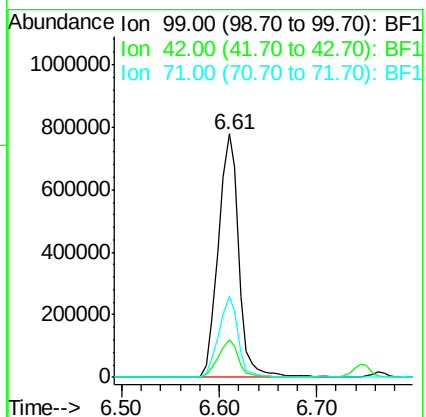
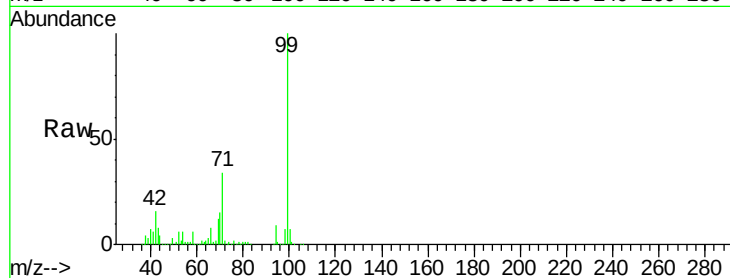
71 33.5 25.4 38.0

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#8

2-Chlorophenol

Concen: 40.601 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

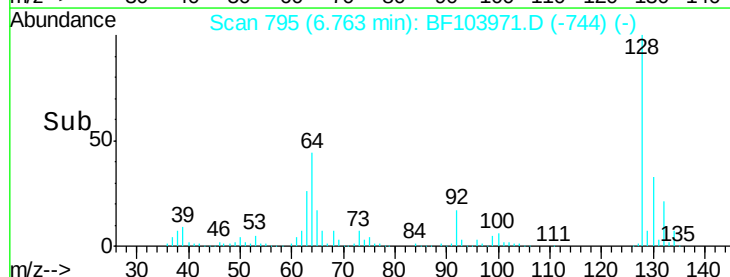
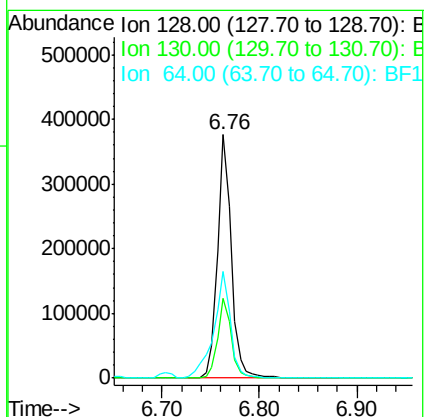
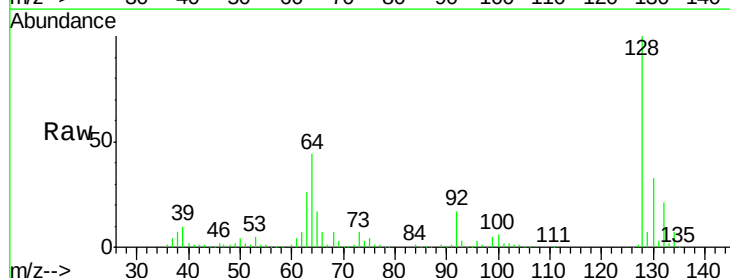
Tgt Ion: 128 Resp: 371288

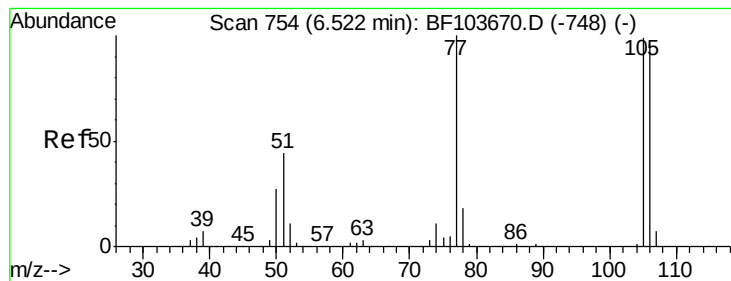
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 44.1 29.4 69.4





#9

Benzaldehyde

Concen: 11.510 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

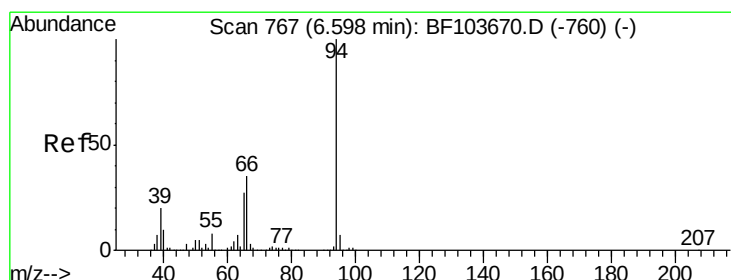
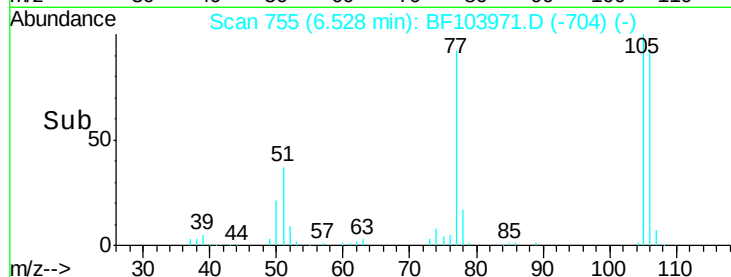
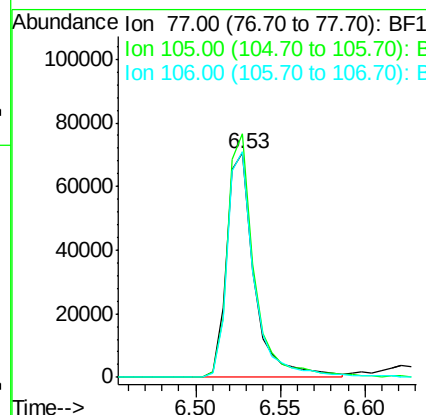
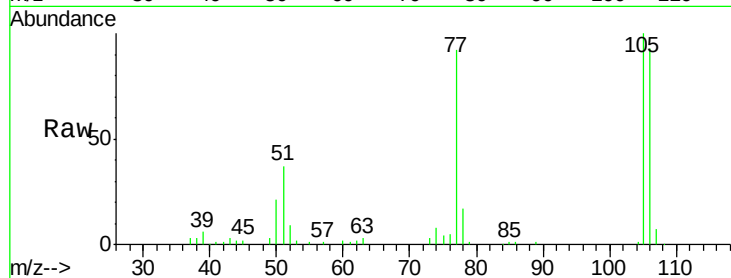
ClientSampled :

PB107636BS

Tot Ion:	77	Resp:	80757
Ion	Ratio	Lower	Upper
77	100		
105	108.6	81.1	121.1
106	100.5	74.5	114.5

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#10

Phenol

Concen: 38.788 ng

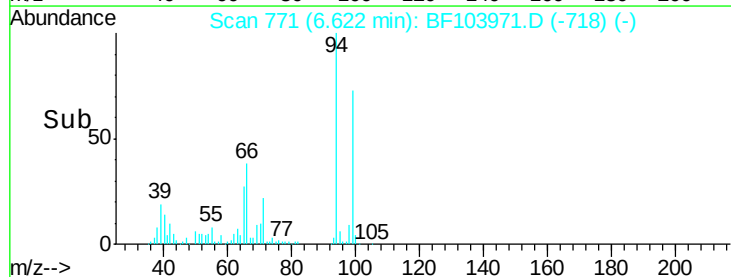
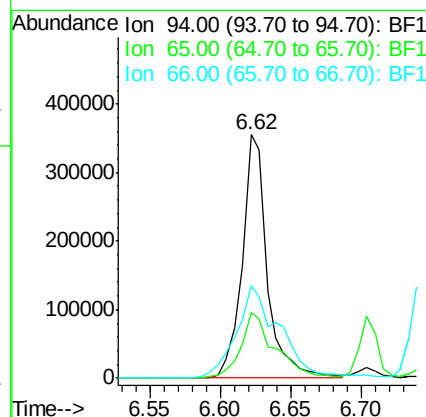
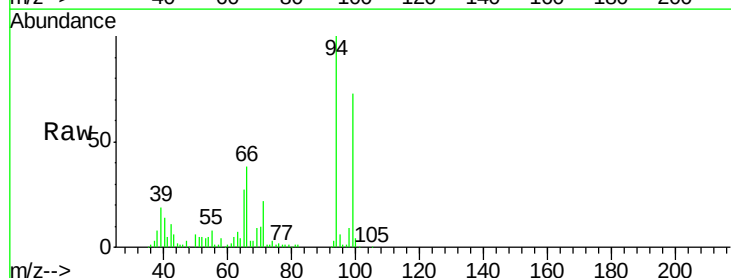
RT: 6.62 min Scan# 771

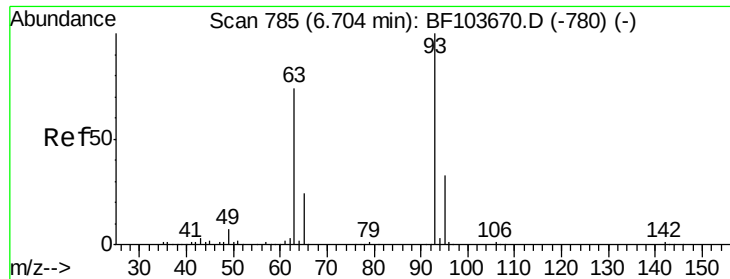
Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	94	Resp:	440197
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.9	47.9
66	38.1	16.2	56.2





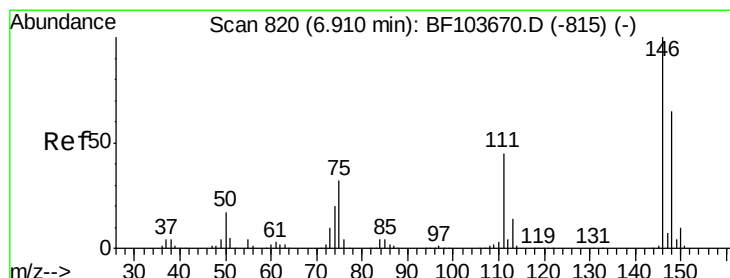
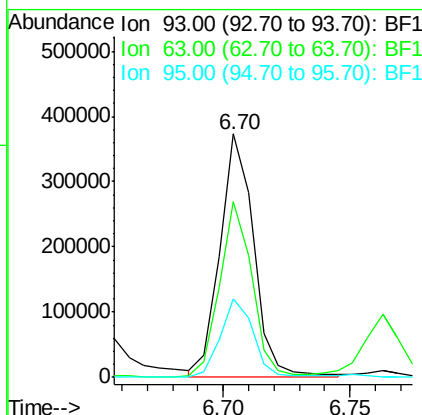
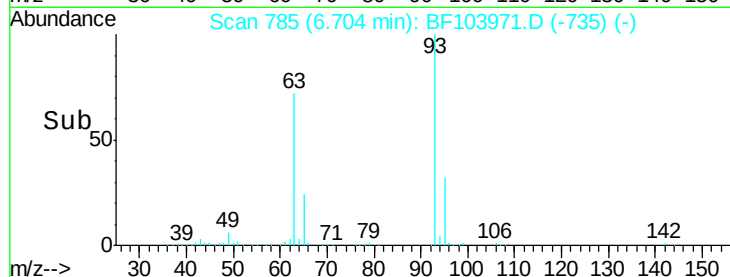
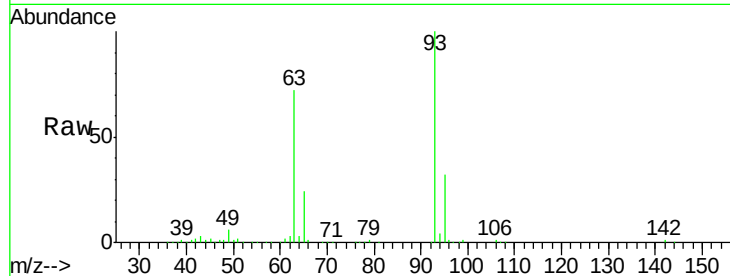
#11
bis(2-Chloroethyl)ether
Concen: 36.952 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		346191		
63	72.2	58.6	98.6		
95	32.1	11.8	51.8		

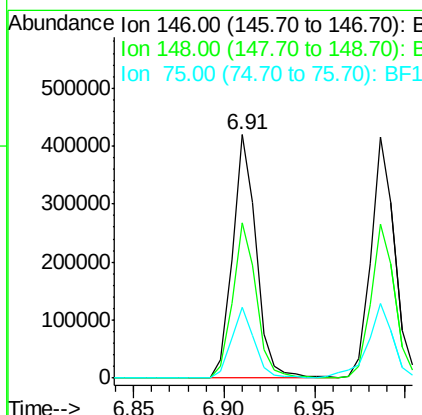
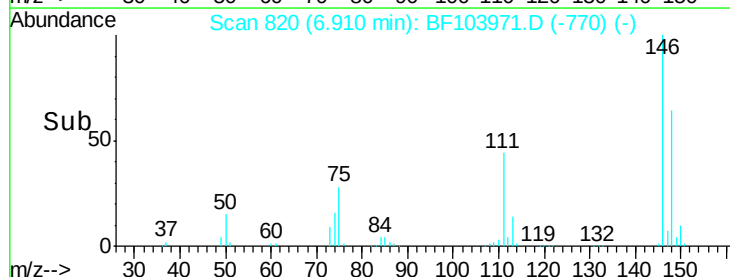
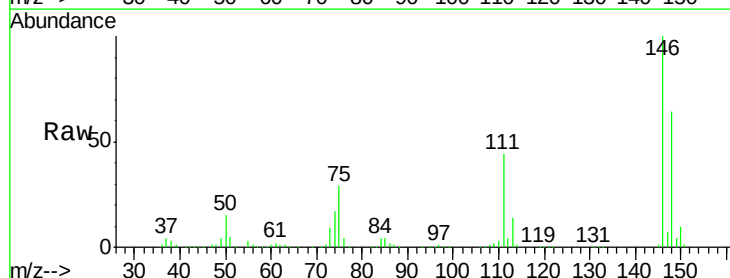
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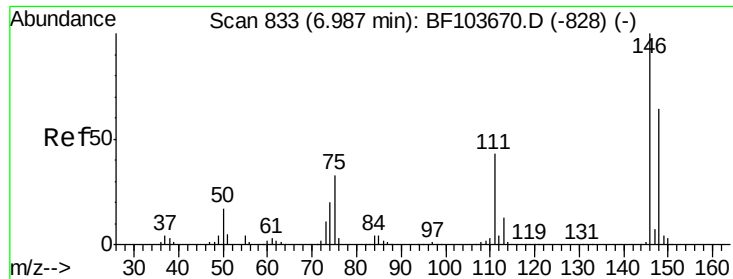
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#12
1,3-Dichlorobenzene
Concen: 36.649 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		381716		
148	63.5	51.8	77.8		
75	29.1	24.2	36.4		





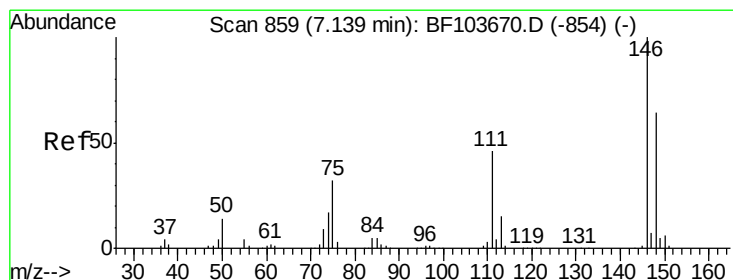
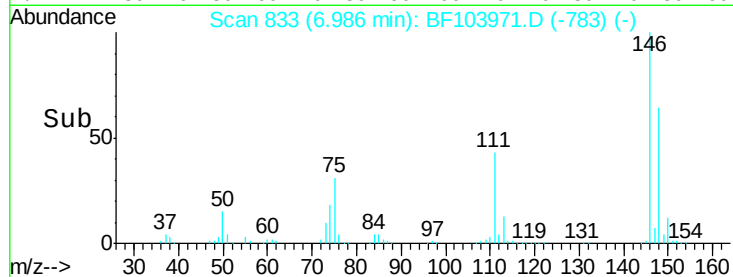
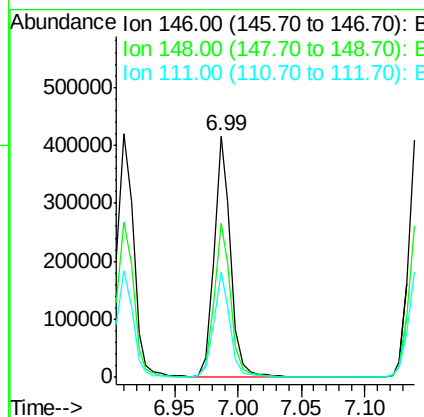
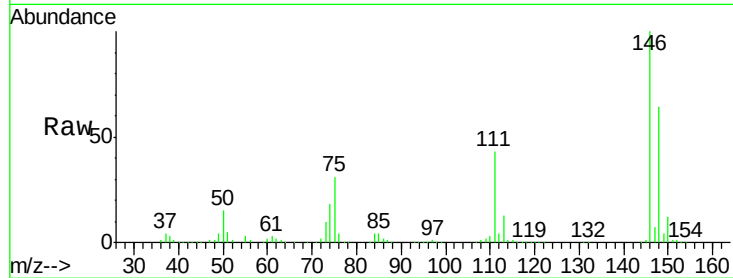
#13
 1,4-Dichlorobenzene
 Concen: 36.755 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleID :
 PB107636BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	43.5	34.2	51.2

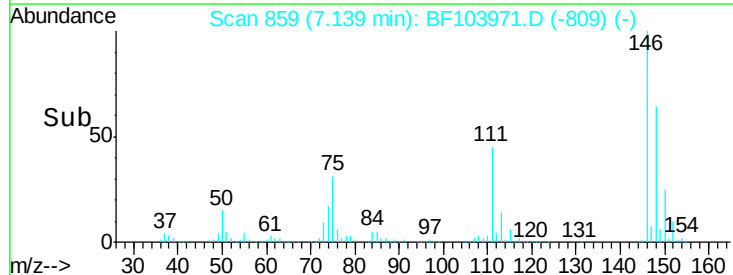
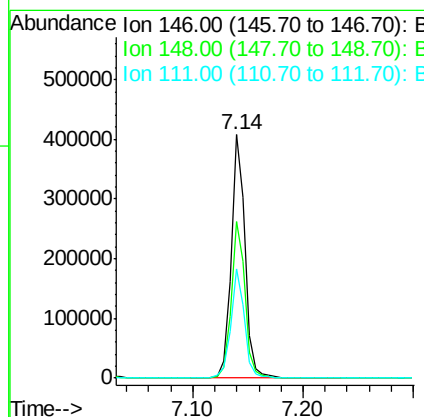
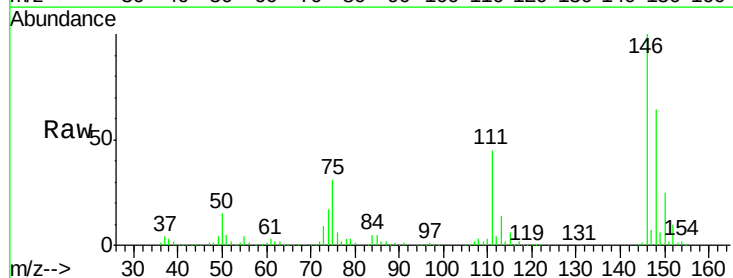
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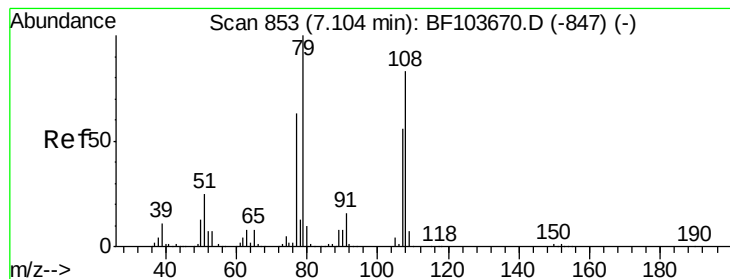
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#14
 1,2-Dichlorobenzene
 Concen: 36.807 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	44.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.259 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

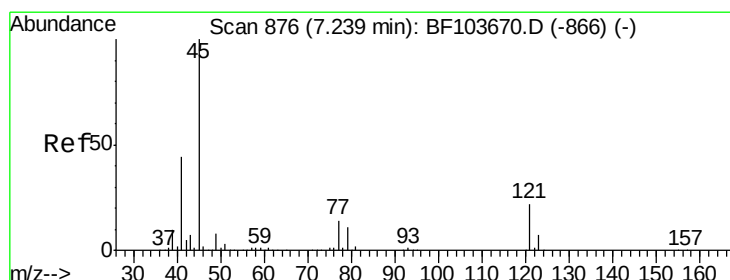
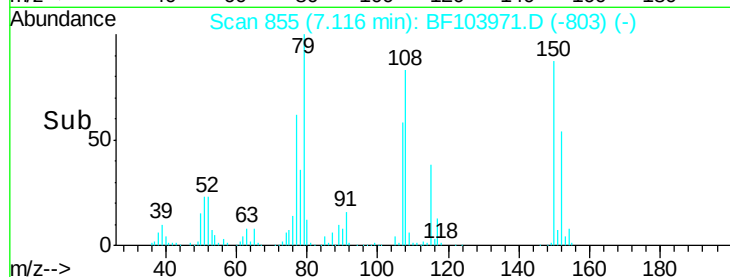
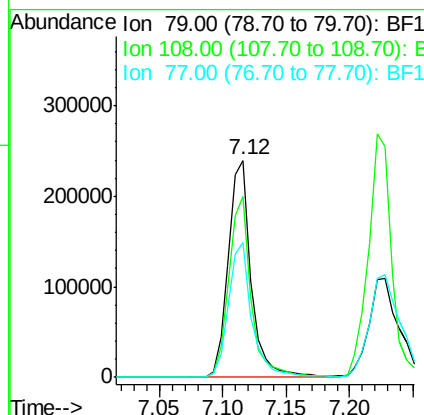
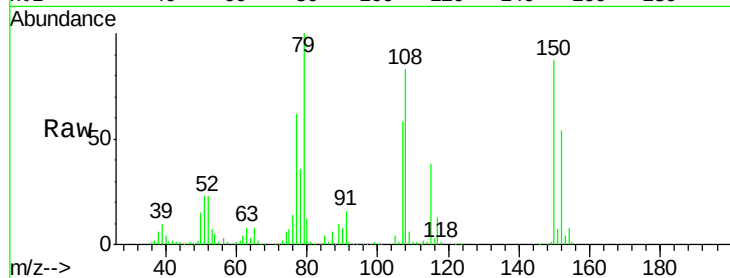
ClientSampled :

PB107636BS

Tot Ion:	79	Resp:	300039
Ion	Ratio	Lower	Upper
79	100		
108	83.5	65.1	97.7
77	62.1	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.478 ng

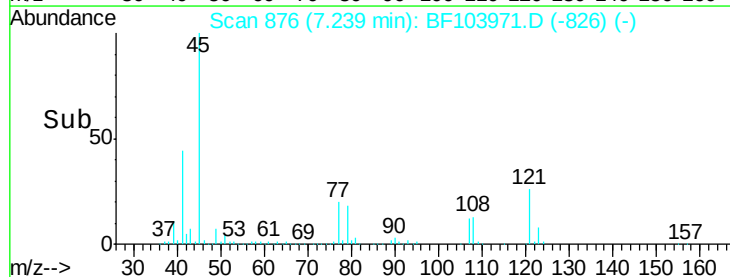
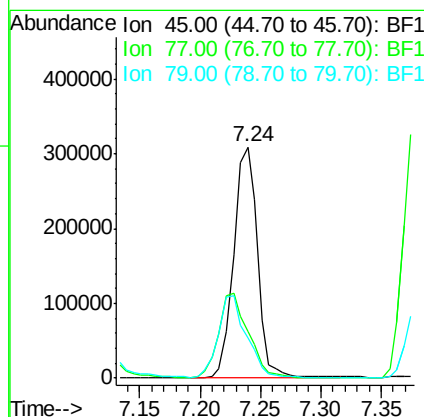
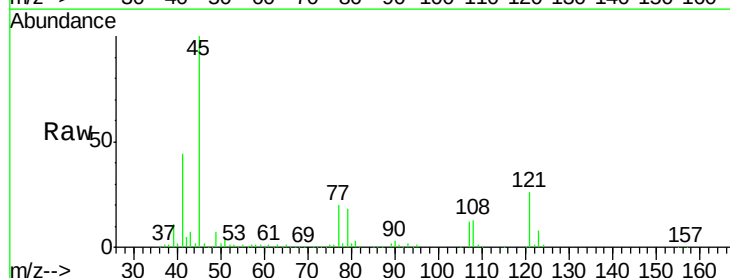
RT: 7.24 min Scan# 876

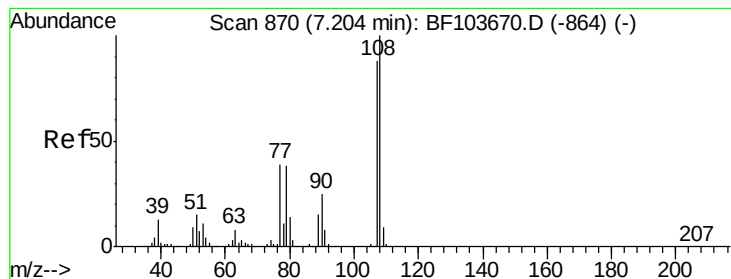
Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	45	Resp:	419446
Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	32.9
79	17.6	0.0	29.6





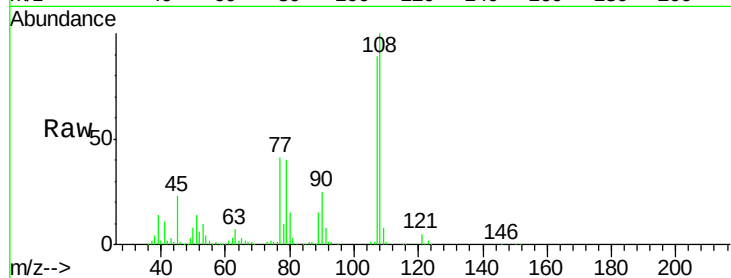
#17
2-Methylphenol
Concen: 37.821 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	91.7	137.5	
77	46.0	33.8	50.8	
79	45.2	33.8	50.8	

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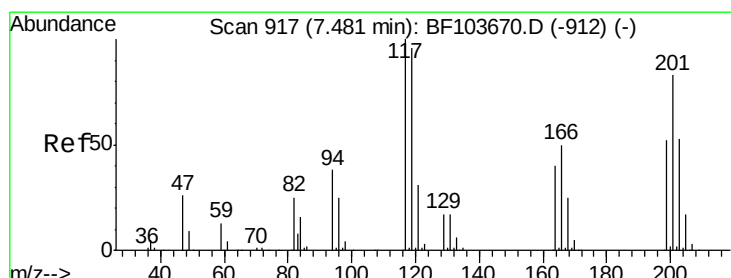
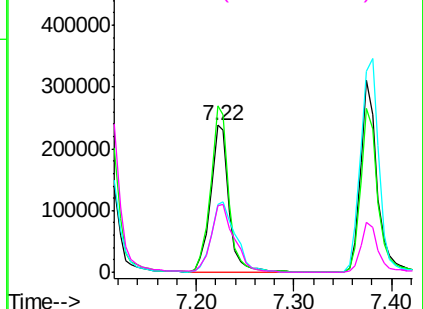
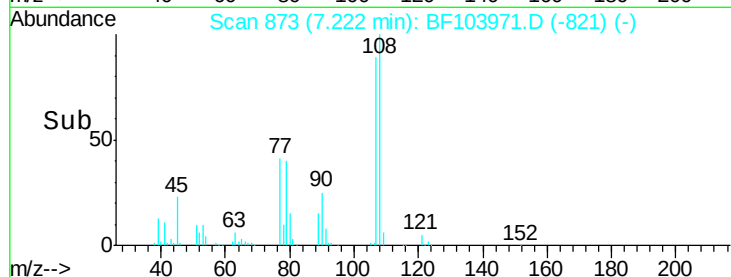
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

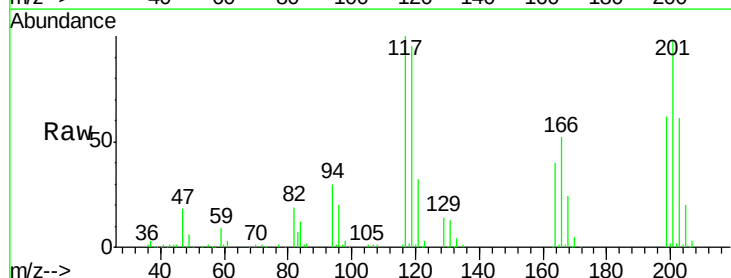
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.779 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.8	113.8	
201	97.8	75.7	113.5	

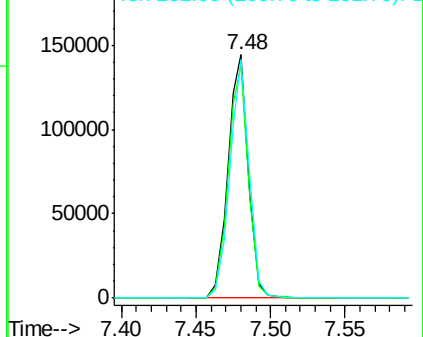
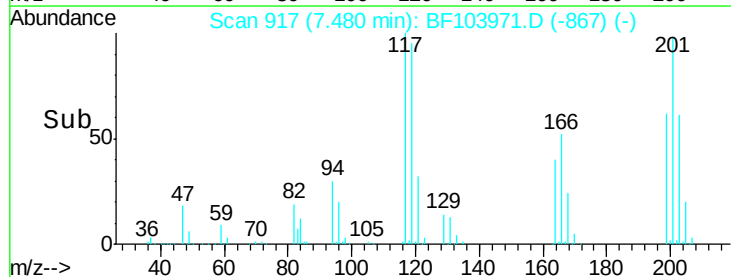


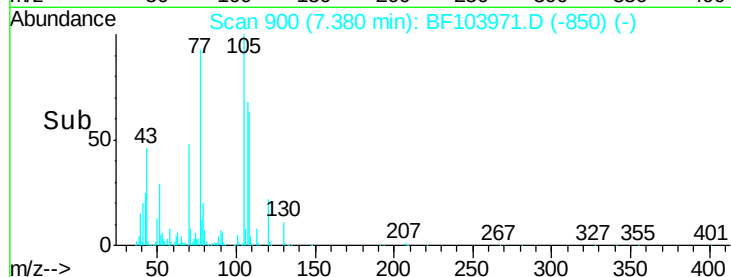
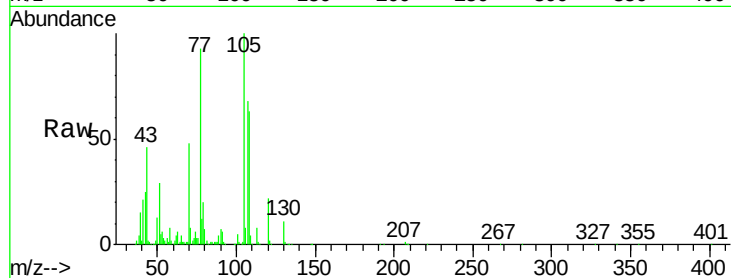
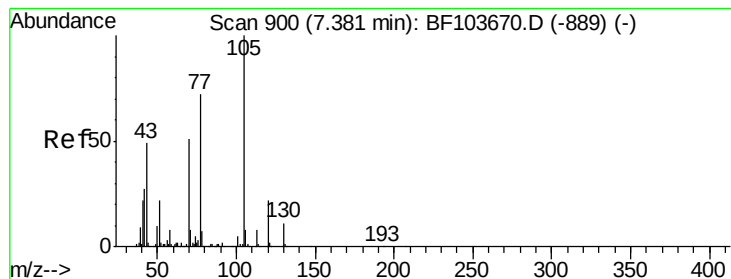
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.085 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampled :

PB107636BS

Tot Ion: 70 Resp: 233291

Ion Ratio Lower Upper

70 100

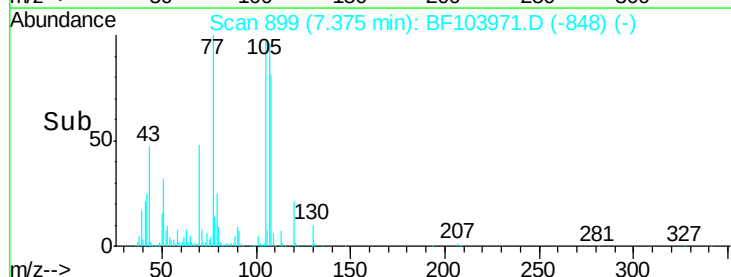
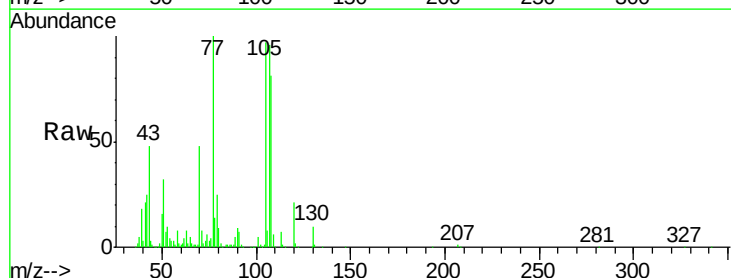
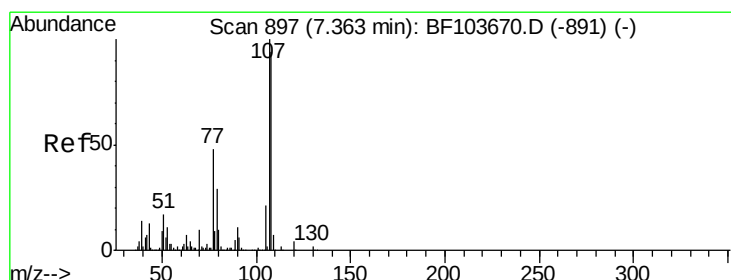
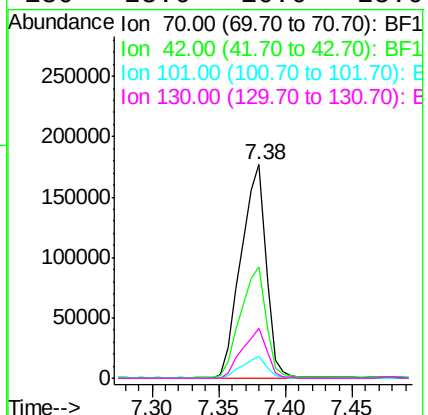
42 52.0 47.5 71.3

101 10.4 7.4 11.2

130 23.6 16.6 25.0

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#20

3+4-Methylphenols

Concen: 35.551 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion: 107 Resp: 367418

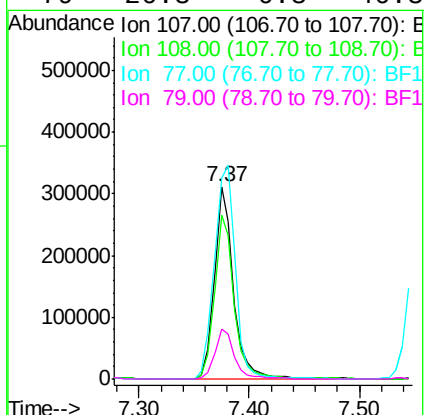
Ion Ratio Lower Upper

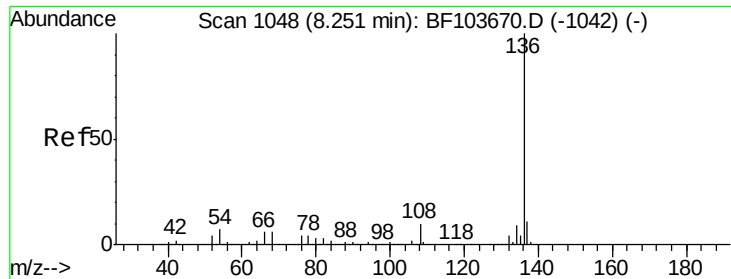
107 100

108 85.2 68.2 108.2

77 104.6 26.7 66.7#

79 26.3 6.3 46.3





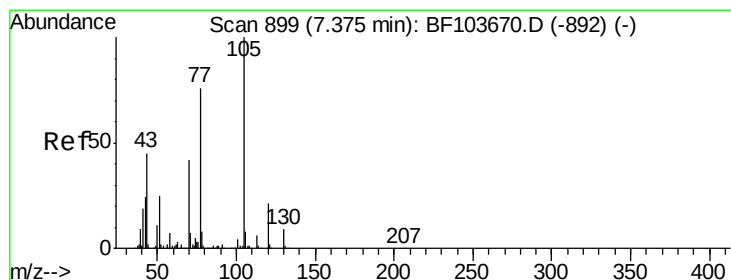
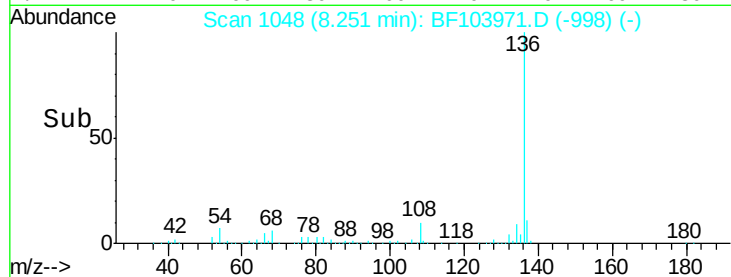
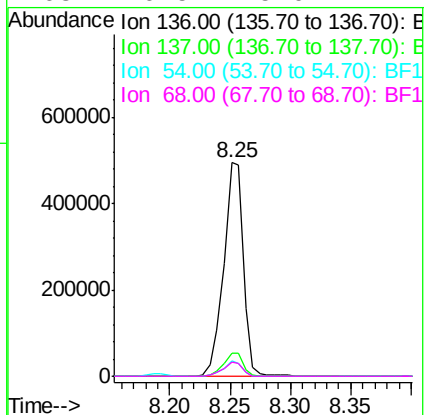
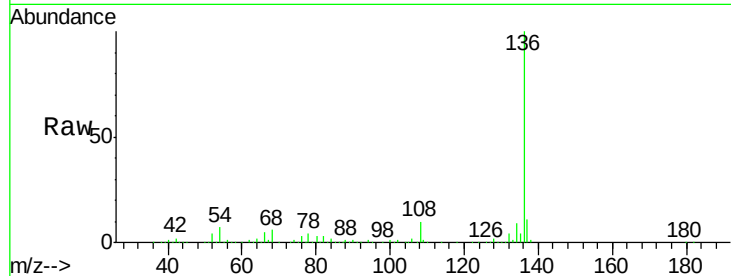
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1		8.9	13.3	
54	7.1		6.6	9.8	
68	6.5		5.0	7.4	

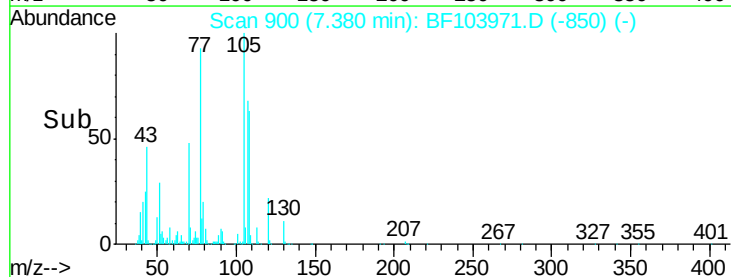
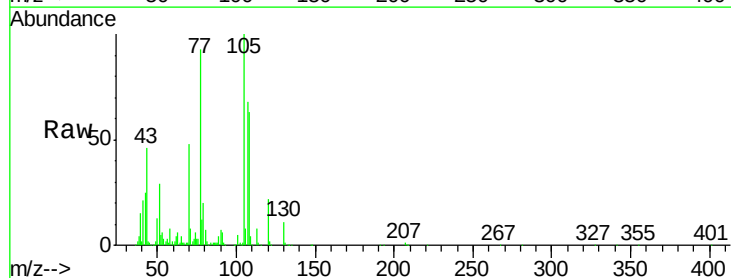
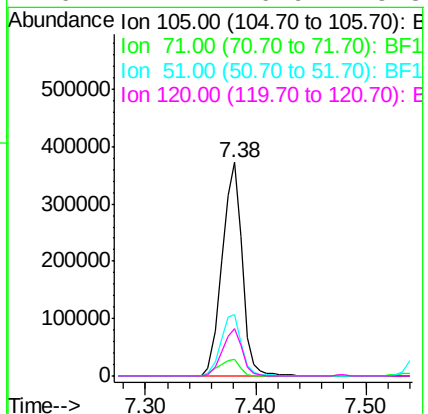
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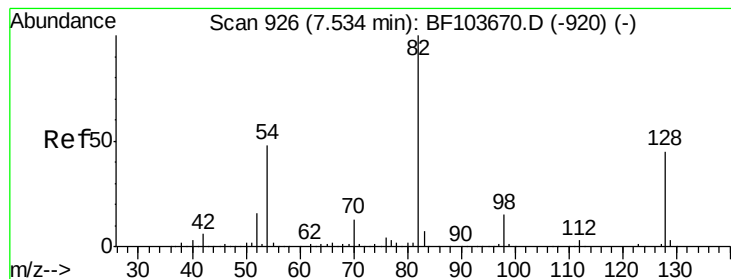
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#22
Acetophenone
Concen: 33.071 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.1		4.4	6.6#	
51	28.7		22.3	33.5	
120	22.1		16.9	25.3	





#23

Nitrobenzene-d5

Concen: 87.026 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

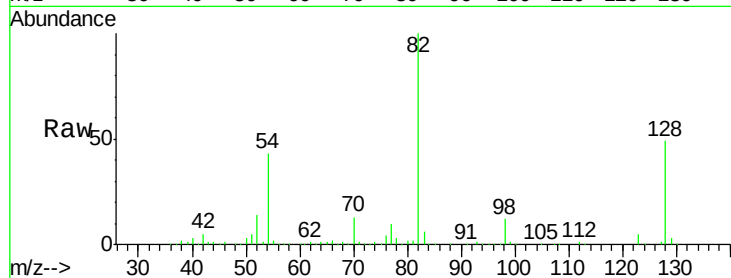
ClientSampled :

PB107636BS

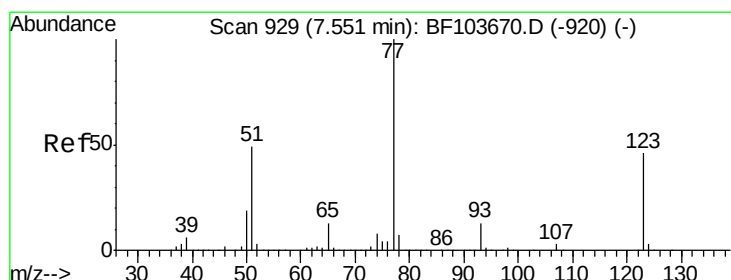
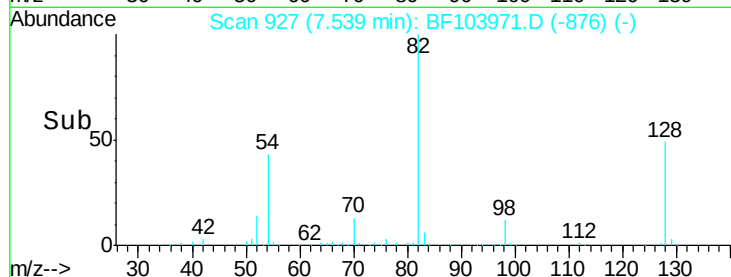
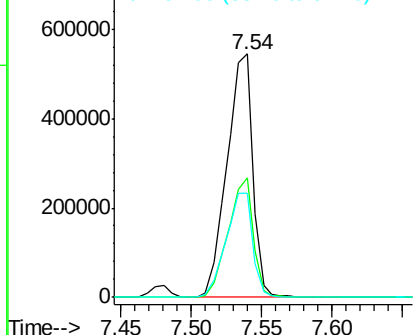
Tot Ion:	82	Resp:	693964
Ion Ratio	Lower	Upper	
82	100		
128	49.1	36.1	54.1
54	43.0	41.4	62.2

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



#24

Nitrobenzene

Concen: 39.338 ng

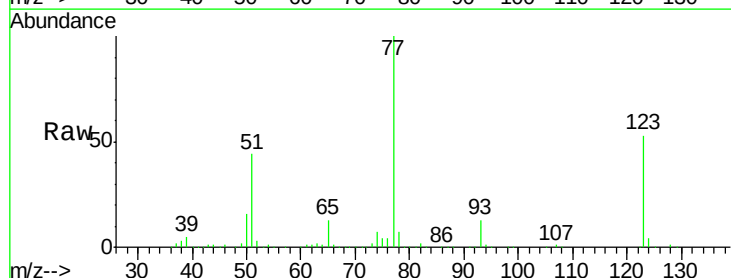
RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

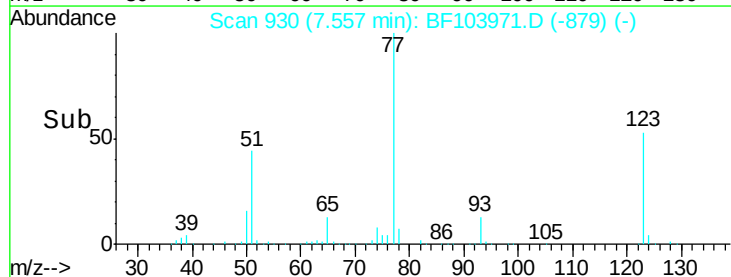
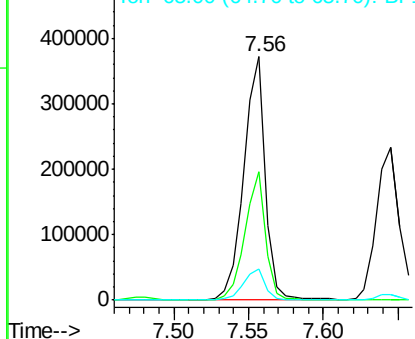
Lab File: BF103971.D

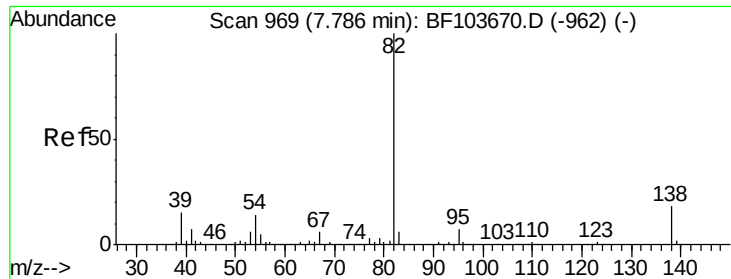
Acq: 27 Mar 2018 15:58

Tgt Ion:	77	Resp:	368274
Ion Ratio	Lower	Upper	
77	100		
123	52.7	37.9	56.9
65	12.8	11.0	16.4



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





#25

Isophorone

Concen: 37.476 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

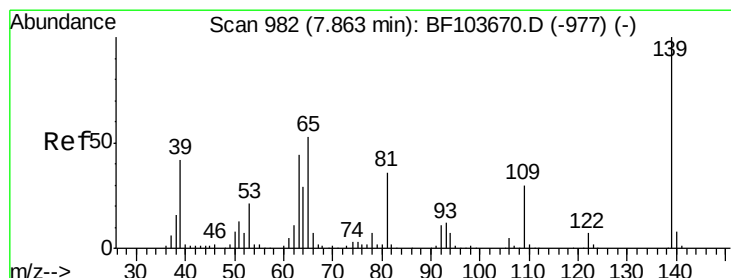
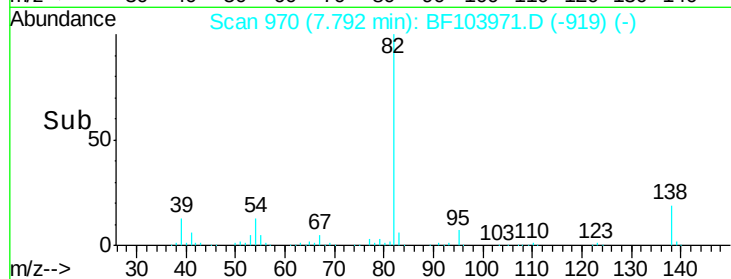
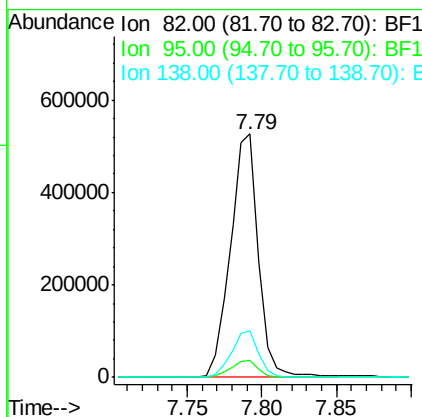
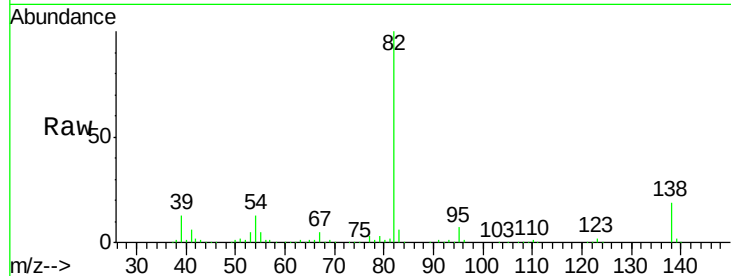
ClientSampleId :

PB107636BS

Tot Ion:	82	Resp:	691800
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.2	7.8
138	19.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 55.621 ng

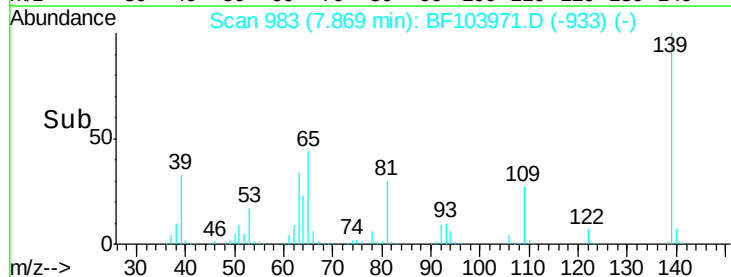
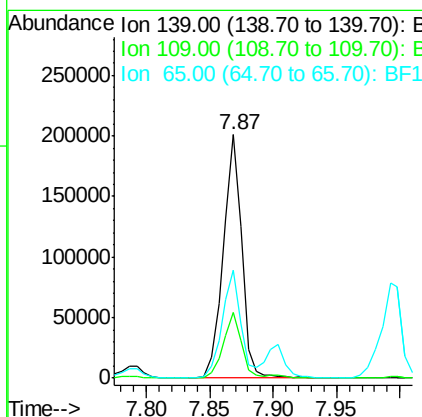
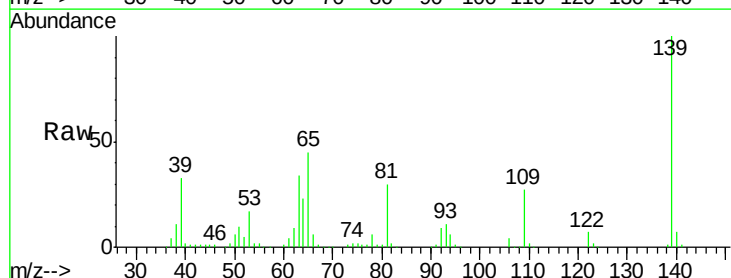
RT: 7.87 min Scan# 983

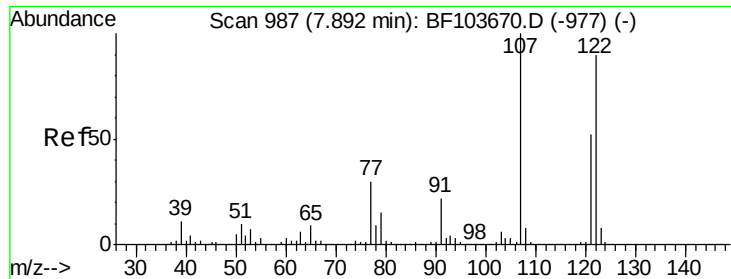
Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	139	Resp:	204764
Ion Ratio		Lower	Upper
139	100		
109	26.8	22.7	34.1
65	44.5	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 43.558 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

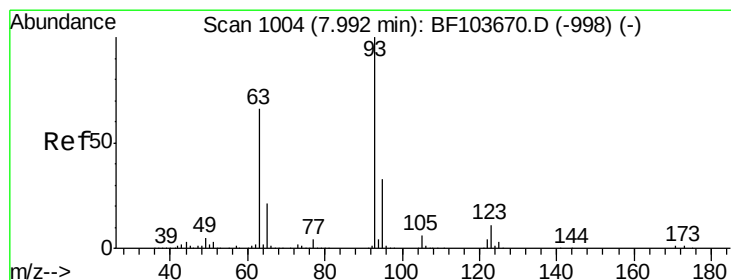
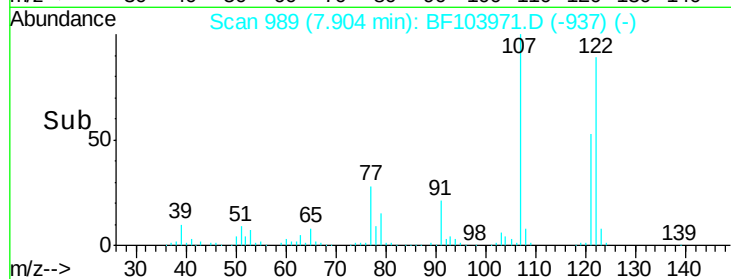
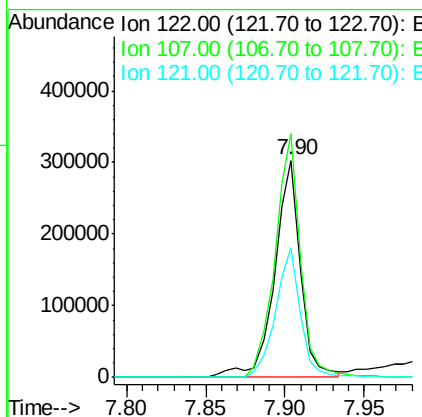
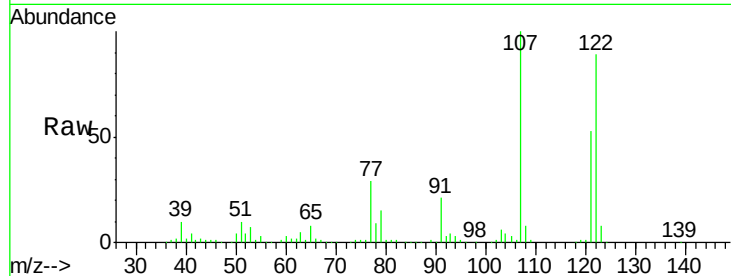
ClientSampled :

PB107636BS

Tot Ion:	122	Resp:	344469
Ion Ratio	Lower	Upper	
122	100		
107	112.2	91.2	136.8
121	59.8	47.2	70.8

Manual Integrations
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3/28/2018 4:54:06 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.892 ng

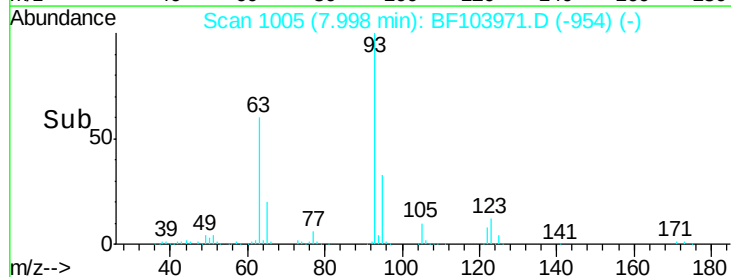
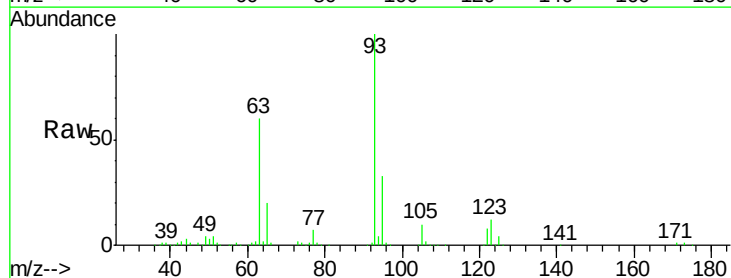
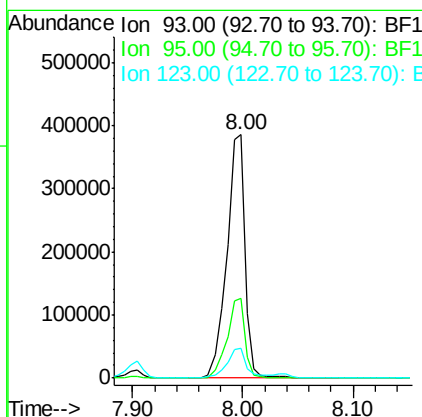
RT: 8.00 min Scan# 1005

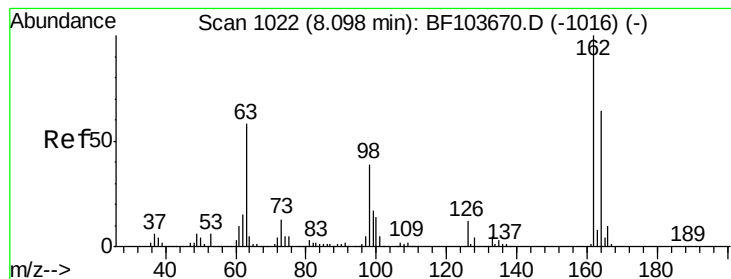
Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	93	Resp:	445921
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	12.0	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 43.599 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

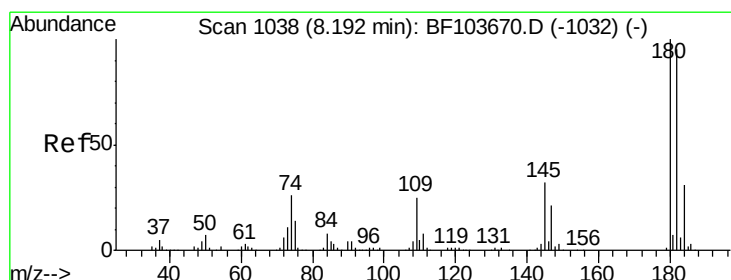
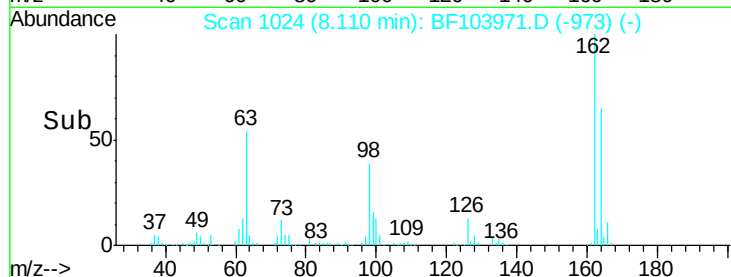
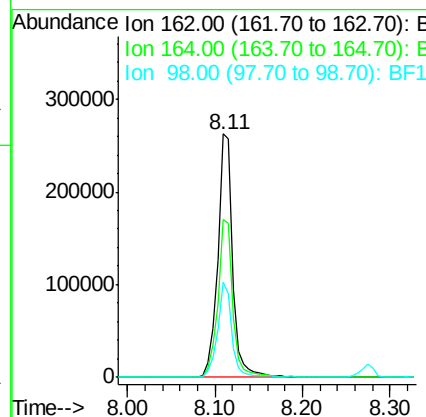
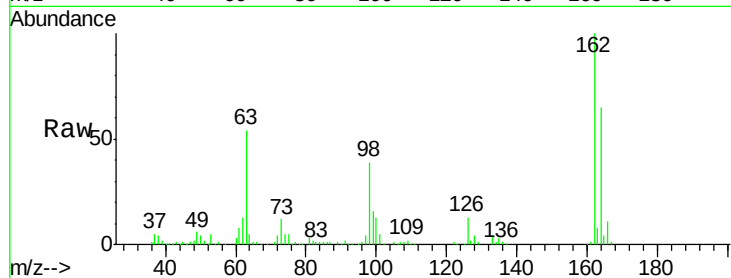
ClientSampleId :

PB107636BS

Tot Ion:	162	Resp:	313687
Ion Ratio	Lower	Upper	
162	100		
164	65.1	42.7	82.7
98	39.2	18.1	58.1

Manual Integrations
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3/28/2018 4:54:06 PM



#30

1,2,4-Trichlorobenzene

Concen: 37.730 ng

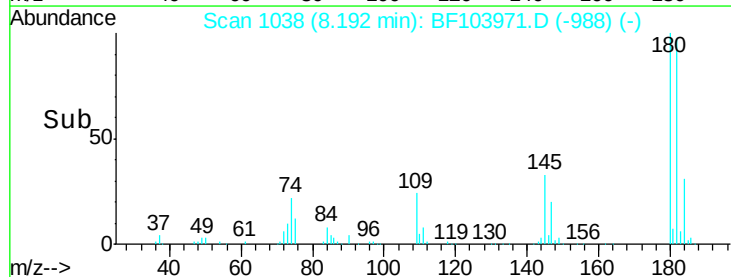
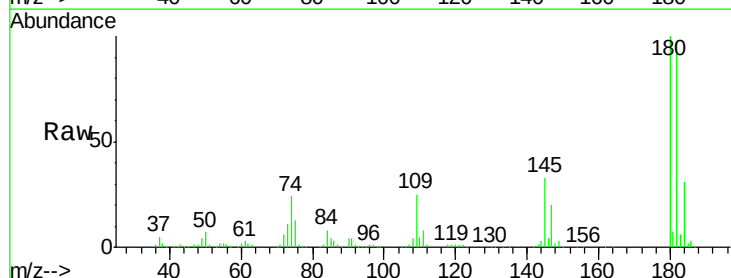
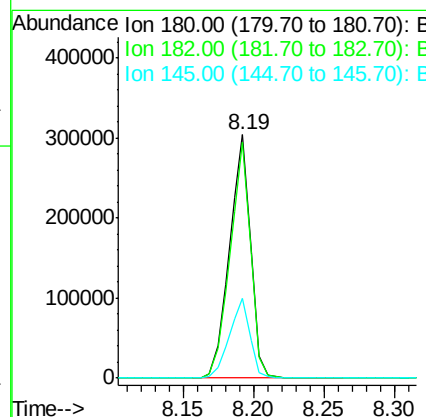
RT: 8.19 min Scan# 1038

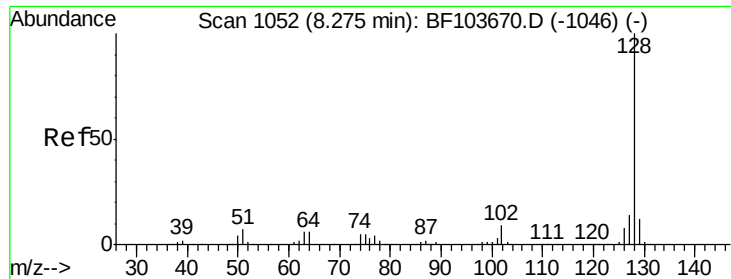
Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	180	Resp:	314853
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.8	115.2
145	32.6	26.5	39.7





#31

Naphthalene

Concen: 37.325 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampled :

PB107636BS

Tot Ion:128 Resp: 1048503

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

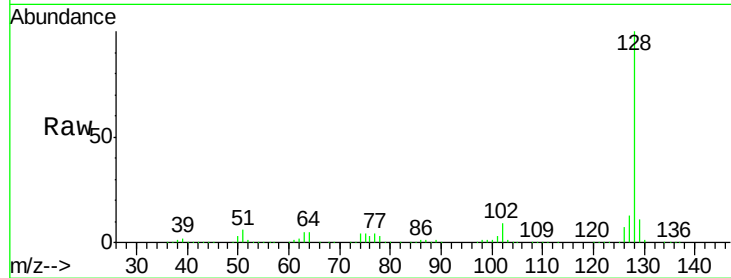
127 13.5 10.9 16.3

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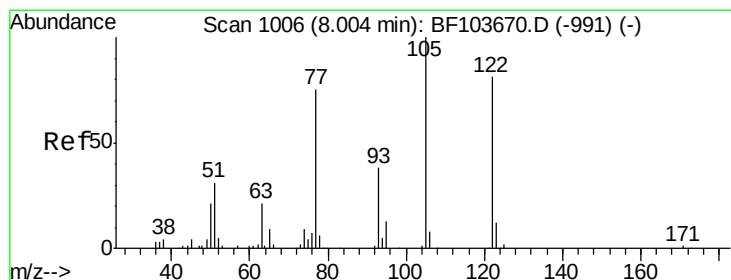
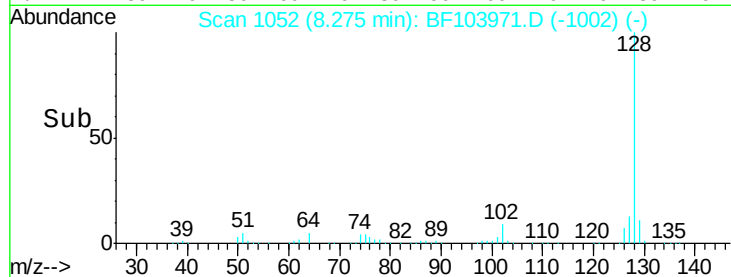
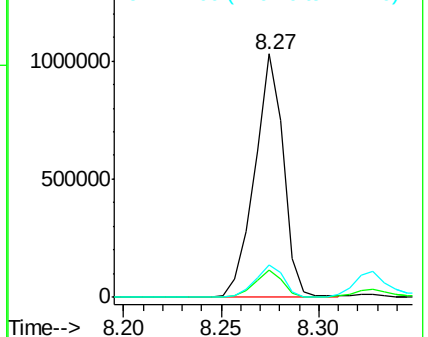
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.231 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.02 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

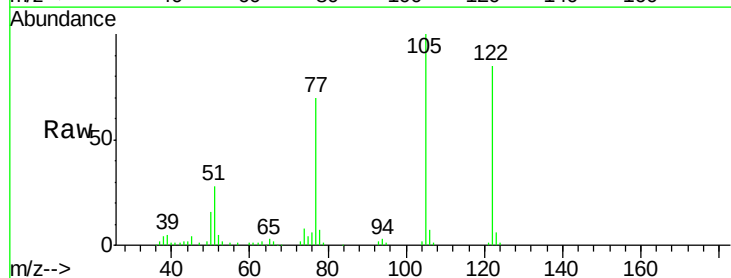
Tgt Ion:122 Resp: 234312

Ion Ratio Lower Upper

122 100

105 117.3 101.1 141.1

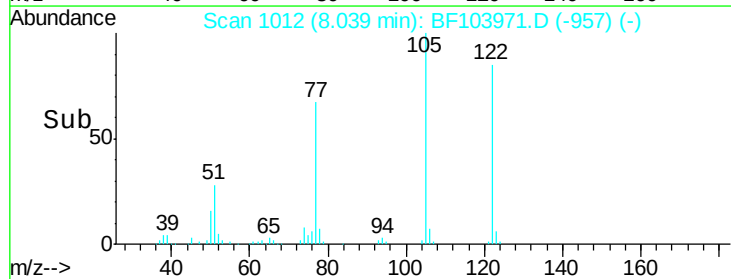
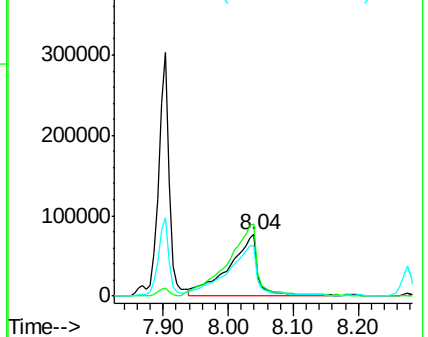
77 82.0 70.7 110.7

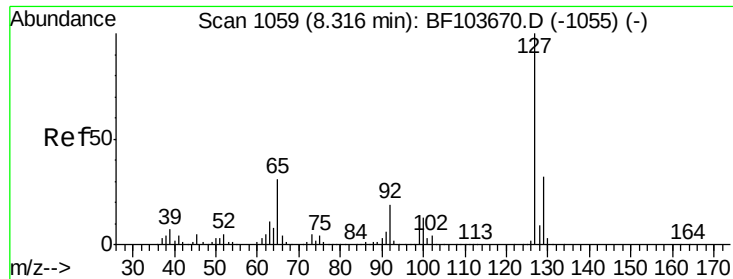


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





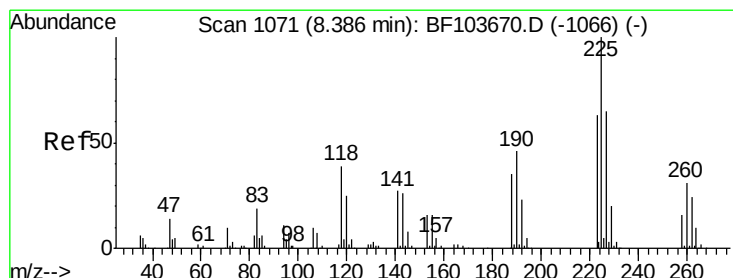
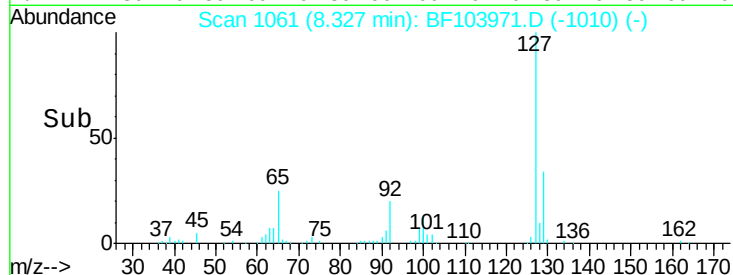
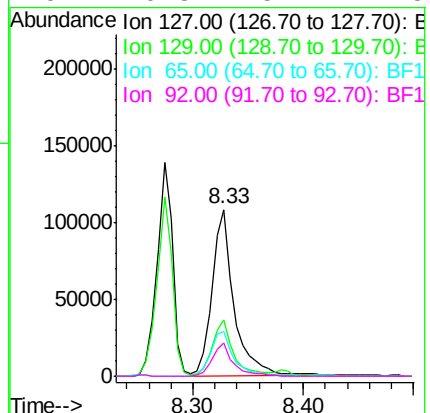
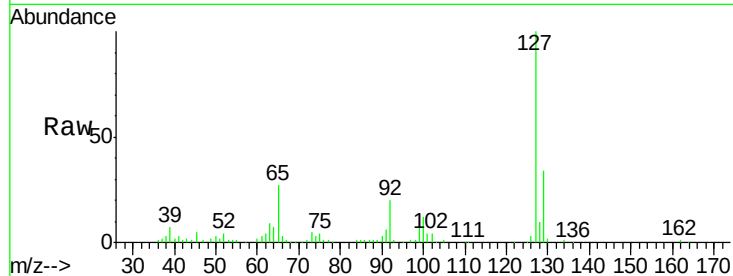
#33
4-Chloroaniline
Concen: 12.430 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6		25.9	38.9	
65	26.9		25.0	37.4	
92	19.8		15.2	22.8	

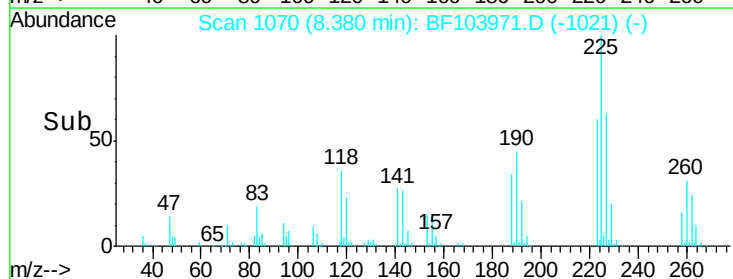
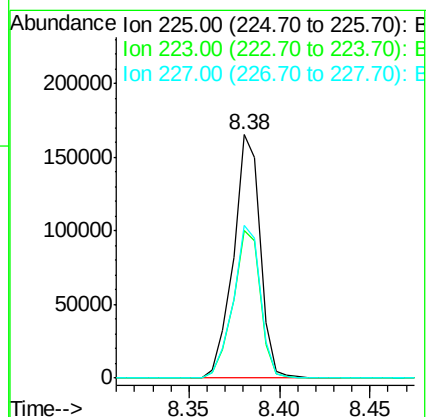
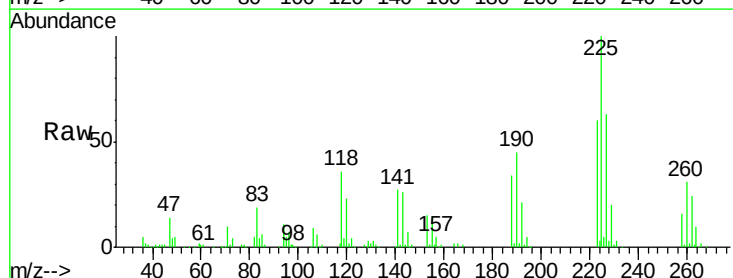
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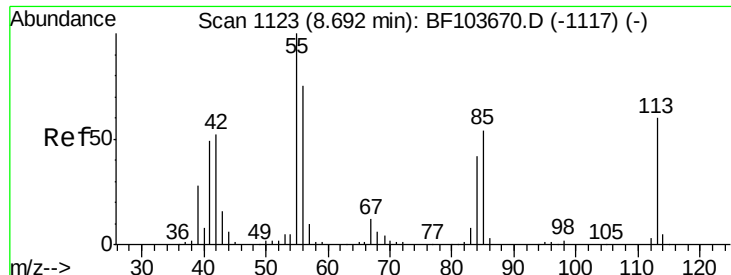
Sohil
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#34
Hexachlorobutadiene
Concen: 37.113 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.5		50.6	76.0	
227	63.0		51.9	77.9	





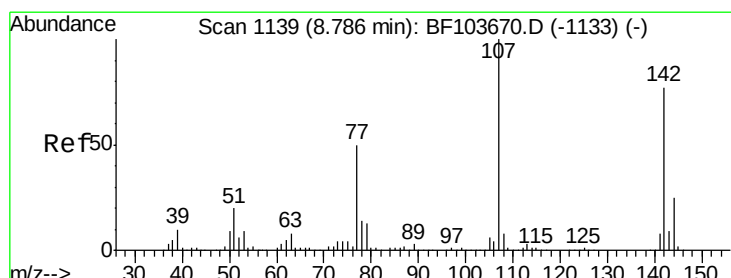
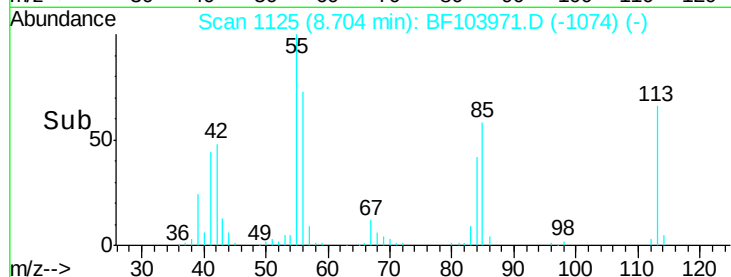
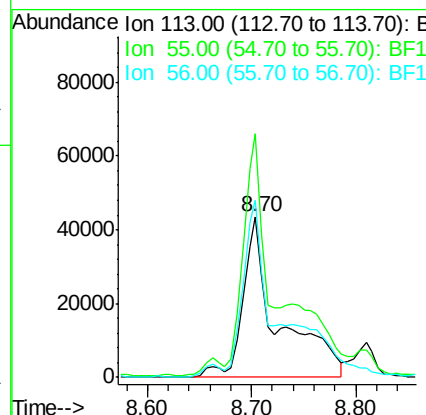
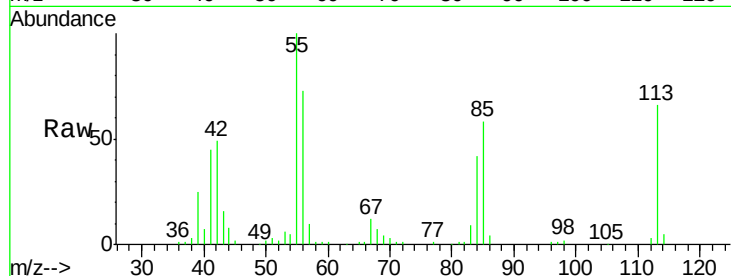
#35
Caprolactam
Concen: 41.554 ng/ml
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.7	163.3	203.3#
56	110.0	115.7	155.7#

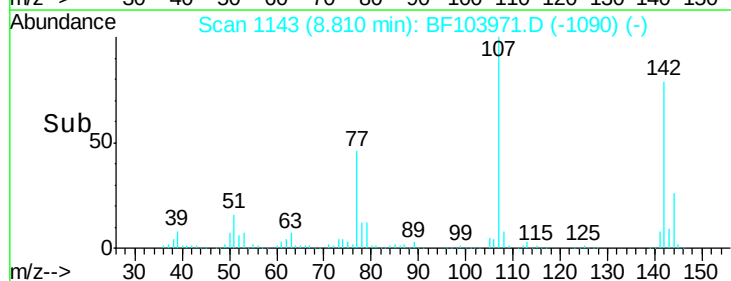
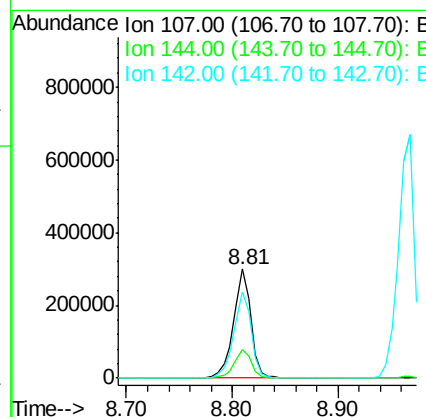
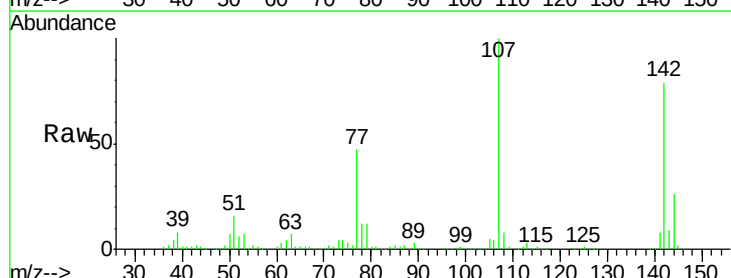
Manual Integrations
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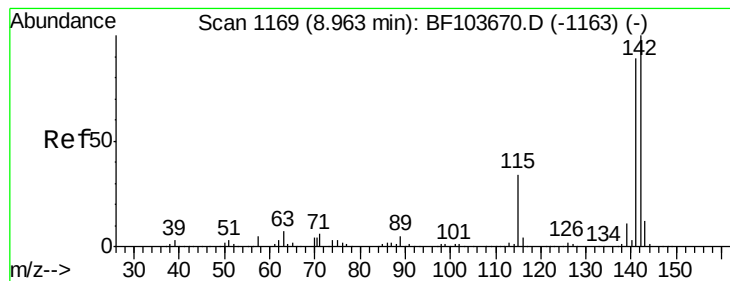
Sohil
3/28/2018 4:54:06 PM



#36
4-Chloro-3-methylphenol
Concen: 42.911 ng/ml
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	79.1	62.0	93.0





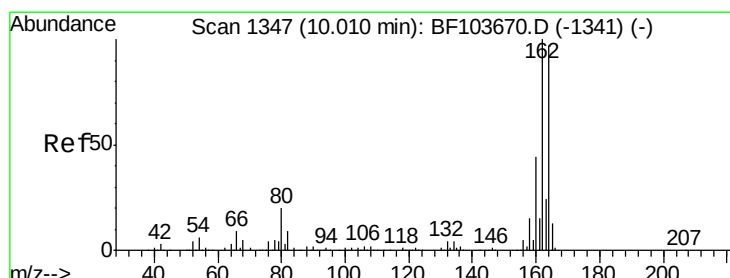
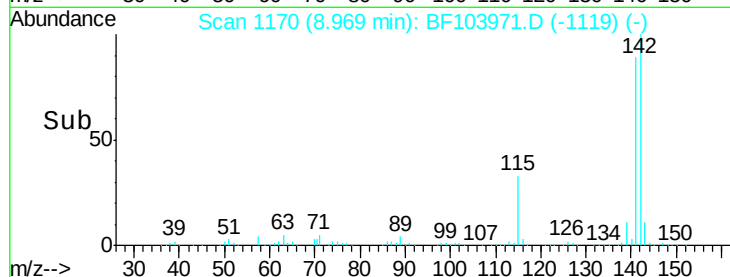
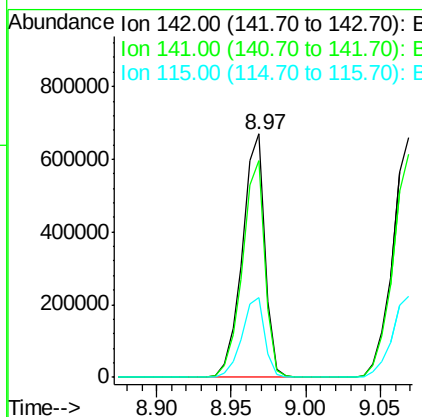
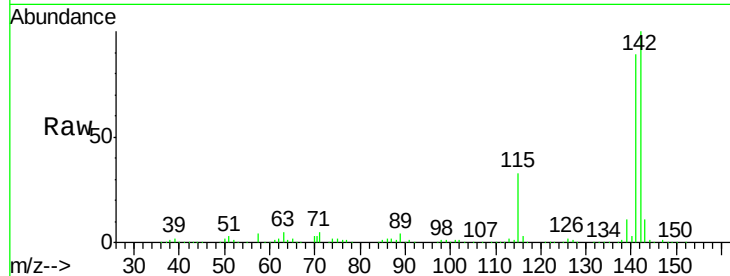
#37
2-Methylnaphthalene
Concen: 39.447 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	32.6	26.1	39.1

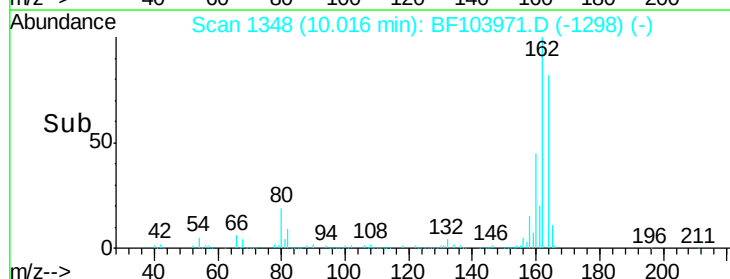
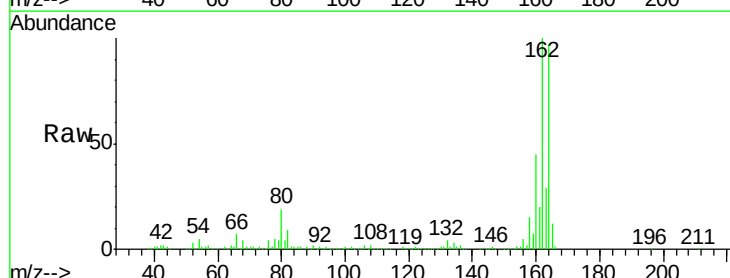
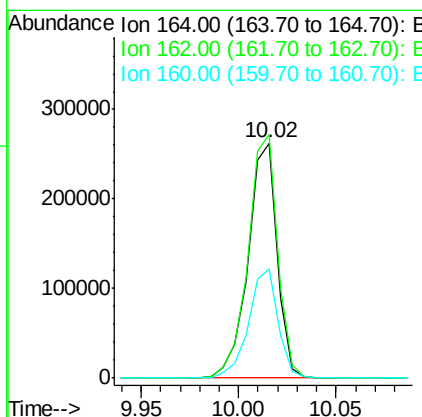
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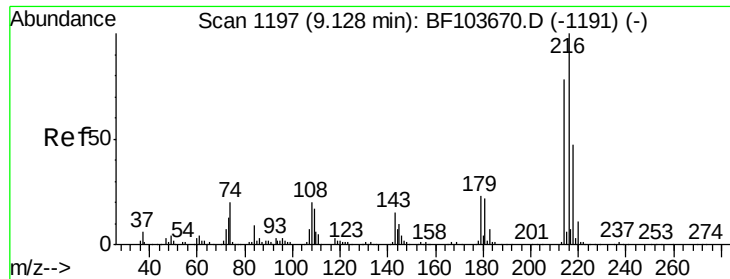
Sohil
3/28/2018 4:54:06 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.2	38.3	57.5





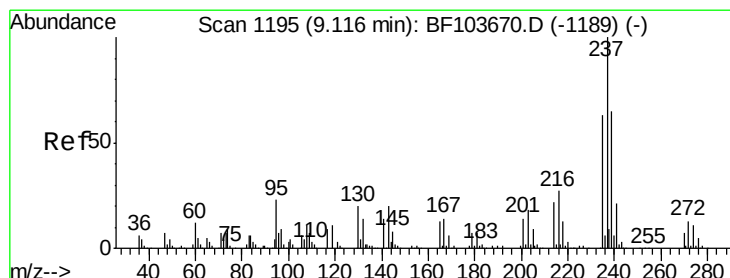
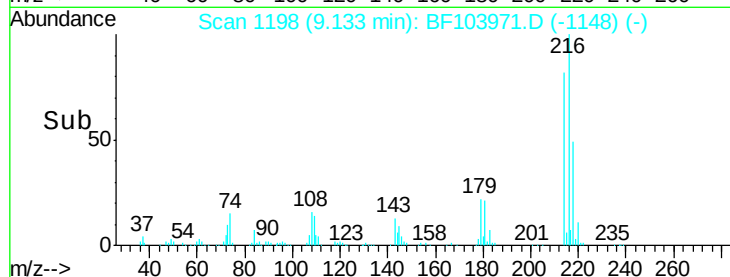
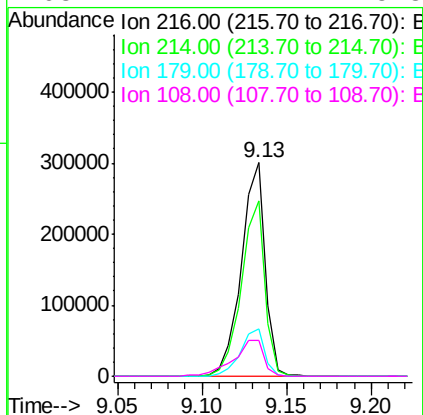
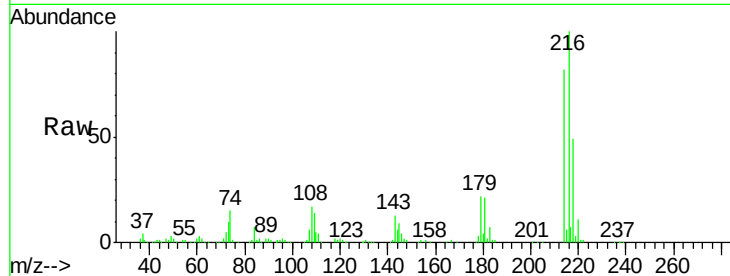
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.443 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	296621		
214	81.1	63.0	94.4	
179	22.3	18.1	27.1	
108	21.7	17.2	25.8	

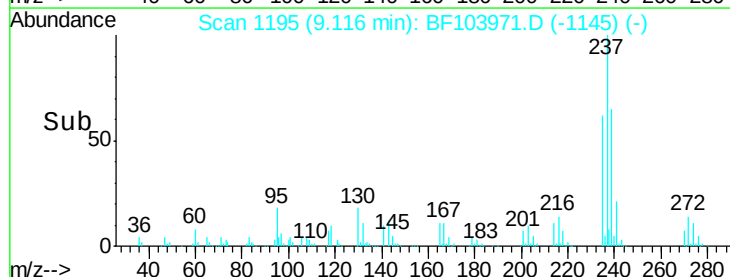
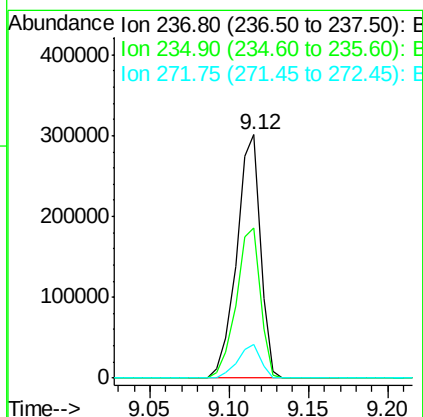
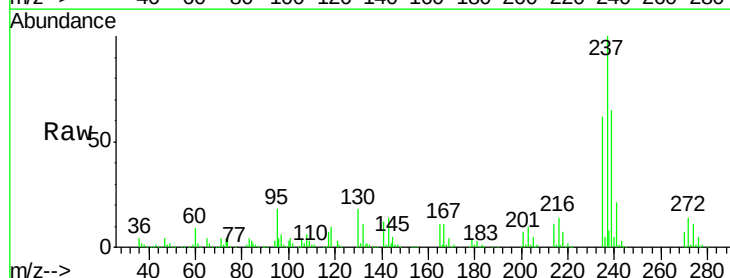
Manual Integrations
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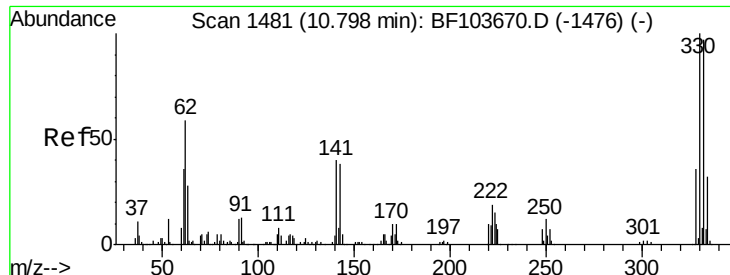
Sohil
 3/28/2018 4:54:06 PM



#40
 Hexachlorocyclopentadiene
 Concen: 78.467 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	312405		
235	61.8	44.8	84.8	
272	13.9	0.0	33.3	





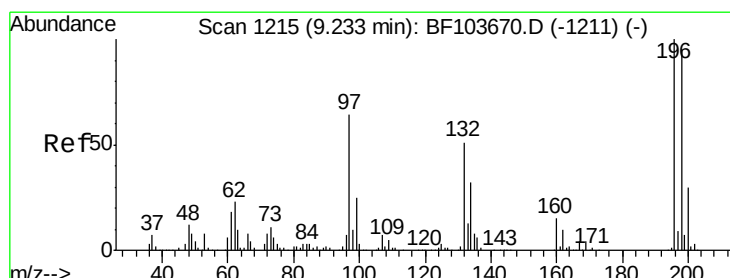
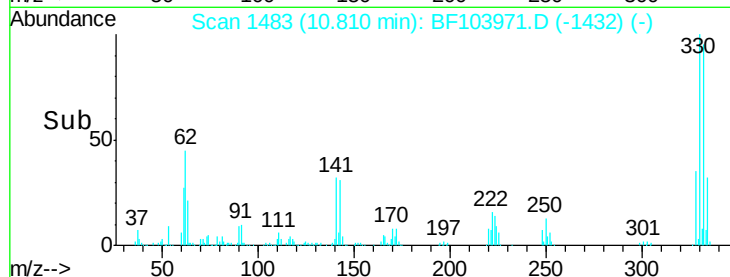
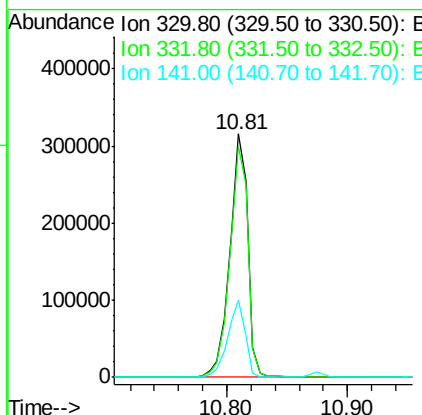
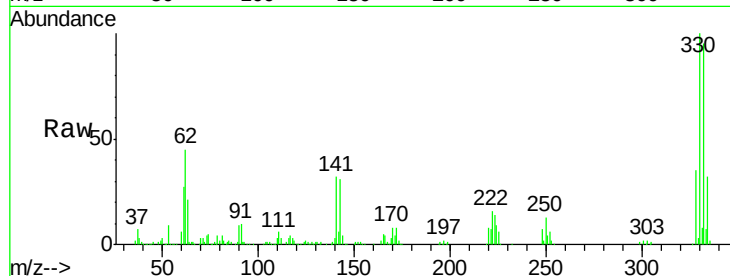
#41
 2,4,6-Tribromophenol
 Concen: 140.254 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	326146		
332	96.5	77.0	115.6	
141	31.2	29.9	44.9	

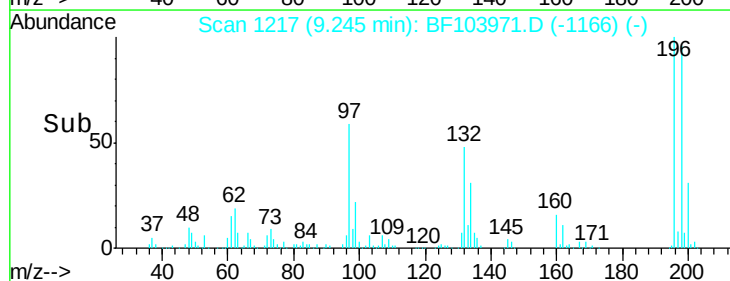
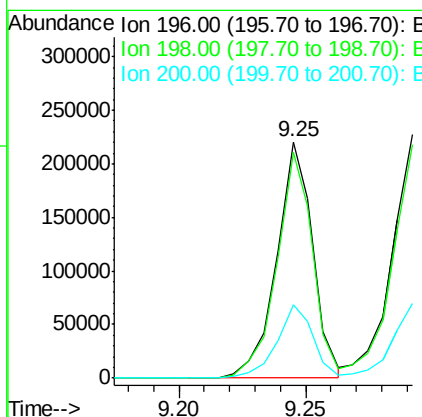
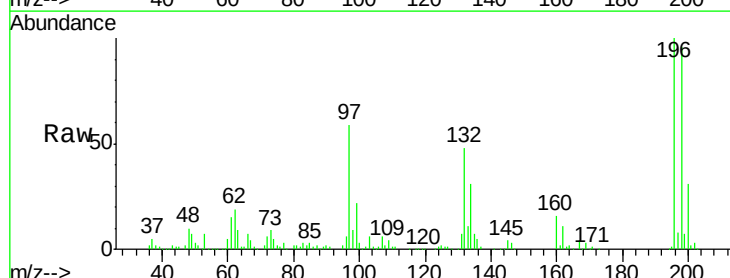
Manual Integrations
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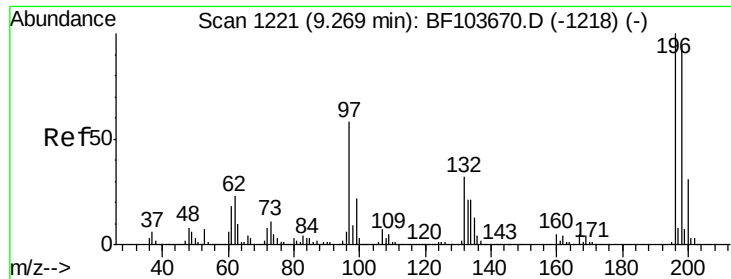
Sohil
 3/28/2018 4:54:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.502 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219630		
198	95.6	75.7	113.5	
200	31.0	24.5	36.7	





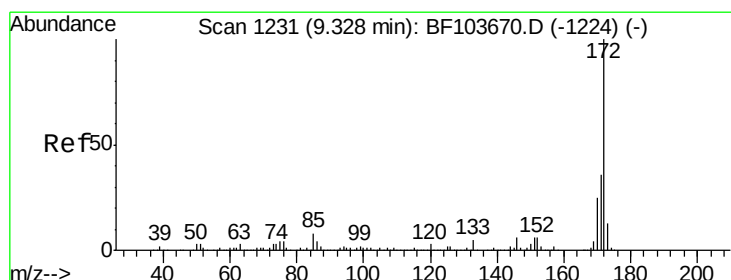
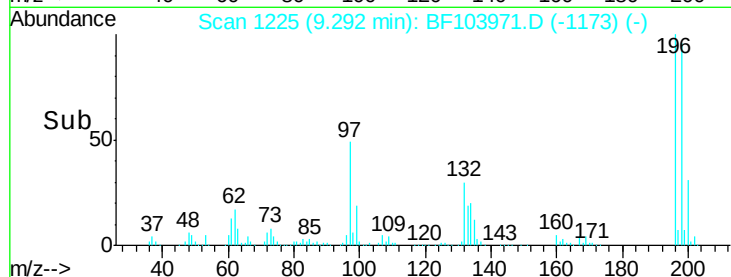
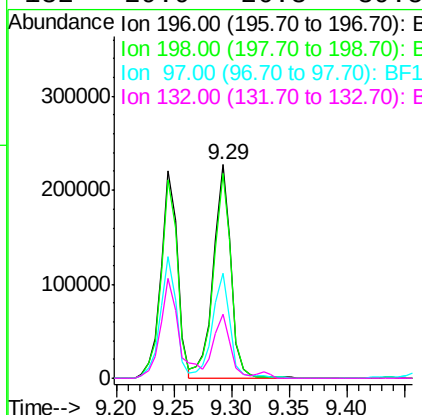
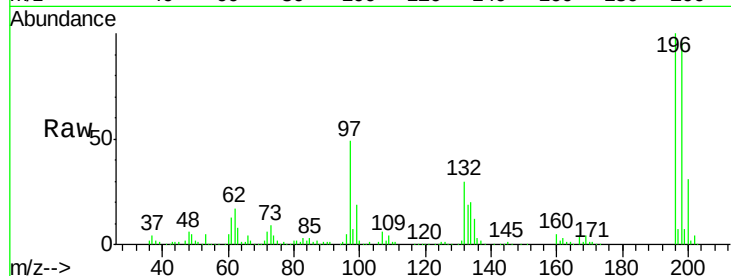
#43
2,4,5-Trichlorophenol
Concen: 43.165 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		240442		
198	95.7		74.6	112.0	
97	49.0		42.9	64.3	
132	29.9		26.3	39.5	

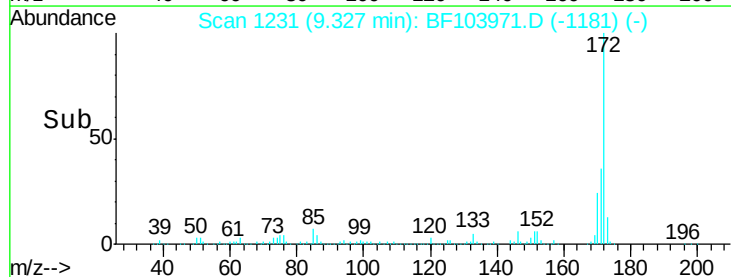
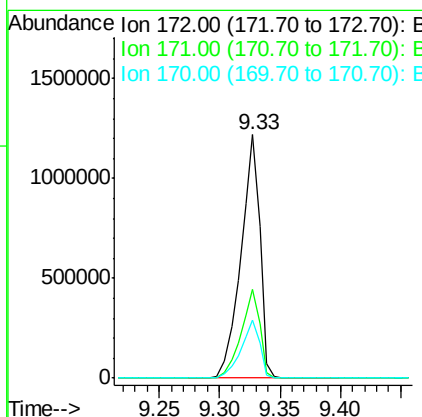
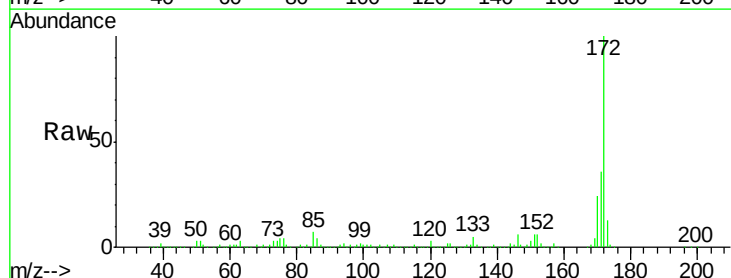
Manual Integrations
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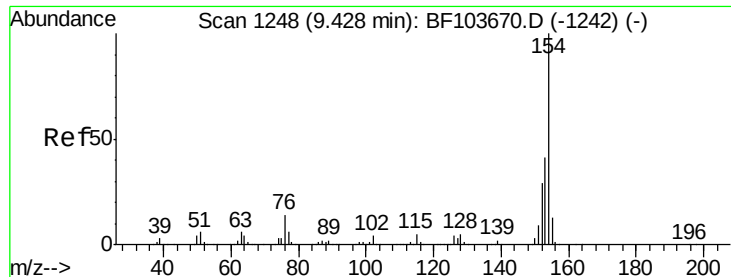
Sohil
3/28/2018 4:54:06 PM



#44
2-Fluorobiphenyl
Concen: 78.813 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1336265		
171	36.3		29.7	44.5	
170	23.9		19.6	29.4	





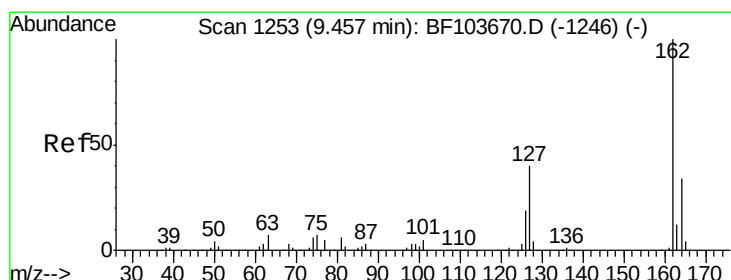
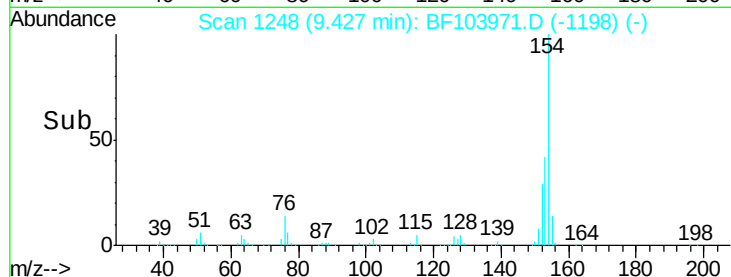
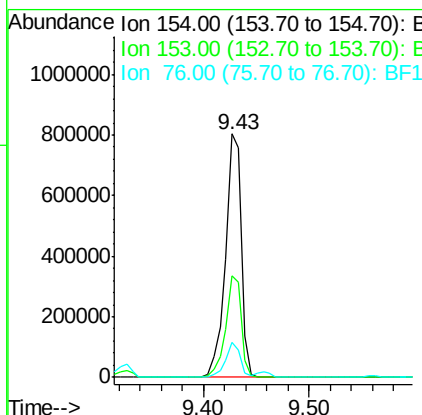
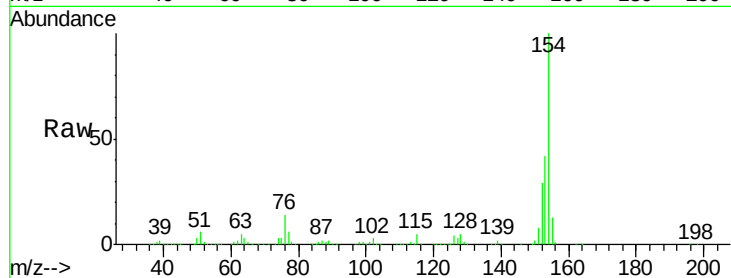
#45
 1,1'-Biphenyl
 Concen: 36.841 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampled :
 PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.6	21.3	61.3	
76	14.1	0.0	34.0	

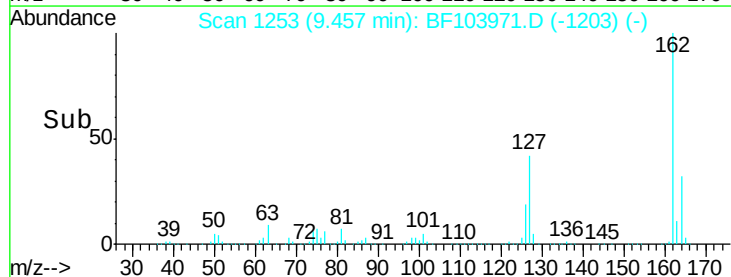
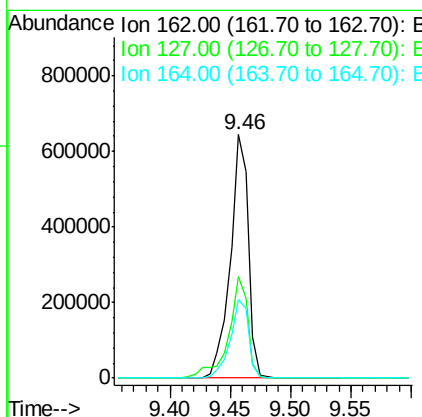
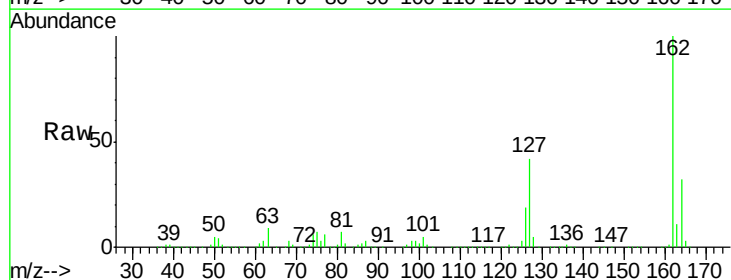
Manual Integrations
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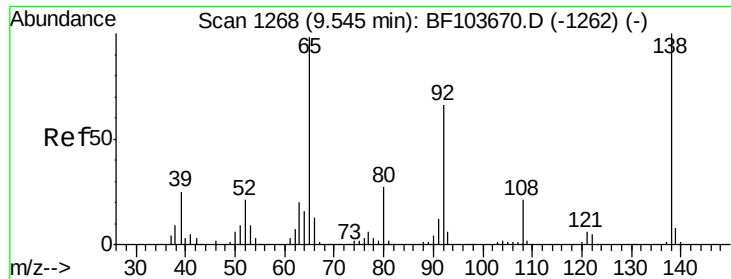
Sohil
 3/28/2018 4:54:06 PM



#46
 2-Chloronaphthalene
 Concen: 37.361 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.6	33.9	50.9	
164	32.4	26.5	39.7	





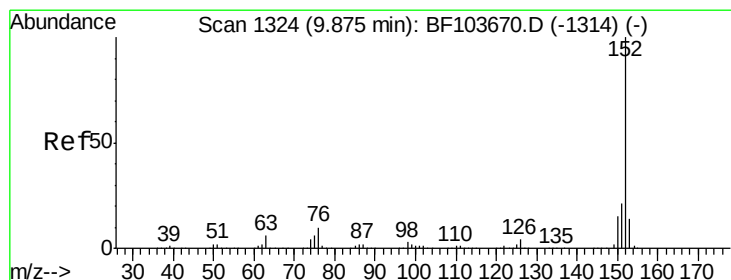
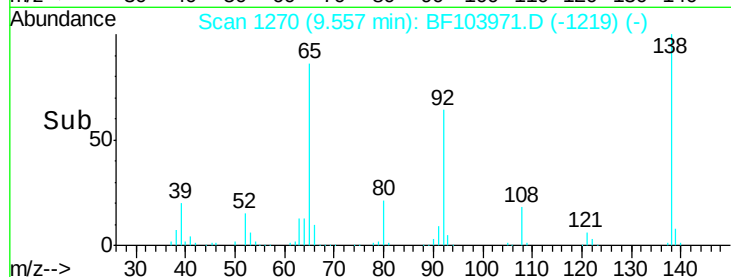
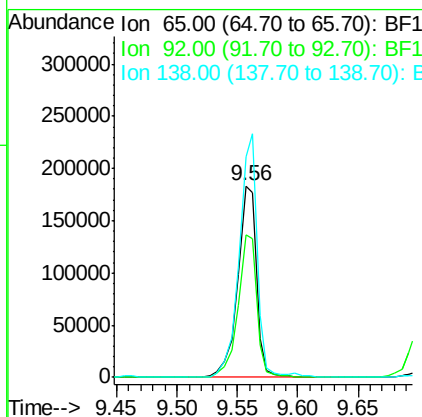
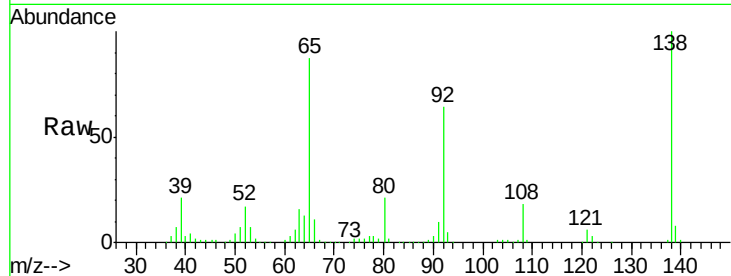
#47
2-Nitroaniline
Concen: 43.738 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.2	55.8	83.6
138	115.3	91.2	136.8

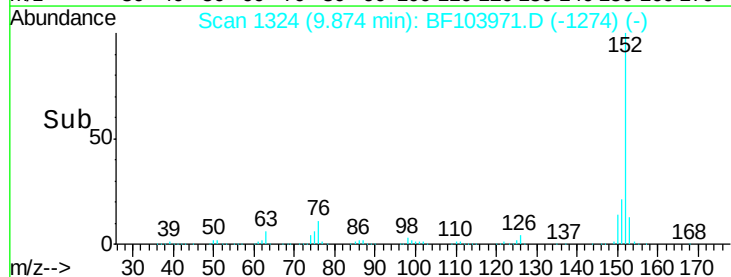
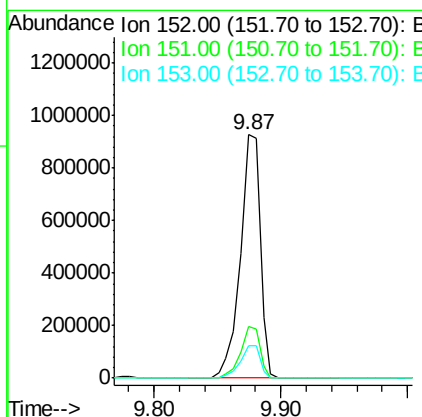
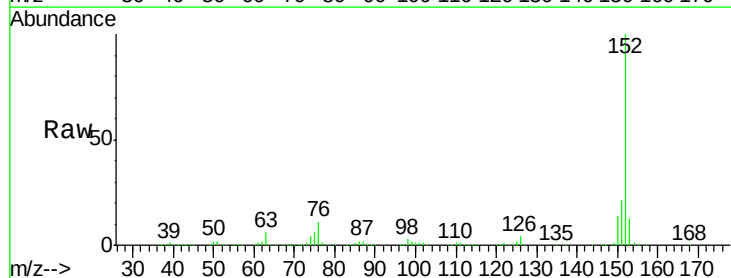
Manual Integrations
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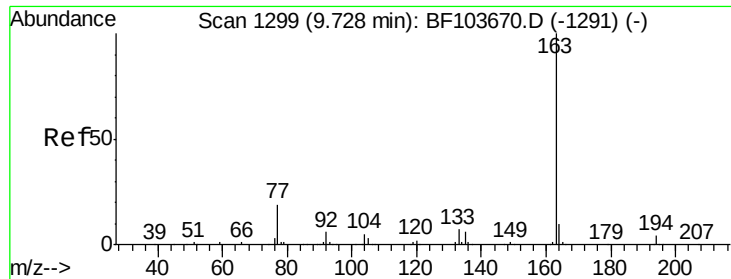
Sohil
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#48
Acenaphthylene
Concen: 36.242 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.4	10.7	16.1





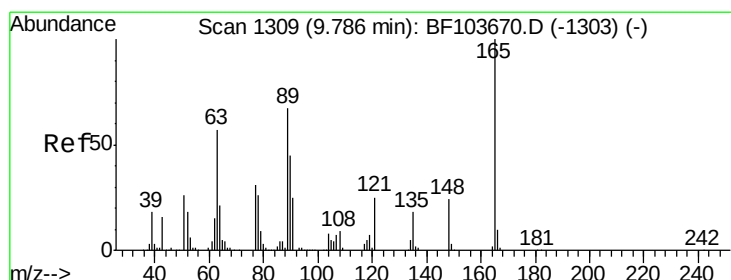
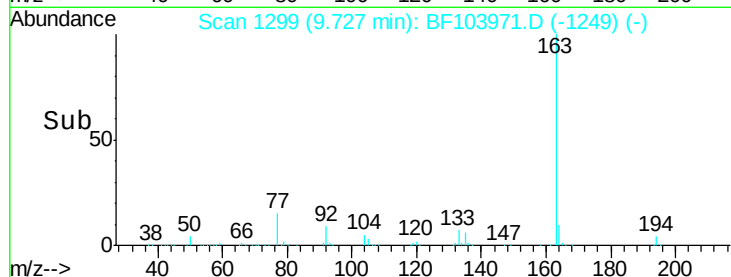
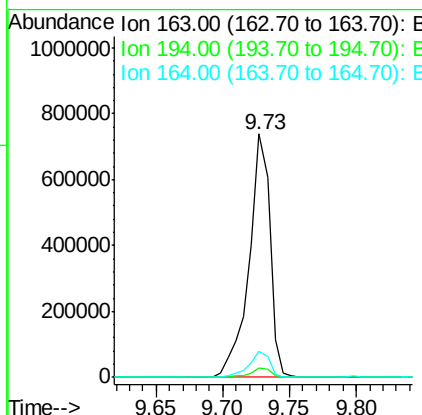
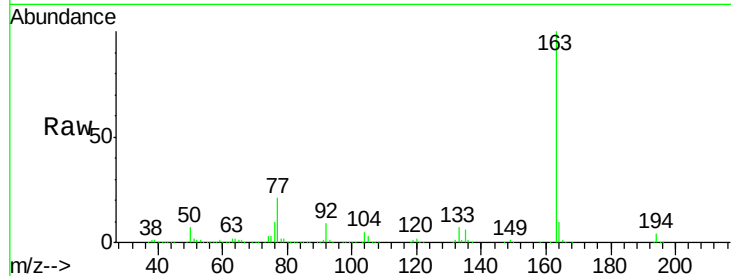
#49
Dimethylphthalate
Concen: 38.537 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	795184		
194	3.6		2.7	4.1
164	10.5		8.2	12.2

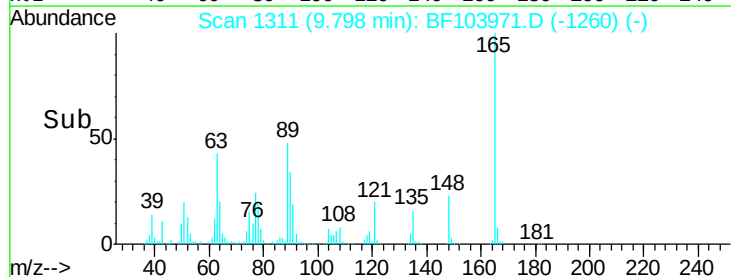
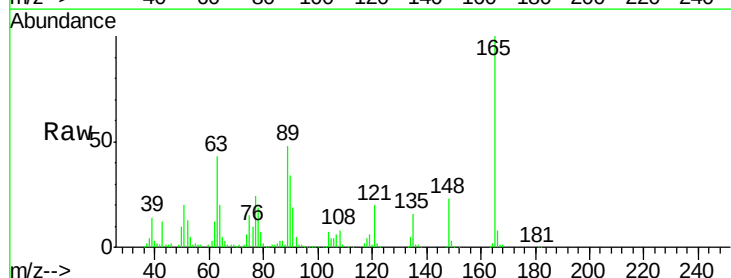
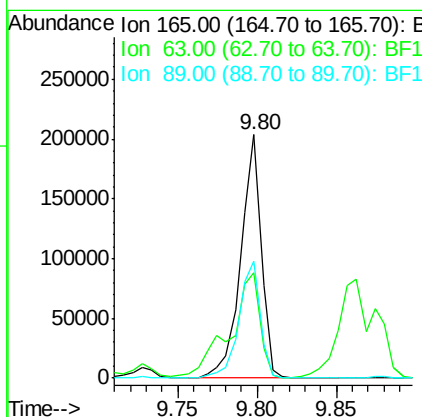
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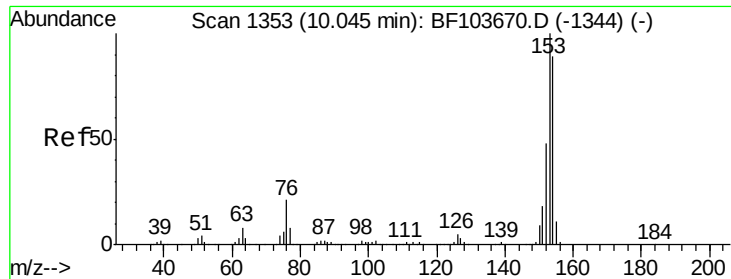
Sohil
3/28/2018 4:54:06 PM



#50
2,6-Dinitrotoluene
Concen: 45.947 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	182660		
63	43.1		44.7	67.1#
89	48.3		44.0	66.0





#51

Acenaphthene

Concen: 35.752 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

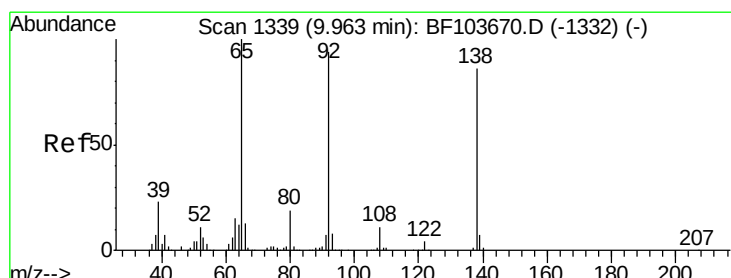
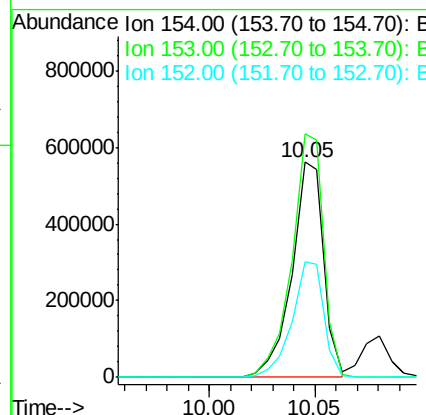
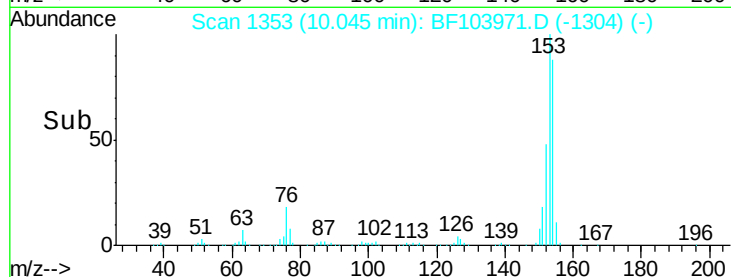
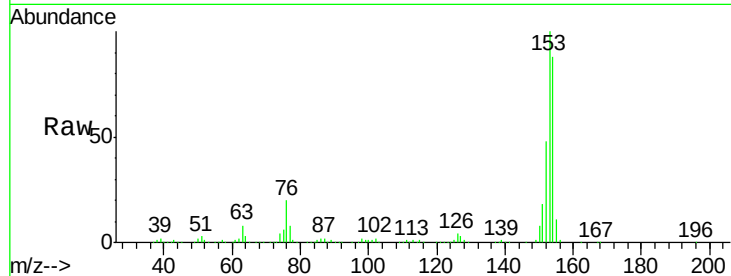
ClientSampleId :

PB107636BS

Tot Ion:	154	Resp:	589656
Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	54.0	43.8	65.8

Manual Integrations
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3/28/2018 4:54:06 PM



#52

3-Nitroaniline

Concen: 25.428 ng

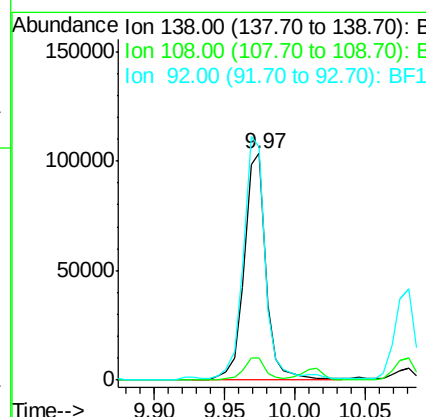
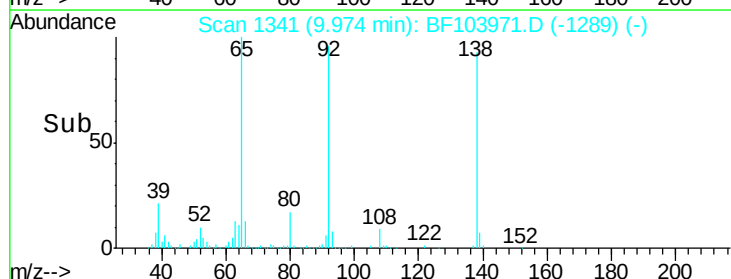
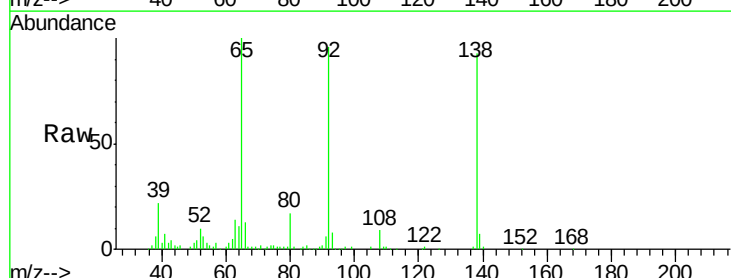
RT: 9.97 min Scan# 1341

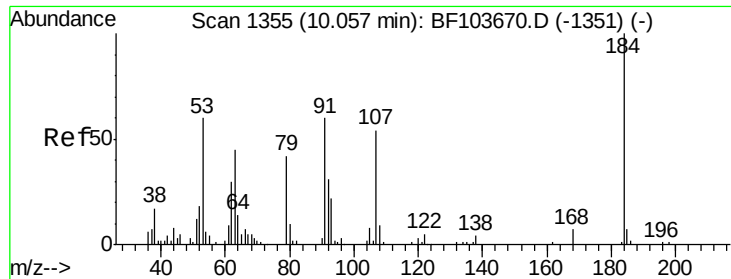
Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	138	Resp:	112322
Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.4	14.0
92	103.2	89.4	134.2





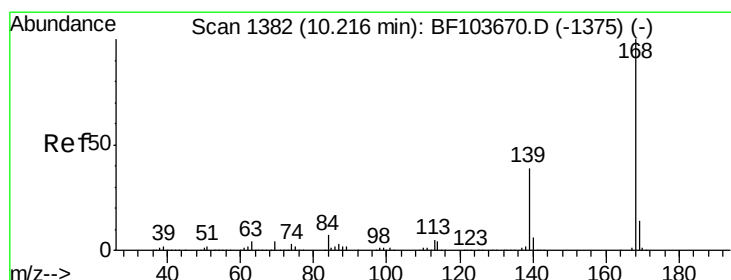
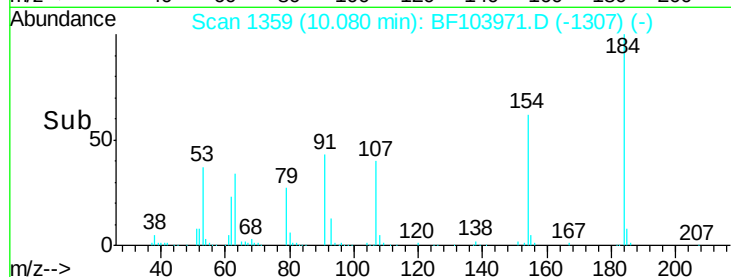
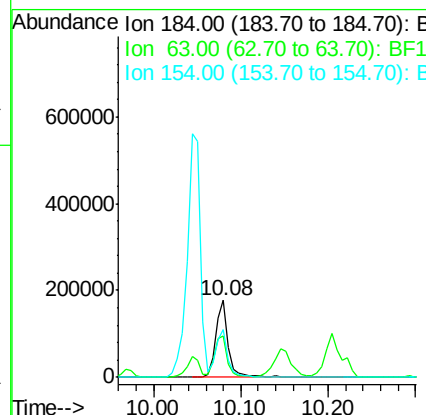
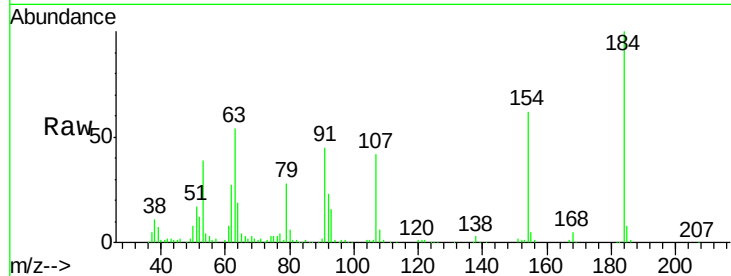
#53
2,4-Dinitrophenol
Concen: 110.513 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampled :
PB107636BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.2	54.2	81.2
154	61.7	184.0	276.0#

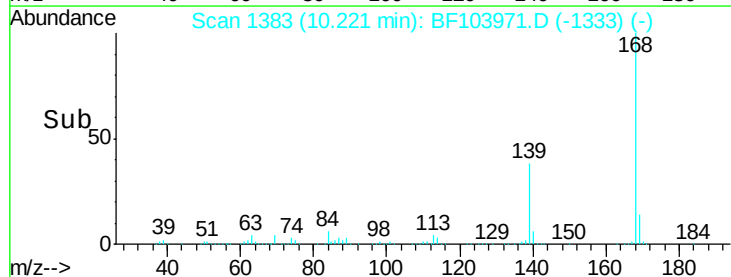
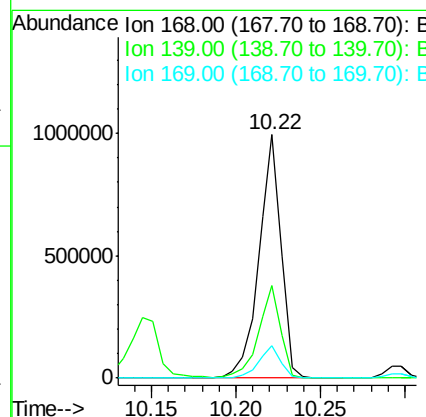
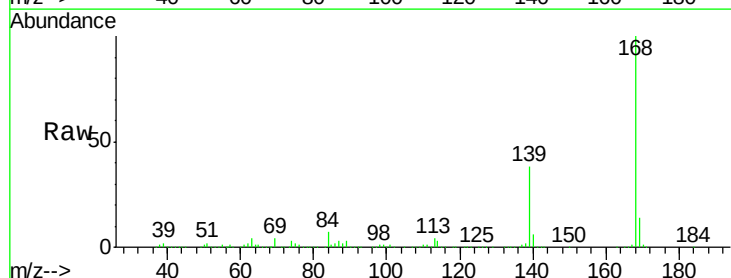
Manual Integrations
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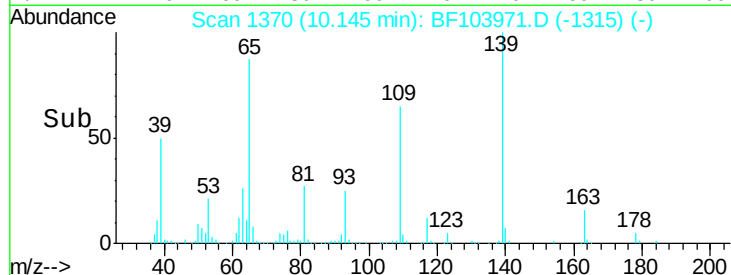
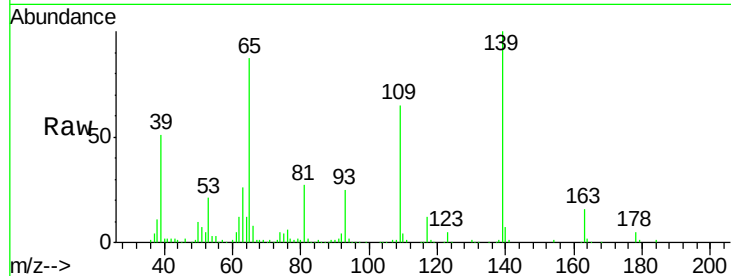
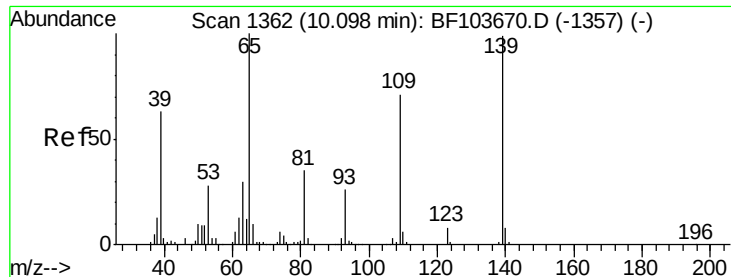
Sohil
3/28/2018 4:54:06 PM



#54
Dibenzofuran
Concen: 38.516 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	13.6	10.9	16.3





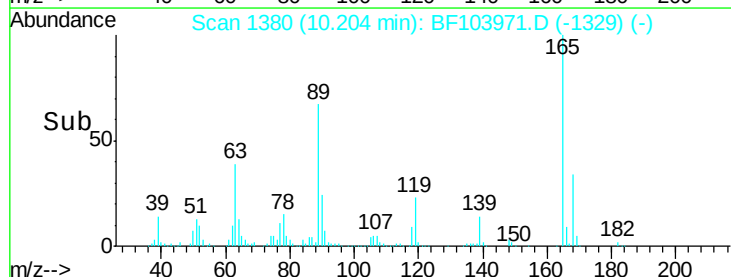
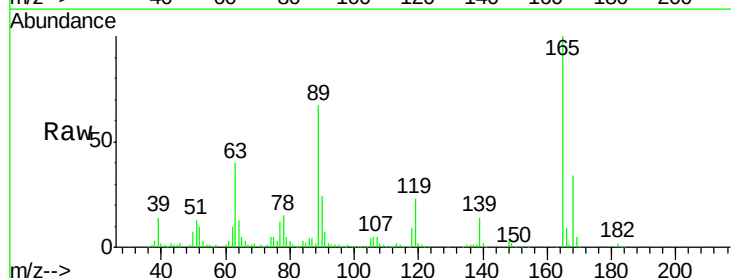
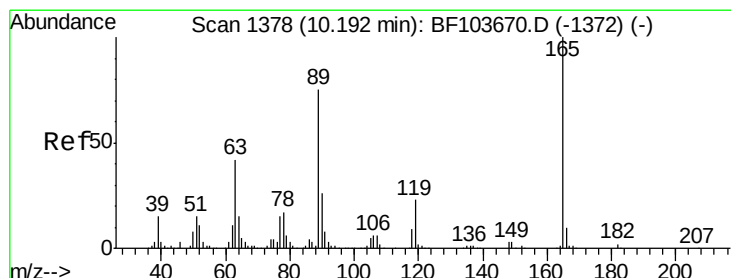
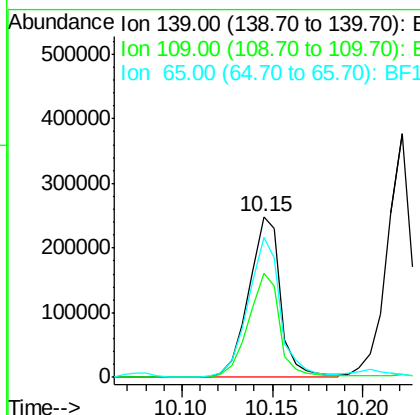
#55
4-Nitrophenol
Concen: 80.590 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.02 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampled :
PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	304601		
109	64.5	48.4	88.4	
65	87.2	72.6	112.6	

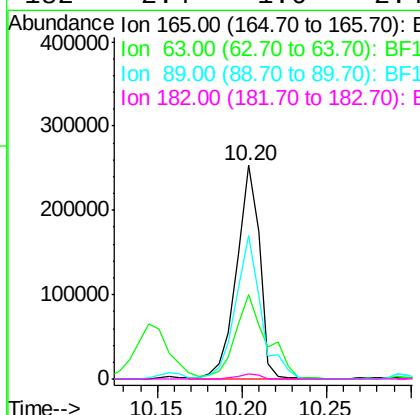
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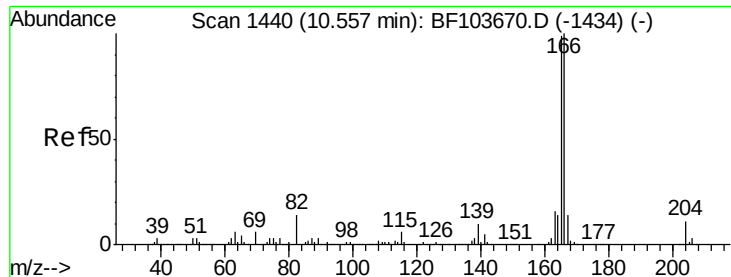
Sohil
3/28/2018 4:54:06 PM



#56
2,4-Dinitrotoluene
Concen: 47.084 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	237415		
63	39.5	36.4	54.6	
89	67.1	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 39.271 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

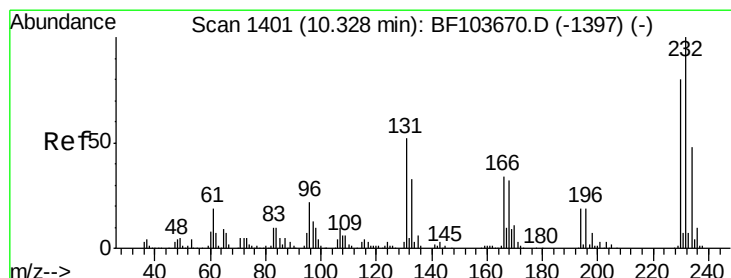
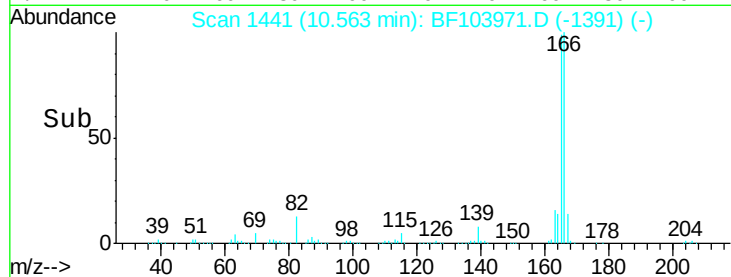
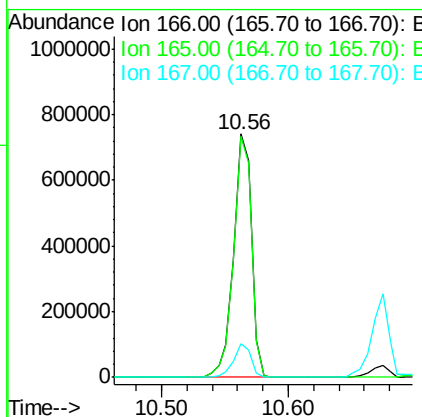
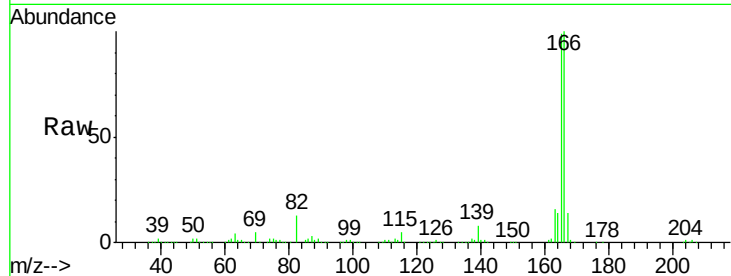
ClientSampleId :

PB107636BS

Tot Ion:	166	Resp:	717806
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.8	119.8
167	13.7	10.6	16.0

Manual Integrations
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3/28/2018 4:54:06 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.368 ng

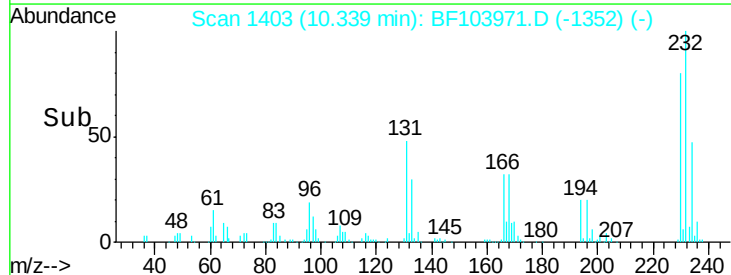
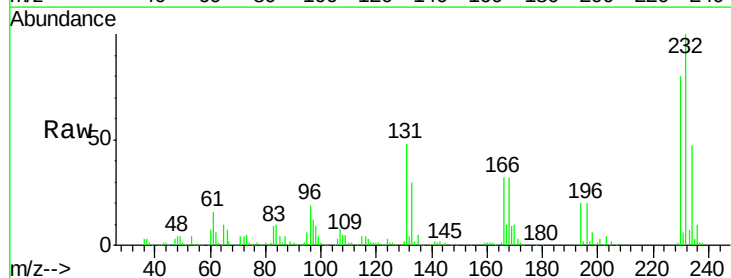
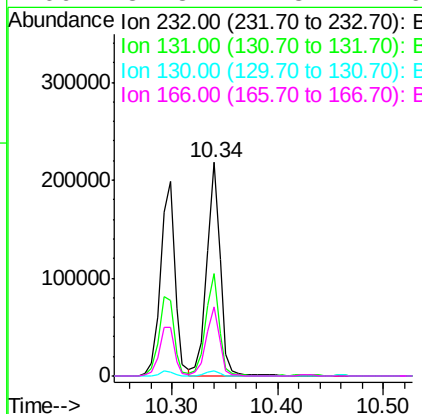
RT: 10.34 min Scan# 1403

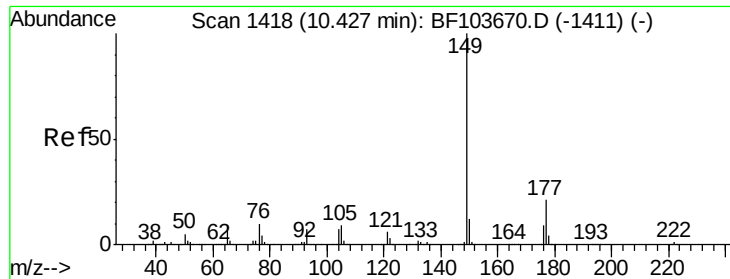
Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	232	Resp:	194857
Ion Ratio	Lower	Upper	
232	100		
131	46.7	43.8	65.8
130	2.3	2.1	3.1
166	31.8	27.8	41.6





#59

Diethylphthalate

Concen: 38.602 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

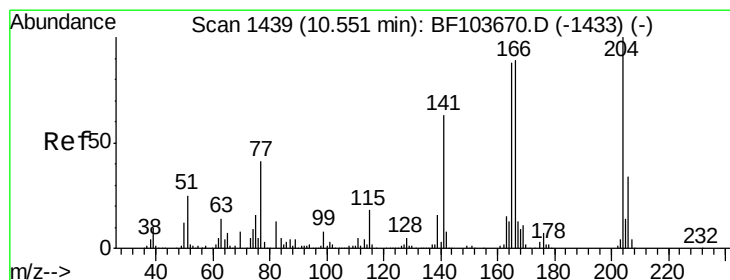
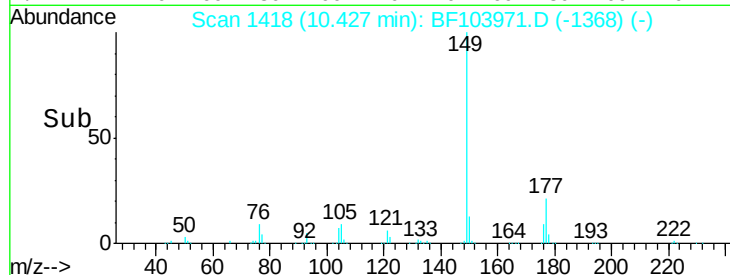
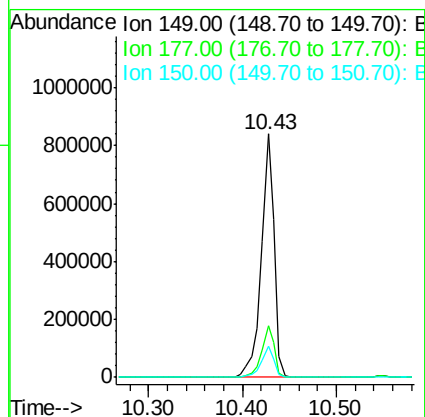
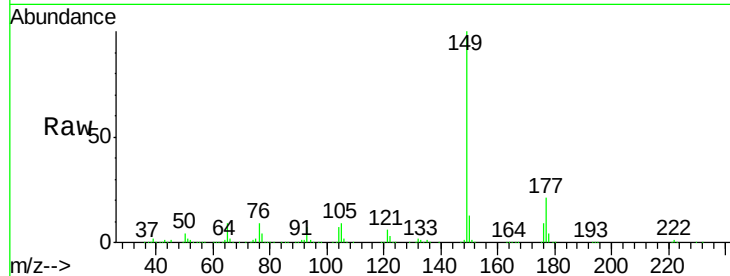
ClientSampled :

PB107636BS

Tot Ion:	149	Resp:	790565
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.1	24.1
150	12.7	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 40.109 ng

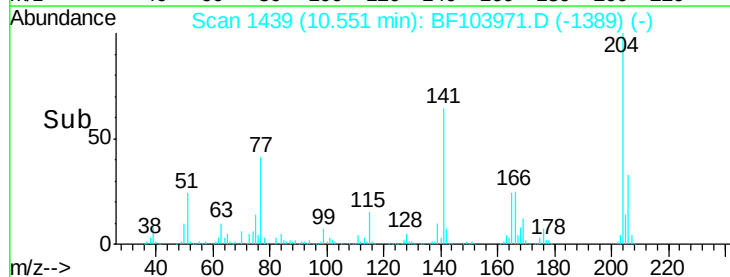
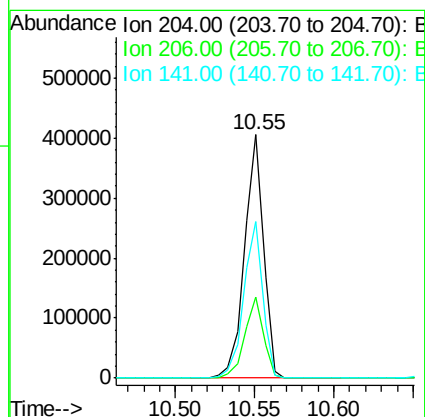
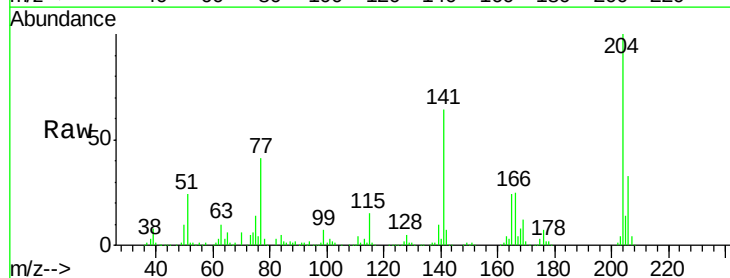
RT: 10.55 min Scan# 1439

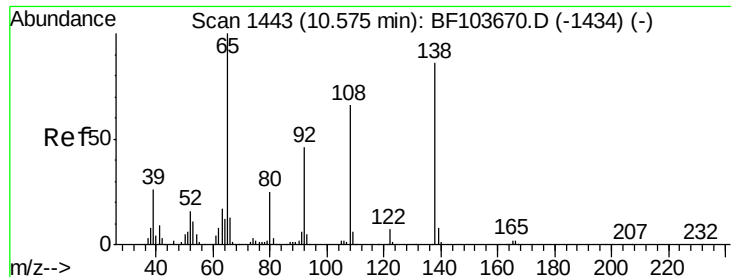
Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	204	Resp:	335050
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.5	39.7
141	64.1	54.6	81.8





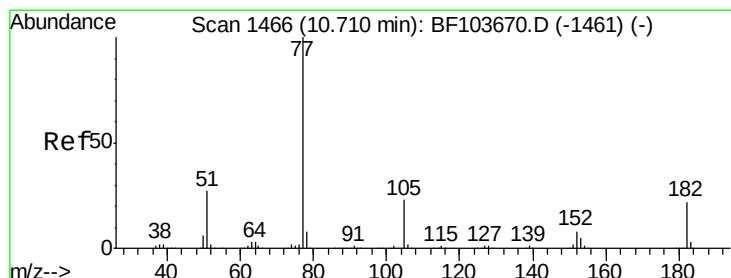
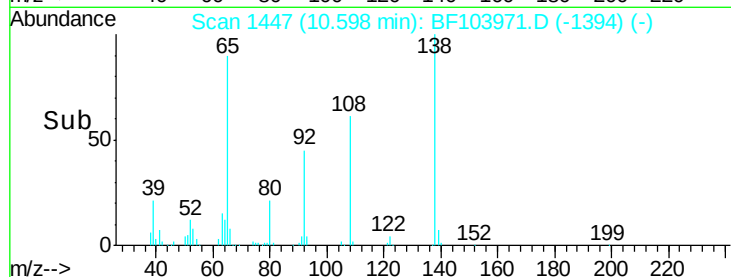
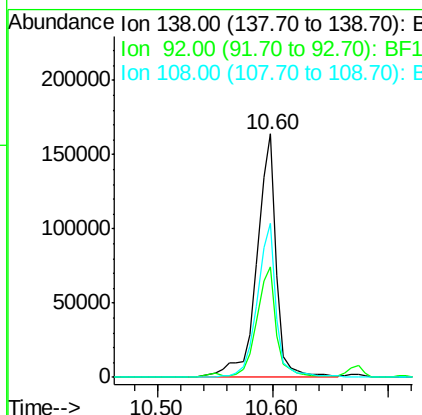
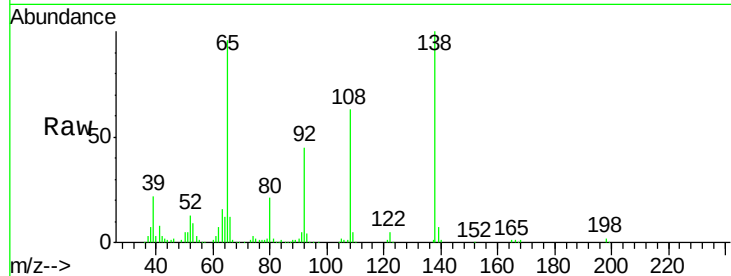
#61
4-Nitroaniline
Concen: 42.531 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.4	30.2	70.2
108	63.0	52.5	92.5

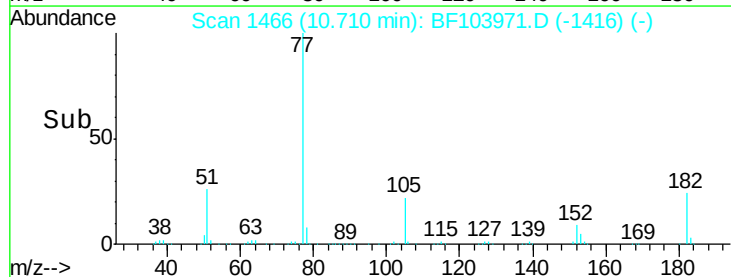
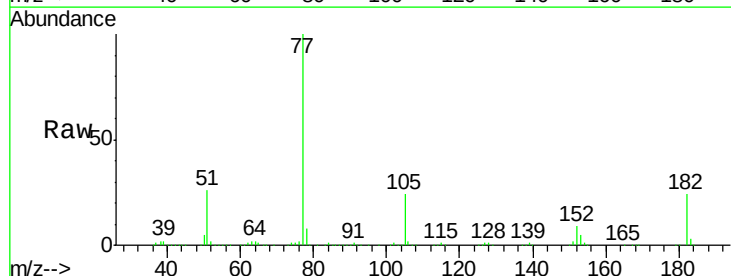
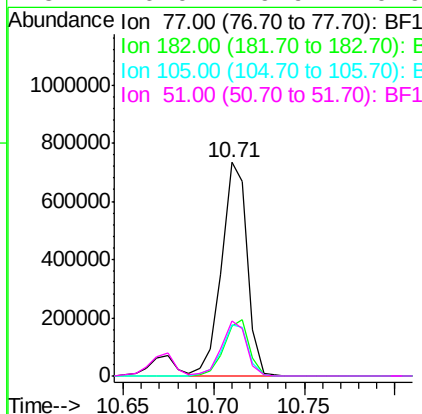
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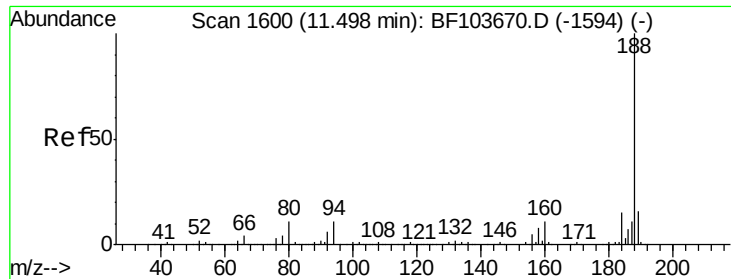
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#62
Azobenzene
Concen: 34.585 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	1.7	41.7
105	24.0	3.0	43.0
51	26.0	9.9	49.9





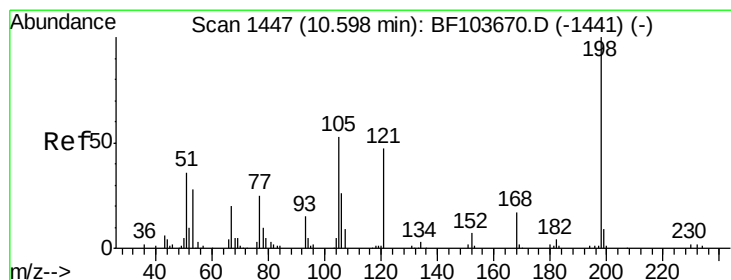
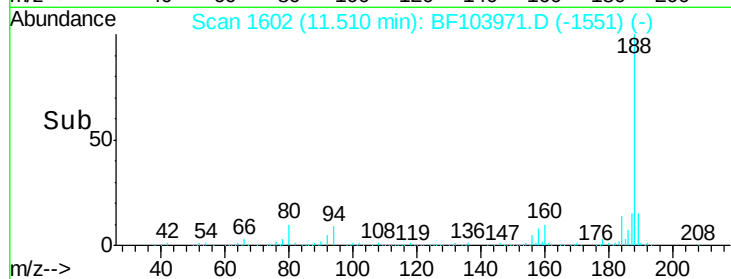
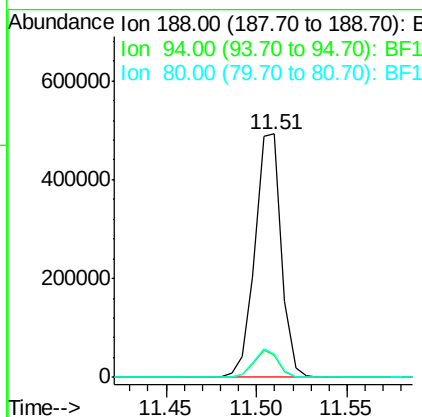
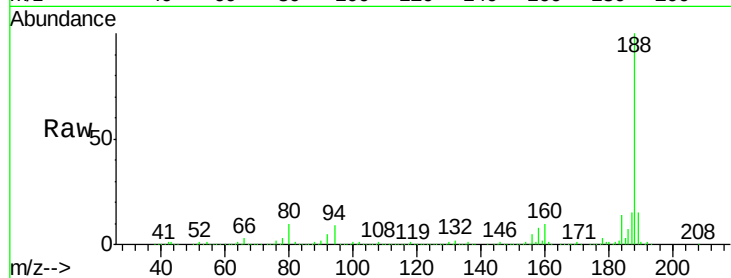
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8

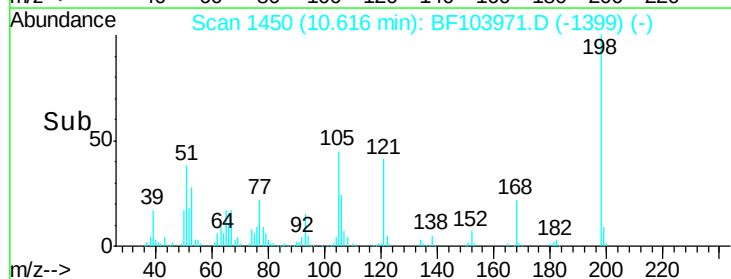
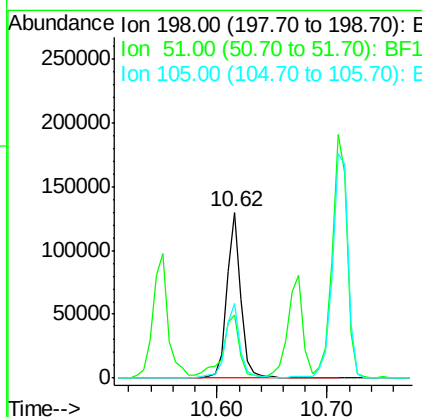
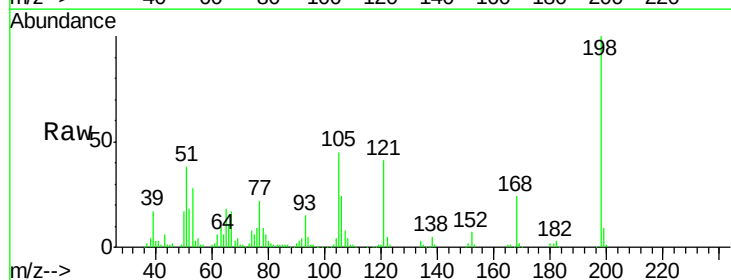
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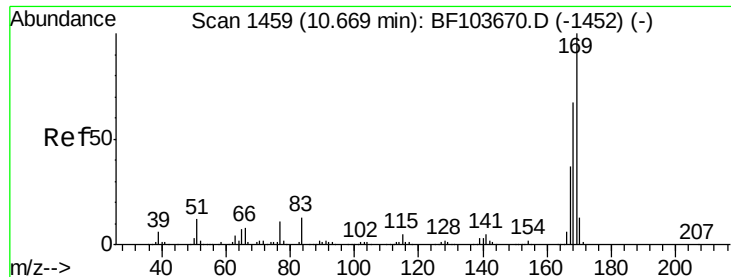
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 57.277 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.2	37.7	77.7
105	44.9	36.3	76.3





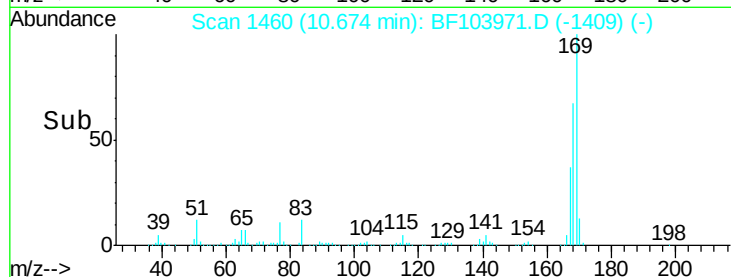
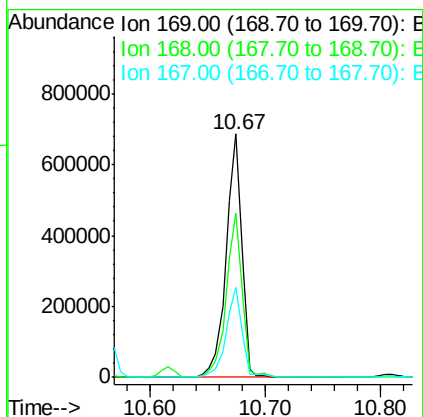
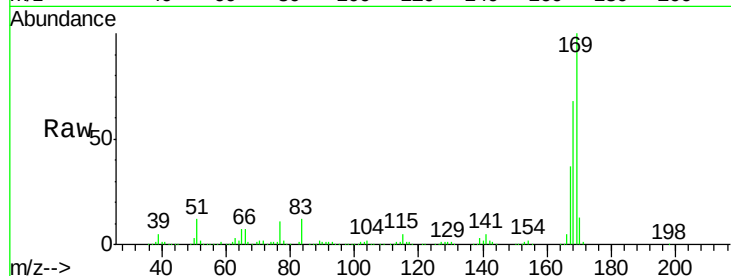
#65
n-Nitrosodiphenylamine
Concen: 37.760 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	642254		
168	67.5	54.4	81.6	
167	37.0	29.8	44.6	

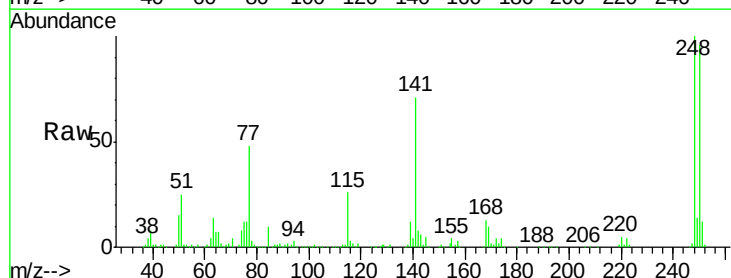
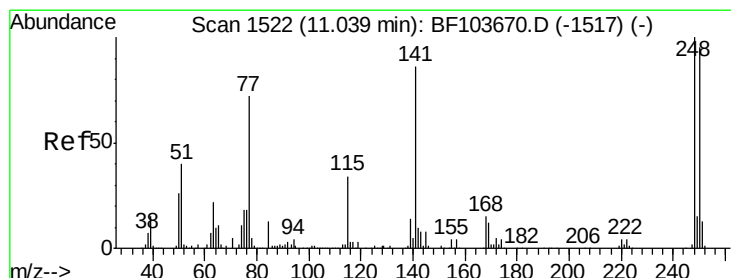
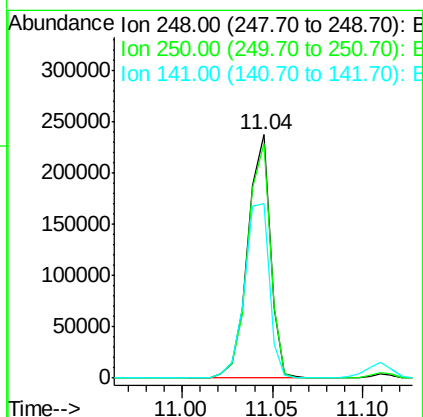
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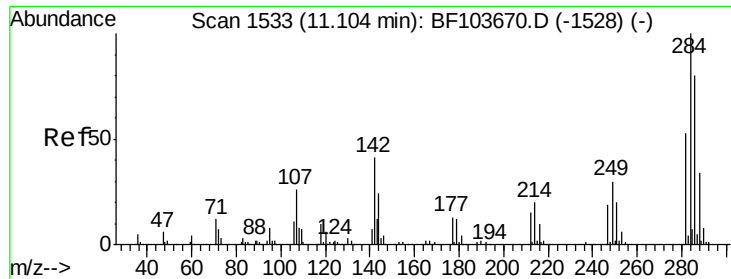
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#66
4-Bromophenyl-phenylether
Concen: 40.376 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	207151		
250	96.4	76.9	115.3	
141	71.5	74.4	111.6	





#67

Hexachlorobenzene

Concen: 38.818 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

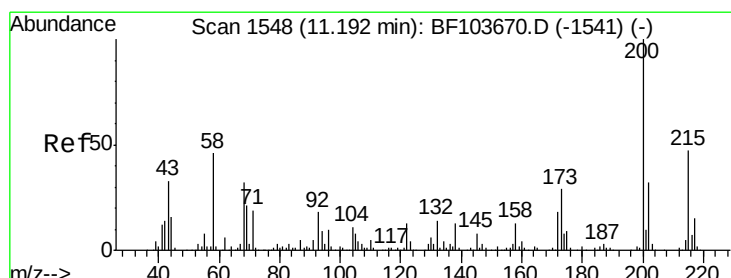
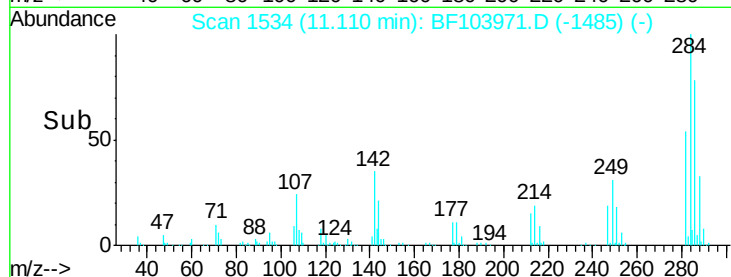
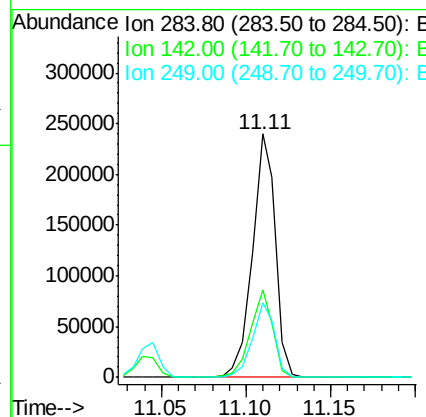
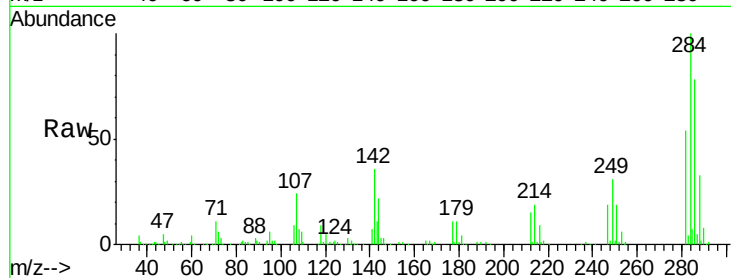
ClientSampleId :

PB107636BS

Tot Ion:	284	Resp:	227307
Ion Ratio	Lower	Upper	
284	100		
142	35.9	34.6	52.0
249	30.8	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 39.919 ng

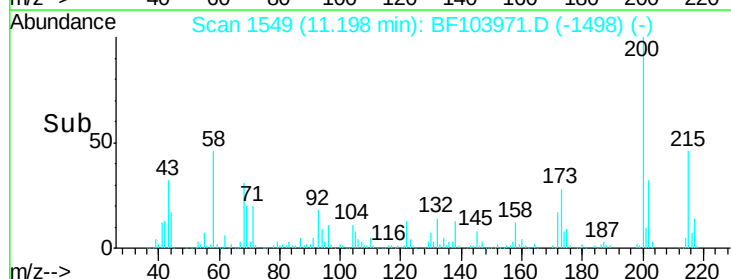
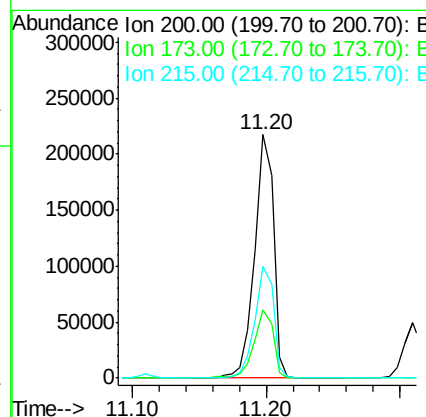
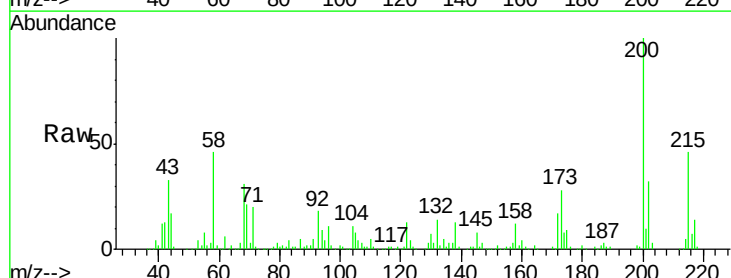
RT: 11.20 min Scan# 1549

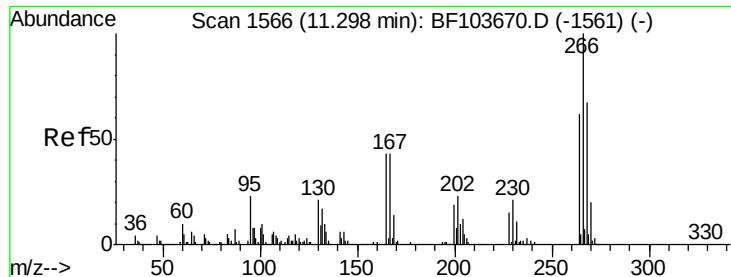
Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	200	Resp:	210037
Ion Ratio	Lower	Upper	
200	100		
173	28.2	8.6	48.6
215	45.8	25.1	65.1





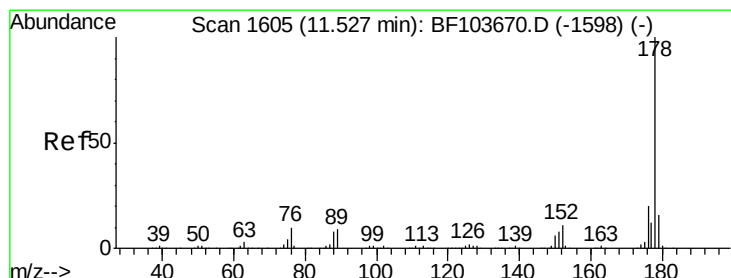
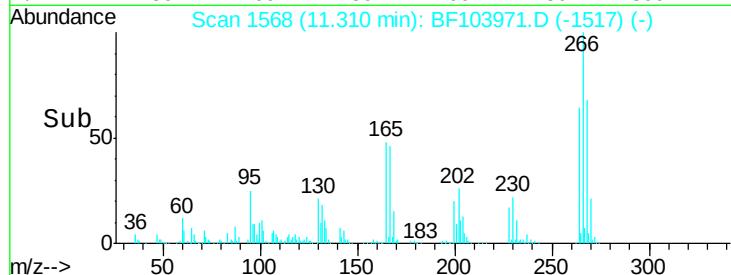
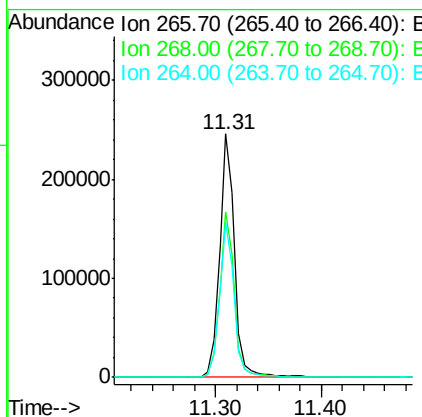
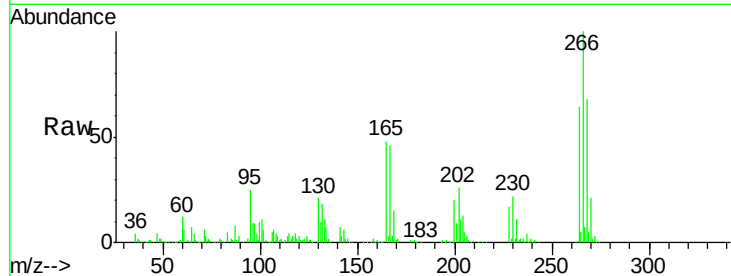
#69
 Pentachlorophenol
 Concen: 73.178 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.2	51.1	76.7
264	63.7	49.5	74.3

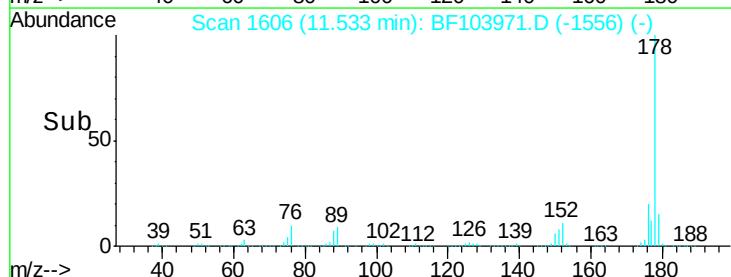
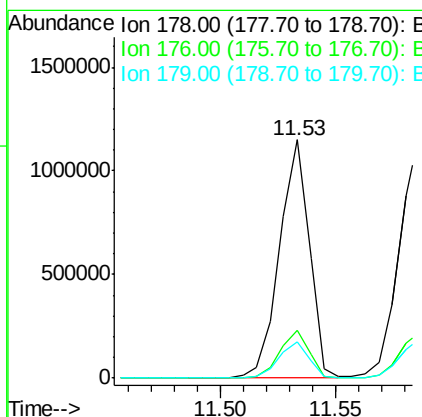
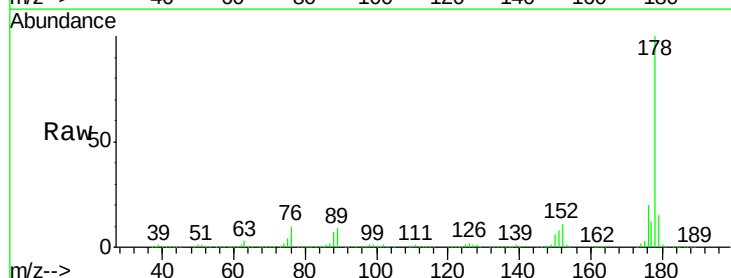
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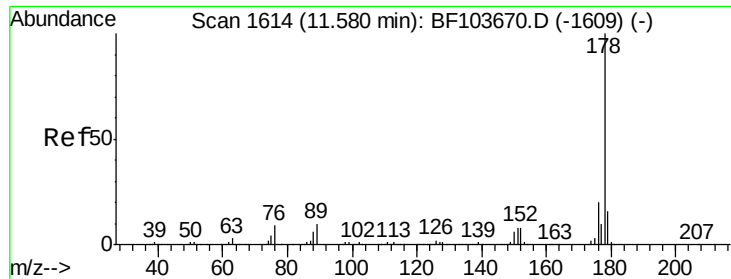
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#70
 Phenanthrene
 Concen: 37.515 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6





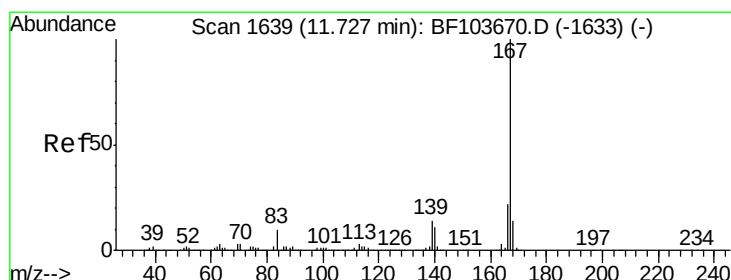
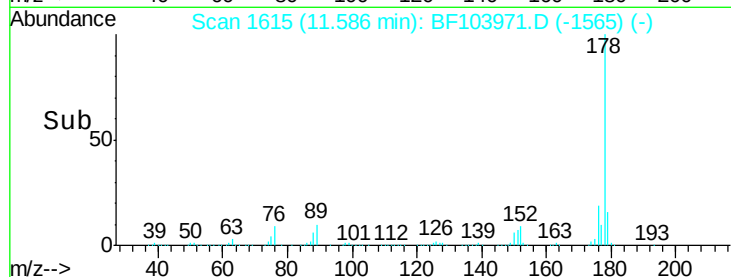
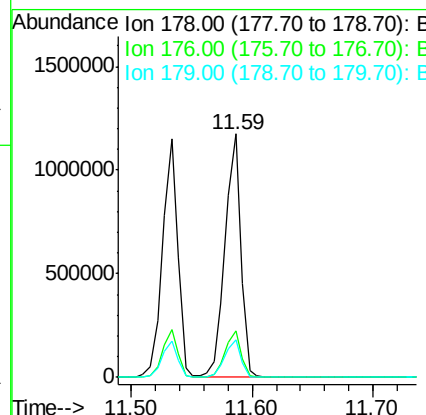
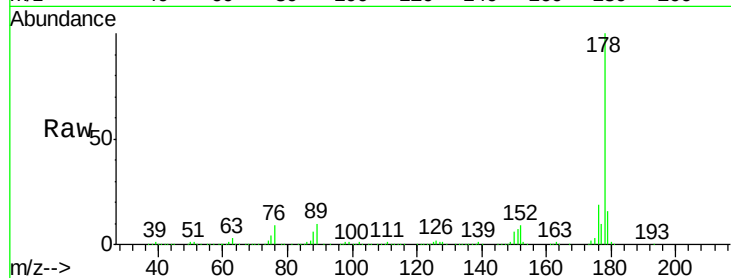
#71
 Anthracene
 Concen: 38.381 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.0	15.4	23.2	
179	15.5	12.6	19.0	

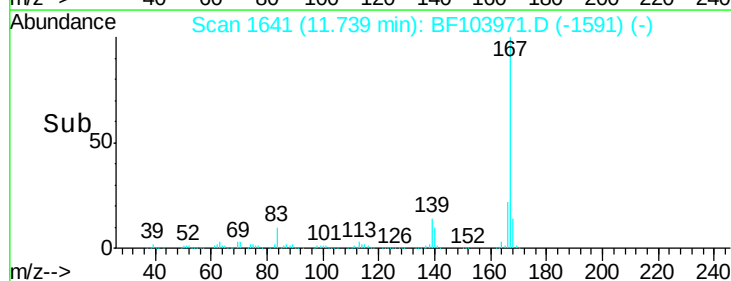
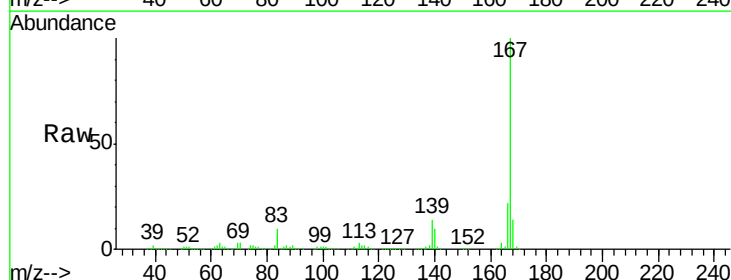
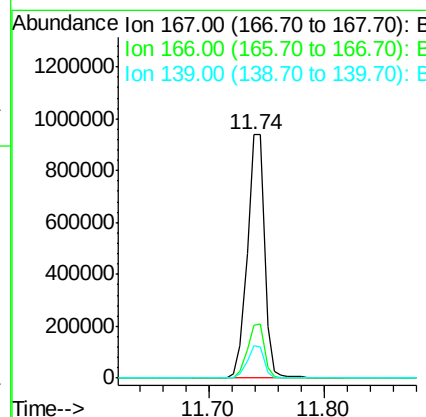
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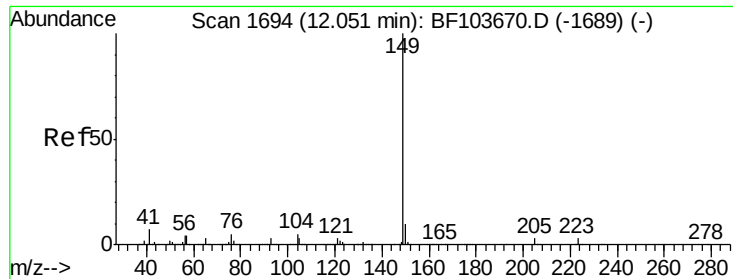
Sohil
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#72
 Carbazole
 Concen: 36.311 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.8	17.6	26.4	
139	13.5	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 37.540 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

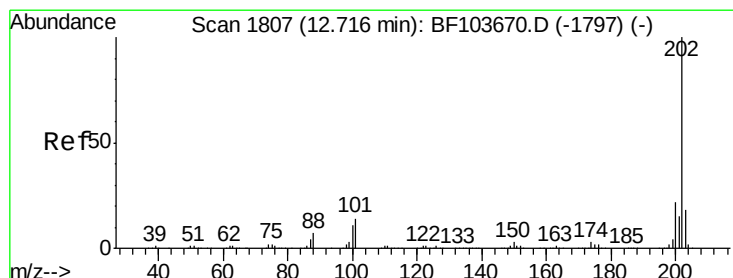
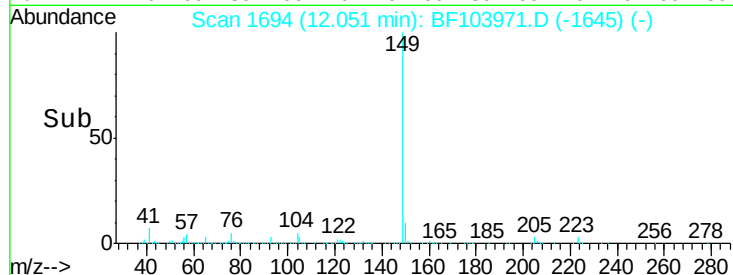
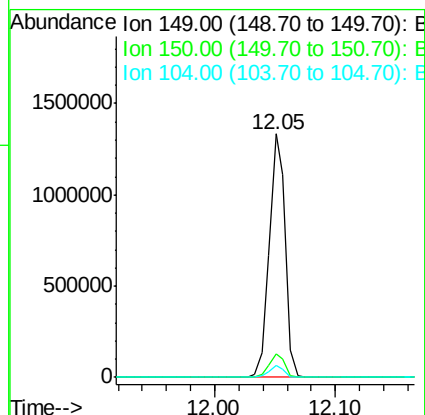
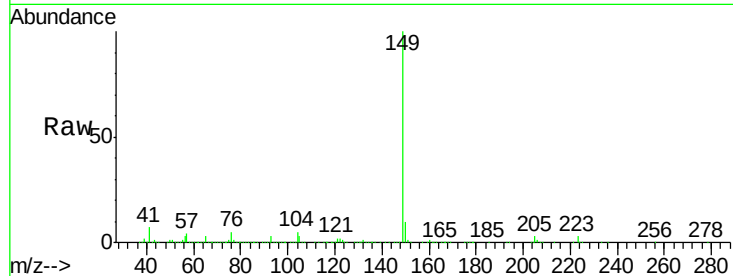
ClientSampleId :

PB107636BS

Tot Ion:	149	Resp:	1215442
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 38.144 ng

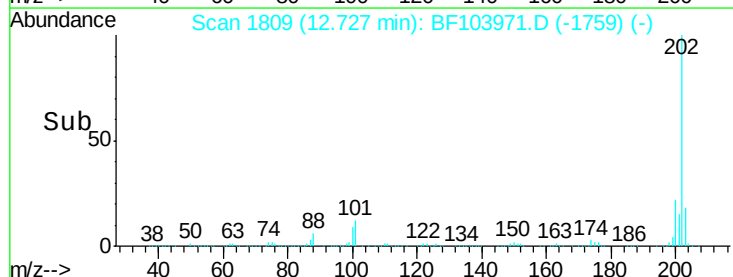
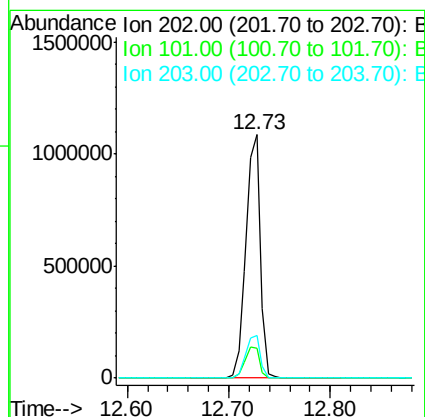
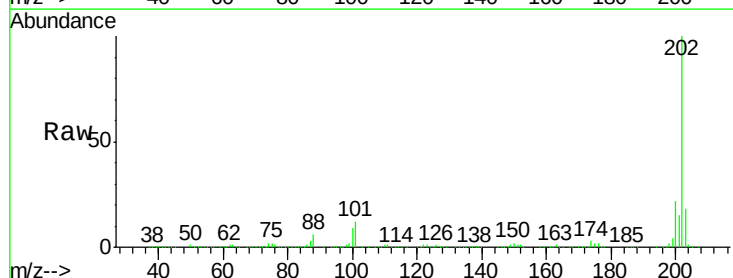
RT: 12.73 min Scan# 1809

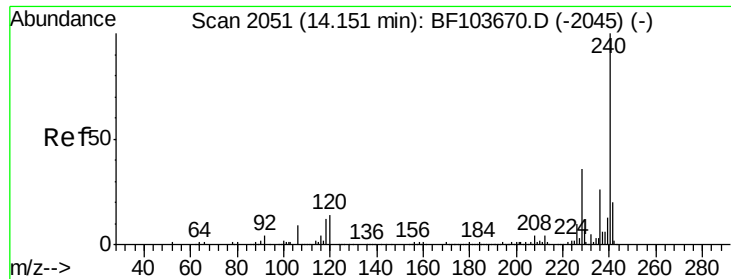
Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	202	Resp:	1074171
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

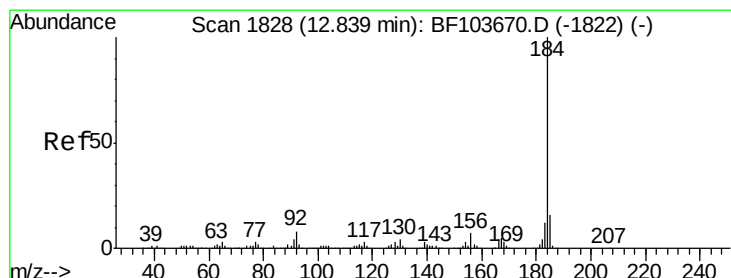
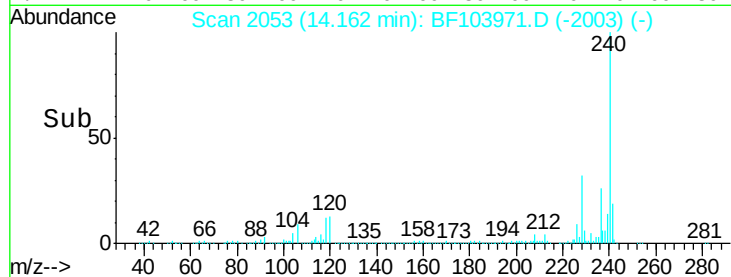
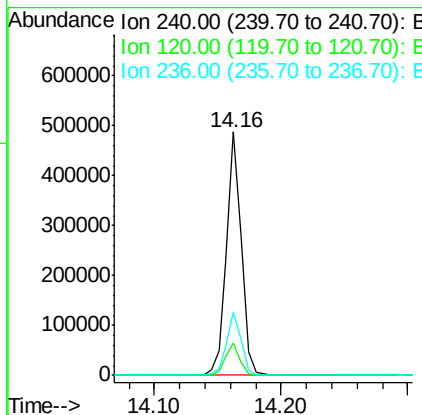
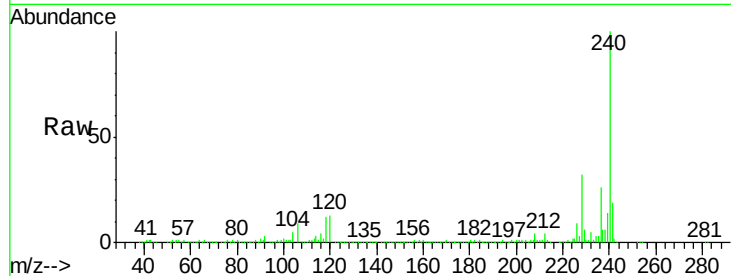
ClientSampleId :

PB107636BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	26.2	20.7	31.1

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#76

Benzidine

Concen: 13.319 ng

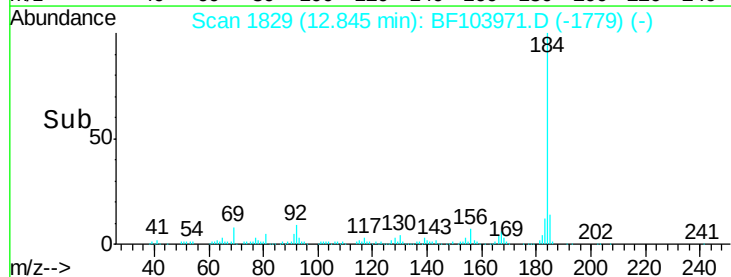
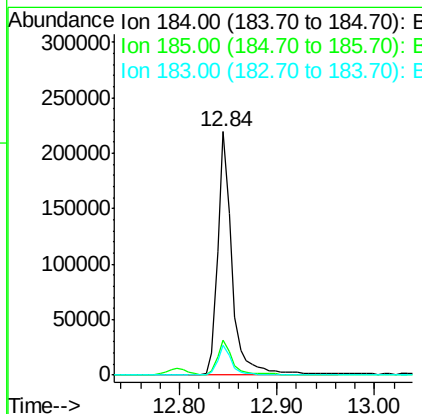
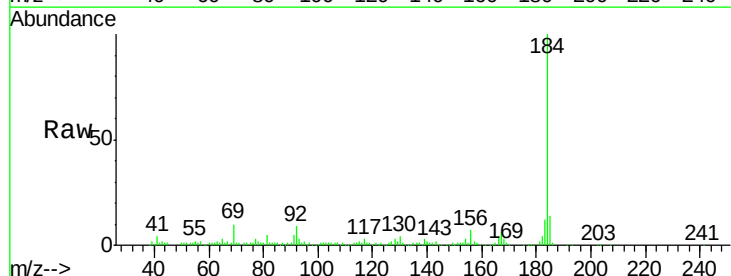
RT: 12.84 min Scan# 1829

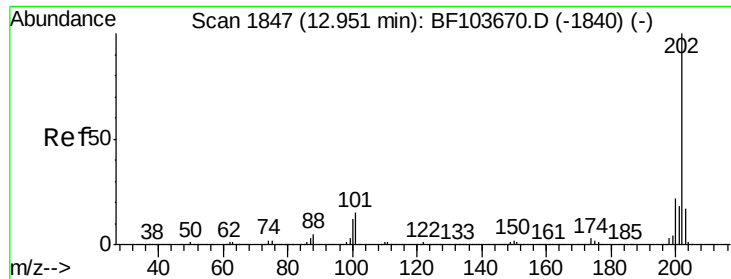
Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	12.3	9.3	13.9





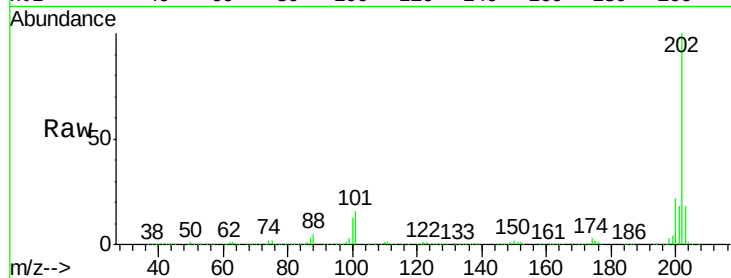
#77
Pvrene
Concen: 37.195 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

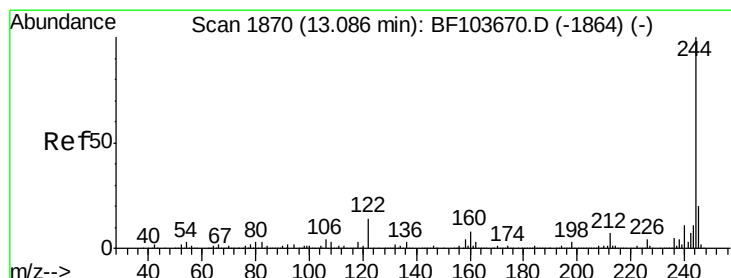
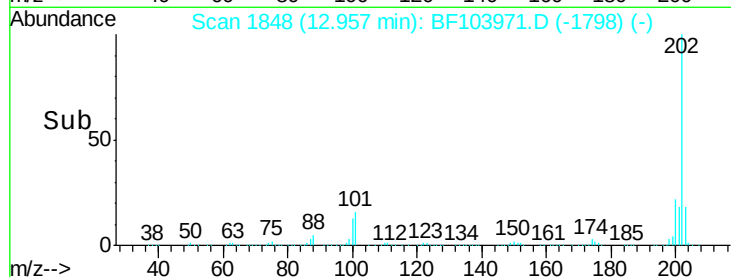
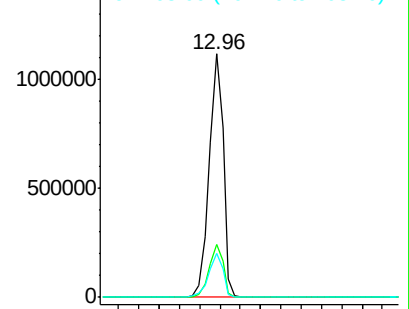
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.1	14.3	21.5

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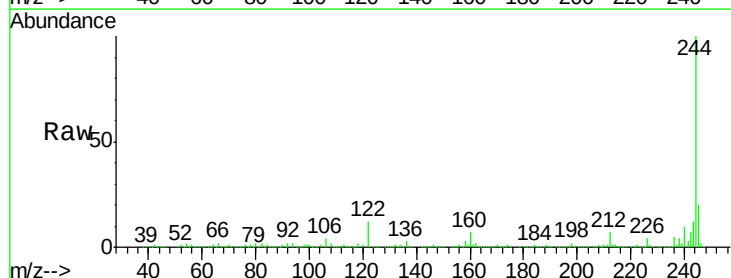


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

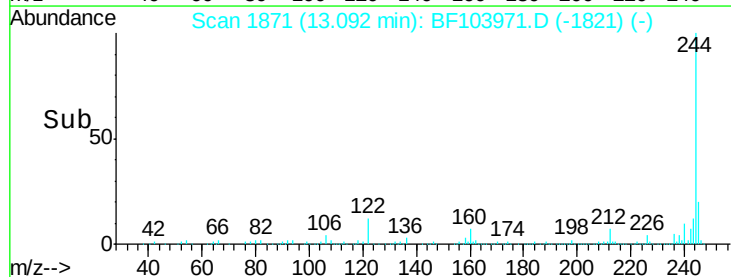
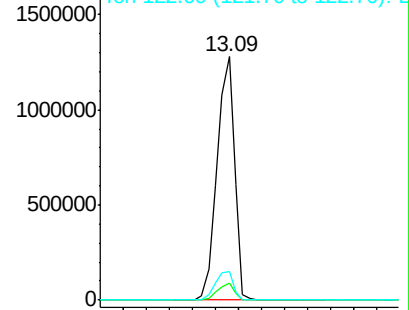


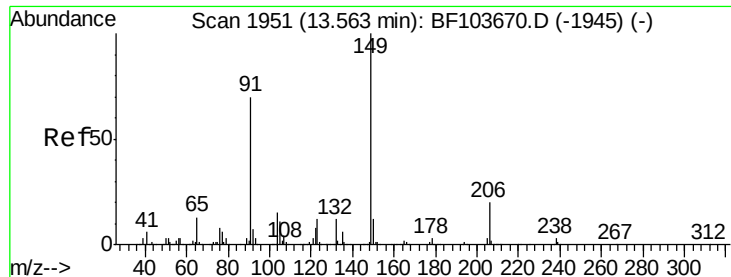
#78
Terphenyl-d14
Concen: 78.561 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





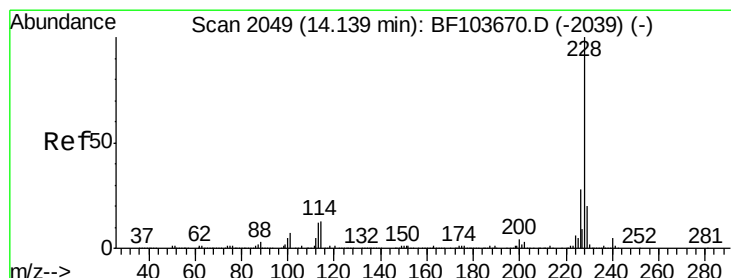
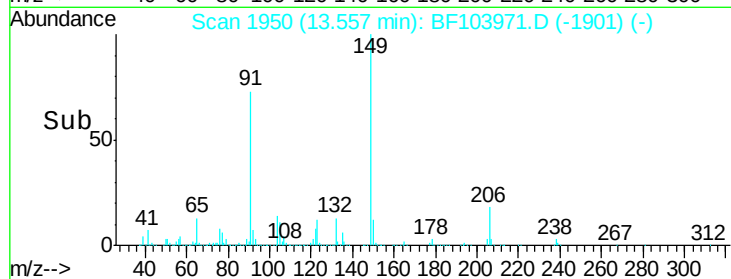
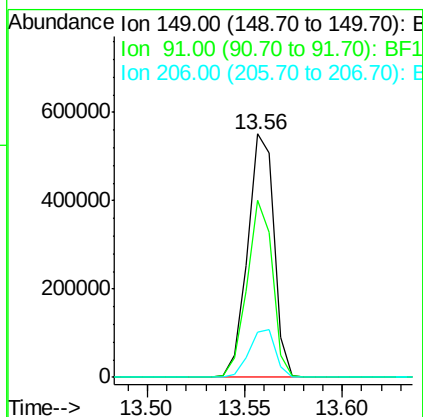
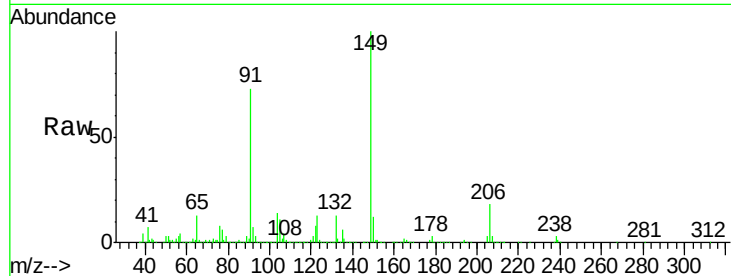
#79
Butylbenzylphthalate
Concen: 40.095 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.7	56.8	85.2
206	18.3	14.1	21.1

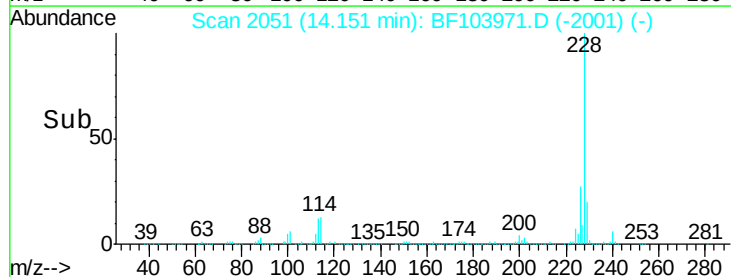
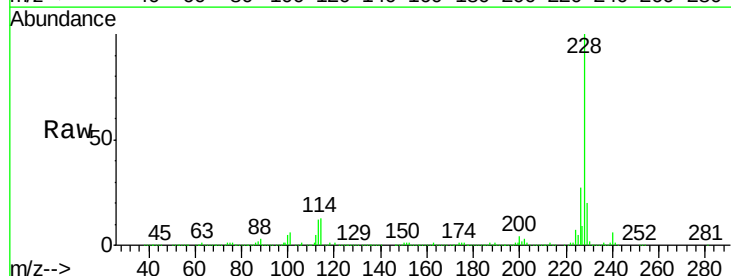
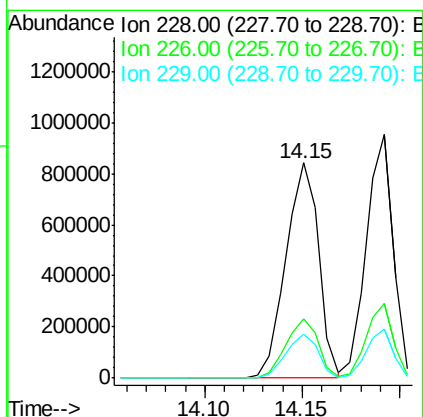
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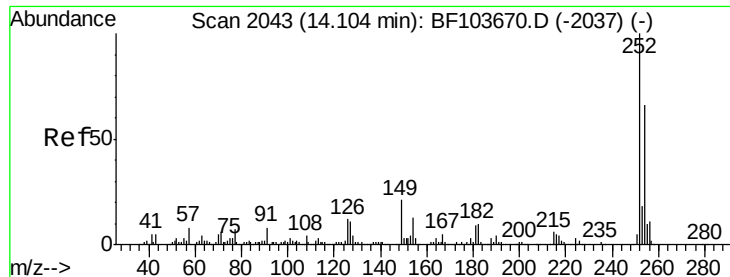
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#80
Benzo(a)anthracene
Concen: 38.848 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.4	15.8	23.6





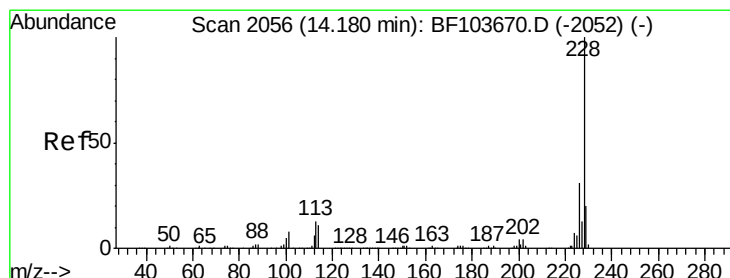
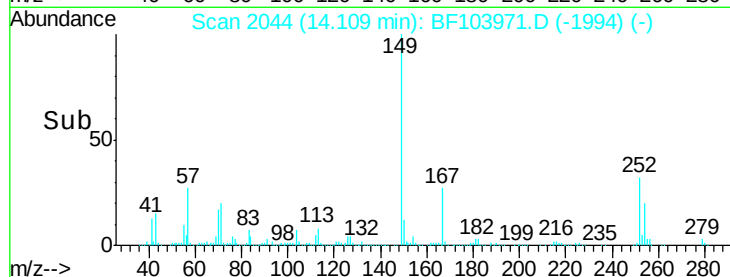
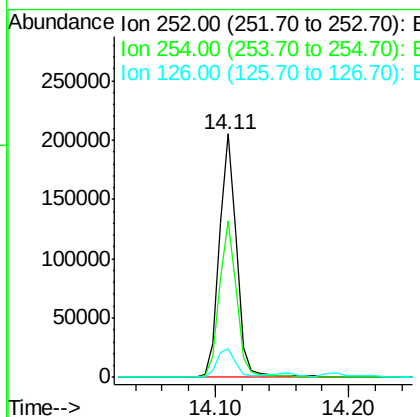
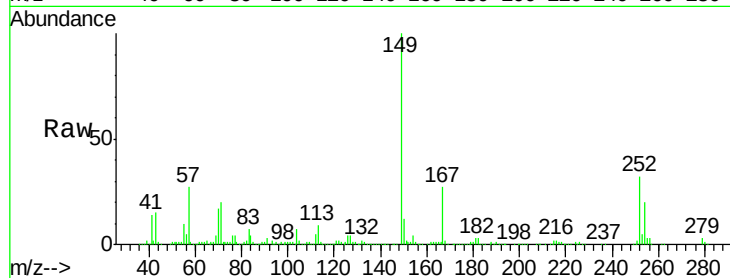
#81
 3,3'-Dichlorobenzidine
 Concen: 22.451 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampled :
 PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	188460		
254	64.4	50.4	75.6	
126	12.0	11.3	16.9	

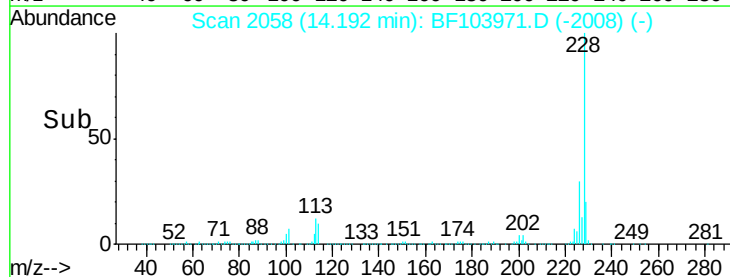
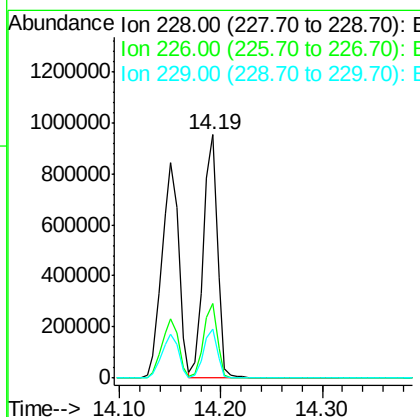
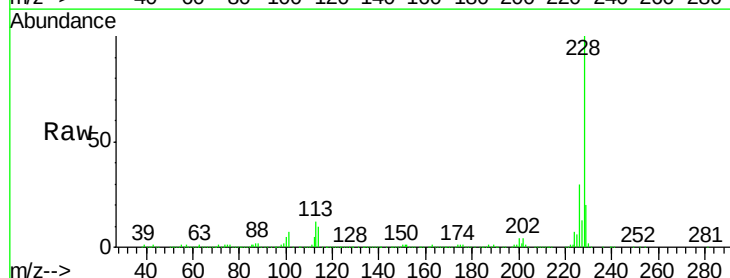
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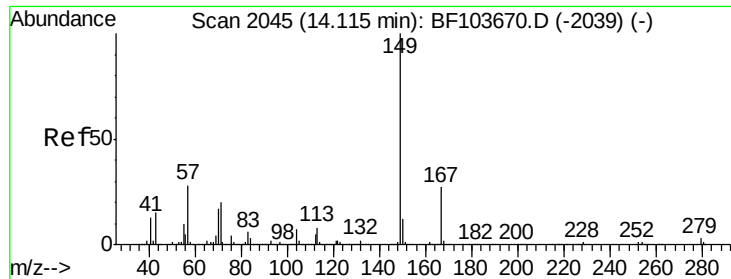
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#82
 Chrysene
 Concen: 38.175 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	913229		
226	30.5	25.0	37.6	
229	20.0	16.2	24.4	





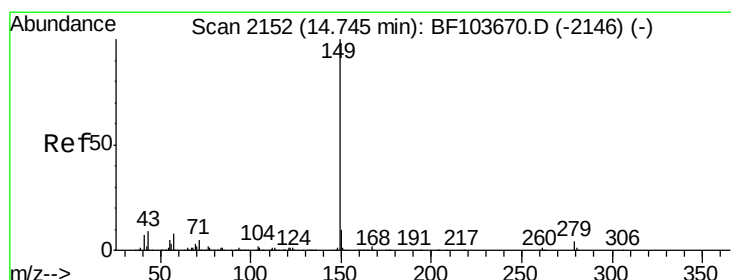
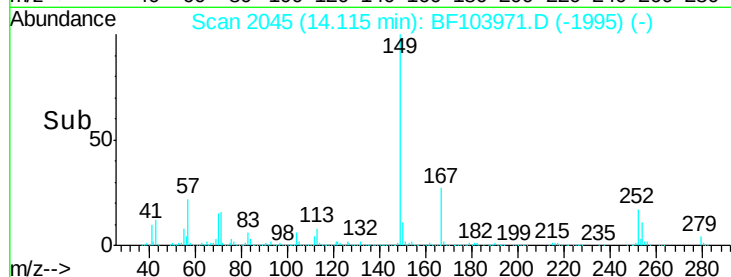
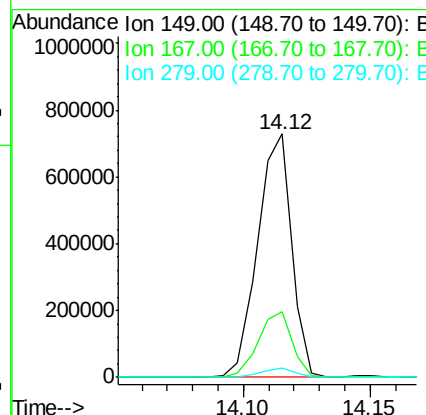
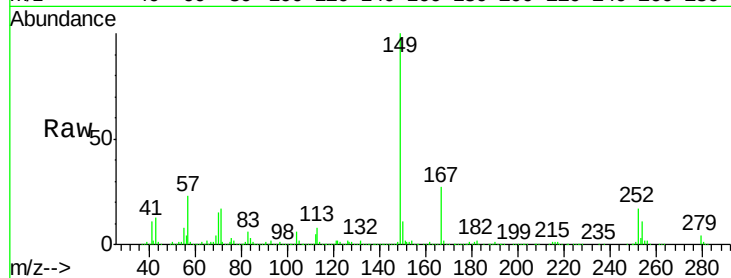
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.008 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.9	3.0	4.4

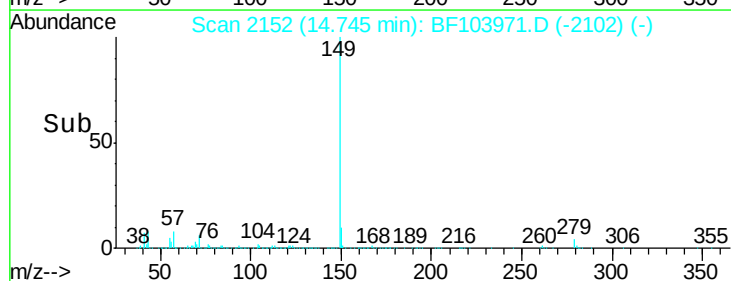
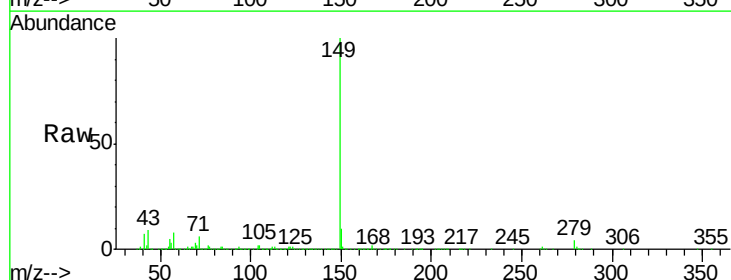
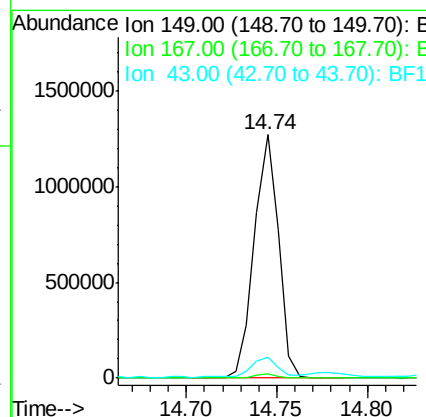
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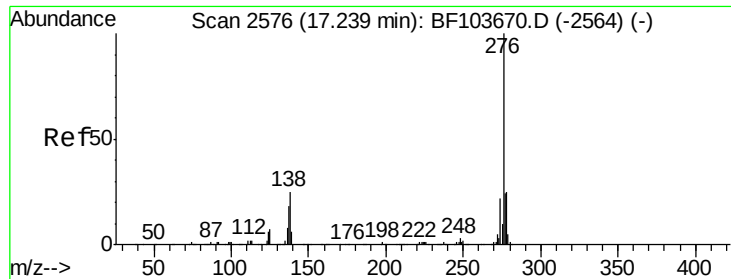
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#84
 Di-n-octyl phthalate
 Concen: 44.303 ng
 RT: 14.74 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	8.4	12.6





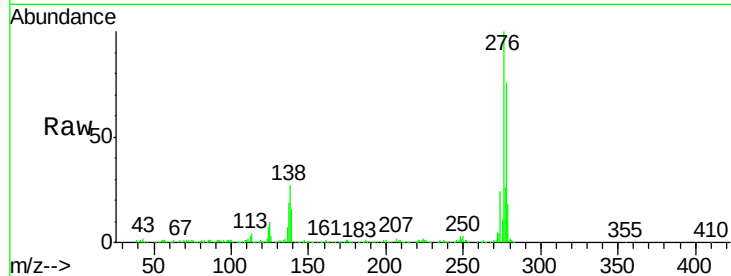
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.671 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	25.7	20.1	30.1

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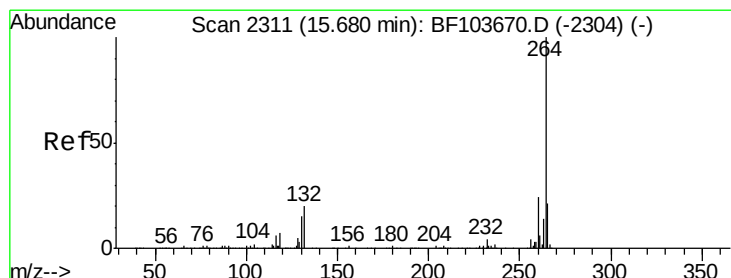
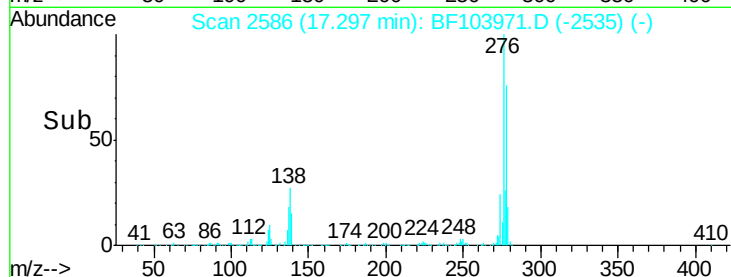
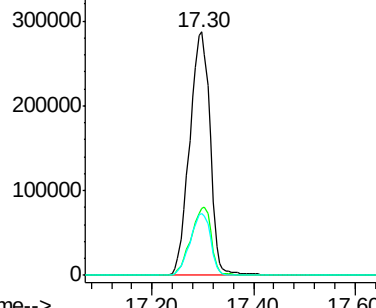


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

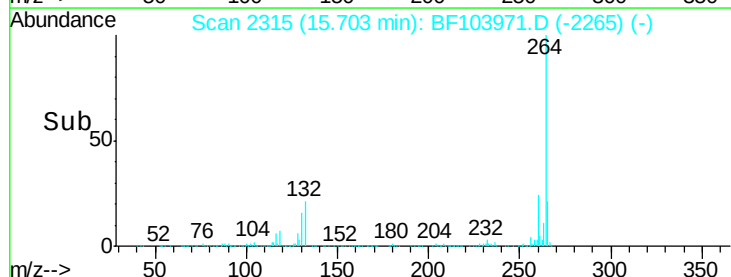
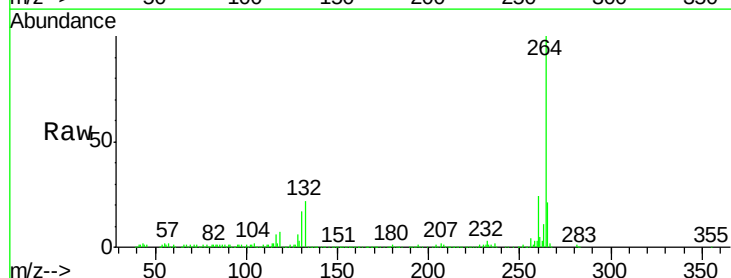
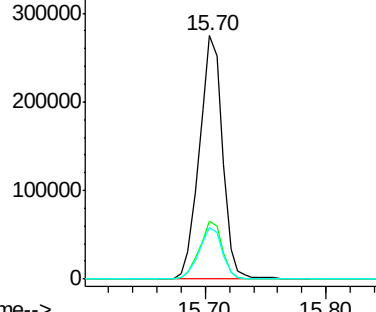
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3

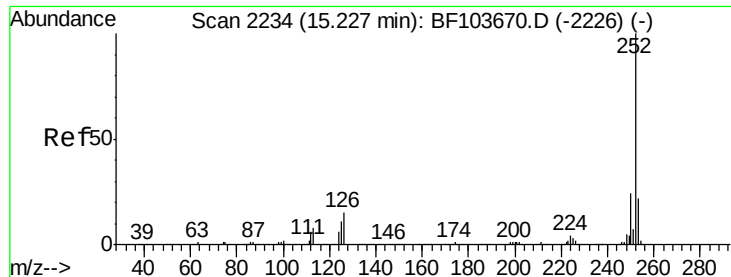
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





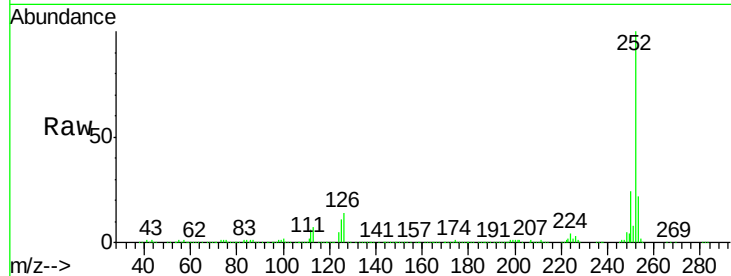
#87
Benzo(b)fluoranthene
Concen: 39.050 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampled :
PB107636BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.1	9.0	13.6

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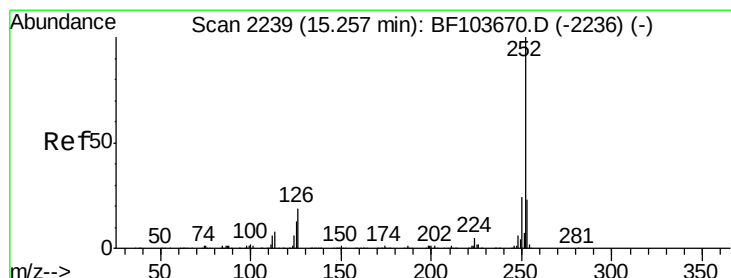
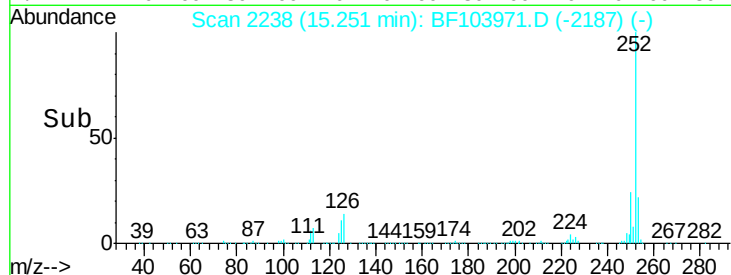
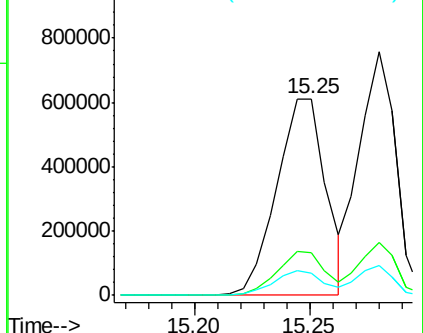


Abundance

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



#88
Benzo(k)fluoranthene
Concen: 38.028 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

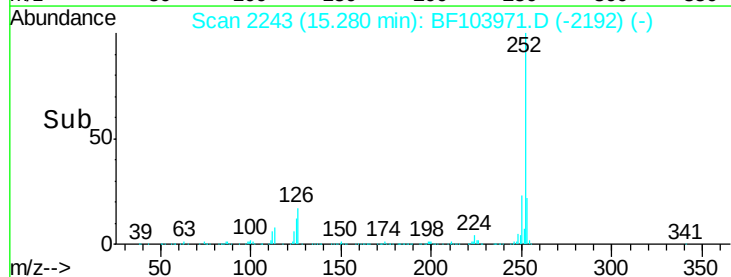
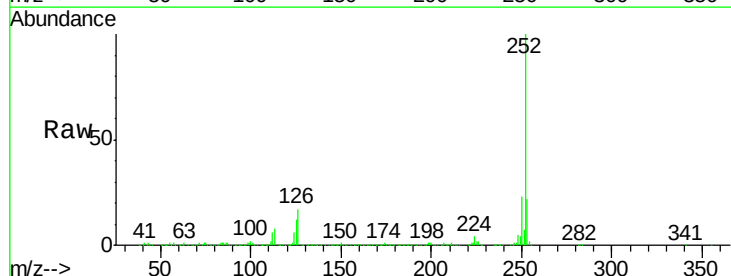
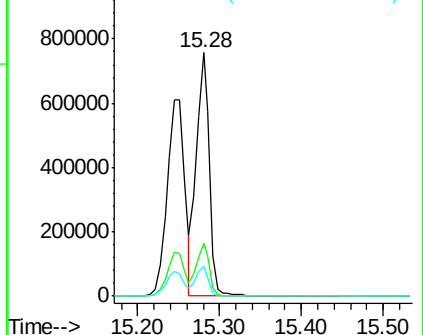
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.2	10.2	15.2

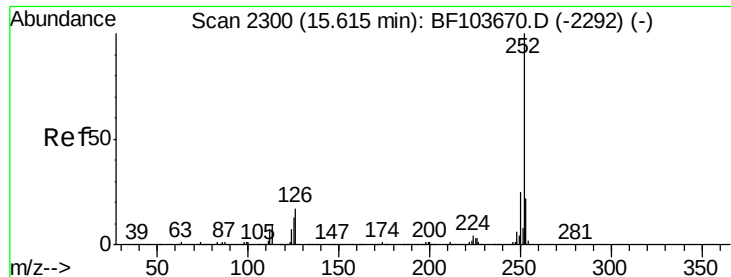
Abundance

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





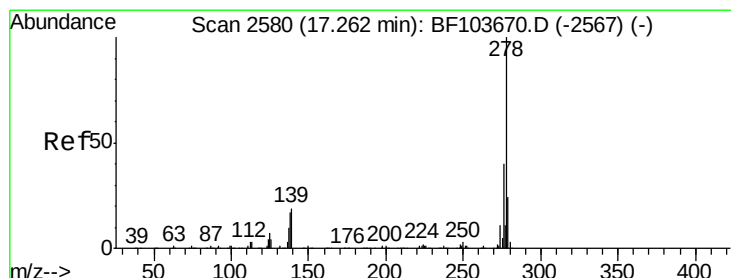
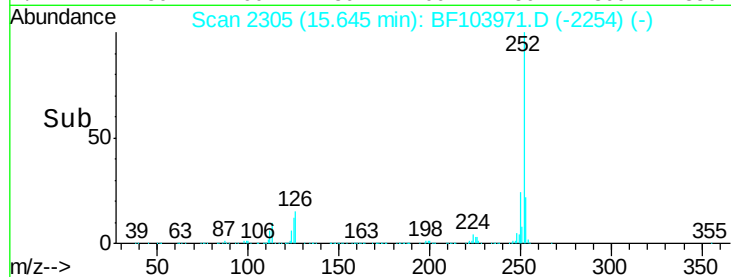
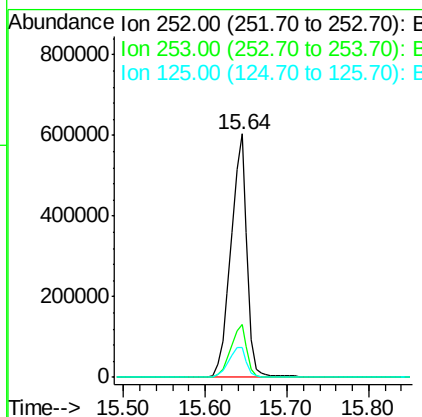
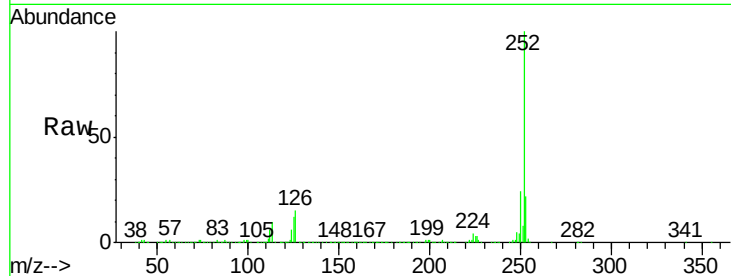
#89
Benzo(a)pyrene
Concen: 39.180 ng
RT: 15.64 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	12.5	9.8	14.6

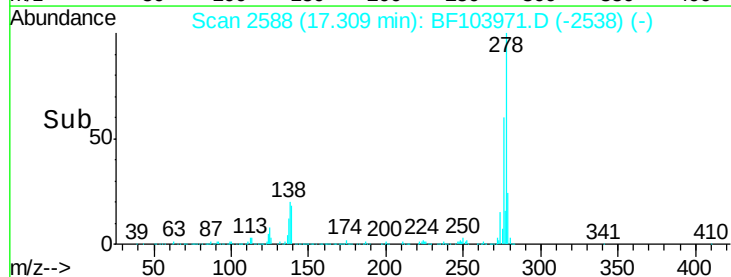
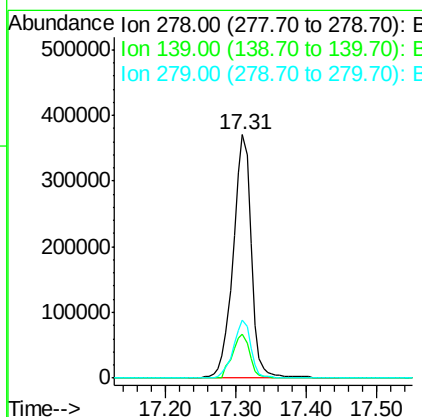
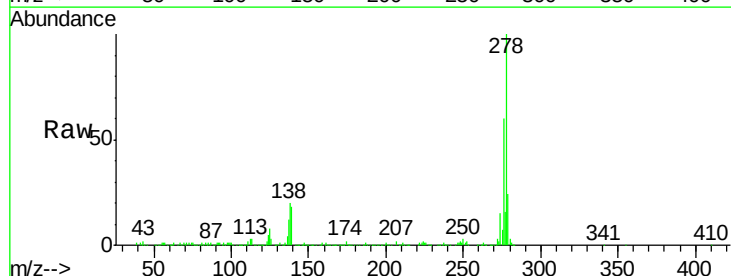
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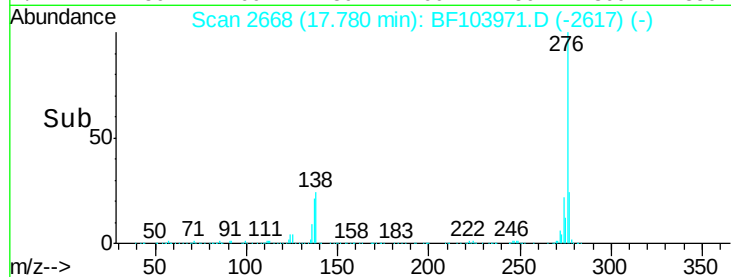
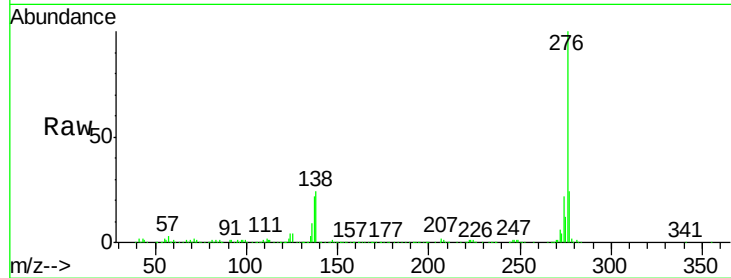
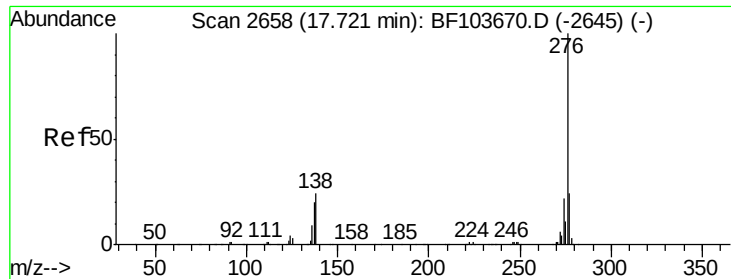
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#90
Dibenzo(a,h)anthracene
Concen: 36.493 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.230 ng
 RT: 17.78 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion:	276	Resp:	658722
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.9	26.9
138	24.3	21.8	32.8

Manual Integrations
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