

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103914.D
 Acq On : 26 Mar 2018 10:01
 Operator : JU/SJ
 Sample : PB107596BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:15:21 PM

Quant Time: Mar 27 07:28:09 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	150482	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	615630	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	290557	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	534436	20.00	ng	0.00
75) Chrysene-d12	14.17	240	439431	20.00	ng	0.00
86) Perylene-d12	15.72	264	408064	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1051076	106.24	ng	0.02
7) Phenol-d6	6.60	99	1274832	105.32	ng	0.00
23) Nitrobenzene-d5	7.54	82	788215	89.29	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	346445	138.68	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1424910	78.23	ng	0.00
78) Terphenyl-d14	13.10	244	1460076	77.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	131870	27.069	ng	# 89
3) Pyridine	3.68	79	378939	28.280	ng	88
4) n-Nitrosodimethylamine	3.64	42	140779	28.494	ng	# 76
6) Aniline	6.64	93	182968	10.586	ng	97
8) 2-Chlorophenol	6.76	128	362056	34.933	ng	94
9) Benzaldehyde	6.53	77	95099	11.959	ng	94
10) Phenol	6.62	94	424997	33.043	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	336214	31.665	ng	93
12) 1,3-Dichlorobenzene	6.92	146	378015	32.024	ng	97
13) 1,4-Dichlorobenzene	6.99	146	382196	32.221	ng	99
14) 1,2-Dichlorobenzene	7.15	146	356608	32.398	ng	100
15) Benzyl Alcohol	7.11	79	305460	32.570	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	433241	28.688	ng	92
17) 2-Methylphenol	7.22	107	302422	32.767	ng	98
18) Hexachloroethane	7.49	117	137705	33.004	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	234019	30.168	ng	94
20) 3+4-Methylphenols	7.37	107	367913	31.411	ng	95
22) Acetophenone	7.38	105	468524	29.612	ng	# 96
24) Nitrobenzene	7.56	77	362939	35.019	ng	98
25) Isophorone	7.79	82	668590	32.716	ng	99
26) 2-Nitrophenol	7.87	139	198784	49.937	ng	# 89
27) 2,4-Dimethylphenol	7.90	122	335164	38.283	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	430614	34.797	ng	100
29) 2,4-Dichlorophenol	8.11	162	300754	37.759	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	308037	33.343	ng	99
31) Naphthalene	8.28	128	1019054	32.769	ng	100
32) Benzoic acid	8.02	122	201452	35.787	ng	96
33) 4-Chloroaniline	8.32	127	73697	5.649	ng	95
34) Hexachlorobutadiene	8.39	225	163625	32.304	ng	98
35) Caprolactam	8.70	113	99758m	36.372	ng	
36) 4-Chloro-3-methylphenol	8.80	107	322400	36.716	ng	100
37) 2-Methylnaphthalene	8.97	142	681693	34.566	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	286698	34.587	ng	99
40) Hexachlorocyclopentadiene	9.12	237	304006	71.075	ng	99

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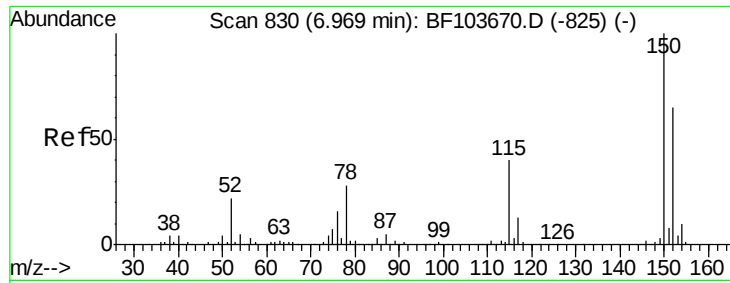
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	207979	39.226	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	220294	36.812	nq	96
45) 1,1'-Biphenyl	9.43	154	800855	33.055	nq	100
46) 2-Chloronaphthalene	9.46	162	639546	33.234	nq	100
47) 2-Nitroaniline	9.56	65	192142	39.564	nq	98
48) Acenaphthylene	9.88	152	969479	32.489	nq	100
49) Dimethylphthalate	9.73	163	761570	34.355	nq	100
50) 2,6-Dinitrotoluene	9.80	165	171001	40.550	nq	94
51) Acenaphthene	10.06	154	572204	32.294	nq	98
52) 3-Nitroaniline	9.97	138	65334	15.516	nq	90
53) 2,4-Dinitrophenol	10.08	184	167843	103.317	nq #	23
54) Dibenzofuran	10.23	168	875061	34.579	nq	100
55) 4-Nitrophenol	10.13	139	293056	72.691	nq	90
56) 2,4-Dinitrotoluene	10.21	165	229287	42.954	nq #	88
57) Fluorene	10.57	166	683469	34.806	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	176990	41.739	nq	93
59) Diethylphthalate	10.43	149	738377	33.559	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	317355	35.363	nq	98
61) 4-Nitroaniline	10.59	138	179283	37.163	nq	89
62) Azobenzene	10.72	77	691304	30.904	nq	91
64) 4,6-Dinitro-2-methylphenol	10.62	198	107409	52.334	nq	78
65) n-Nitrosodiphenylamine	10.67	169	611508	33.616	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	195540	35.635	nq	89
67) Hexachlorobenzene	11.12	284	216352	34.545	nq #	89
68) Atrazine	11.20	200	199890	35.521	nq	98
69) Pentachlorophenol	11.32	266	221179	61.429	nq	96
70) Phenanthrene	11.54	178	982881	33.620	nq	99
71) Anthracene	11.59	178	1012673	34.105	nq	99
72) Carbazole	11.75	167	949370	32.896	nq	99
73) Di-n-butylphthalate	12.06	149	1160135	33.502	nq	99
74) Fluoranthene	12.73	202	1040130	34.534	nq	99
76) Benzidine	12.85	184	223743	11.938	nq	99
77) Pyrene	12.96	202	1050170	32.542	nq	99
79) Butylbenzylphthalate	13.57	149	507940	35.525	nq	97
80) Benzo(a)anthracene	14.16	228	951598	34.211	nq	100
81) 3,3'-Dichlorobenzidine	14.12	252	125883	13.530	nq #	98
82) Chrysene	14.20	228	883989	33.338	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	691820	33.870	nq	100
84) Di-n-octyl phthalate	14.76	149	1152182	38.773	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.31	276	799360	34.521	nq	97
87) Benzo(b)fluoranthene	15.26	252	904724	35.093	nq	97
88) Benzo(k)fluoranthene	15.29	252	794109	32.044	nq	98
89) Benzo(a)pyrene	15.65	252	802191	34.306	nq	98
90) Dibenzo(a,h)anthracene	17.33	278	669341	33.058	nq	98
91) Benzo(g,h,i)perylene	17.80	276	658024	33.406	nq	96

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



#1

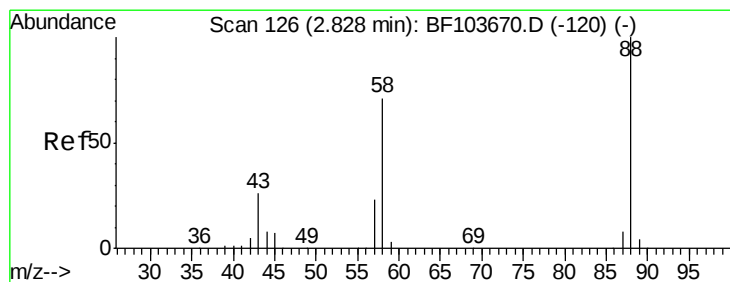
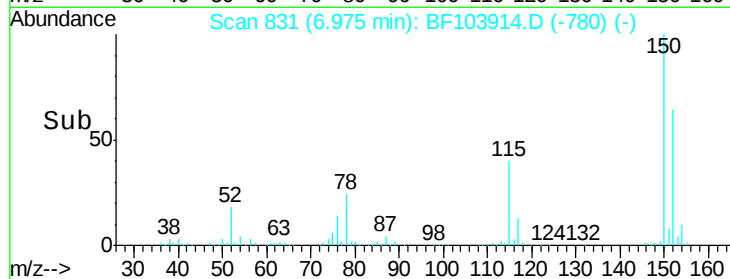
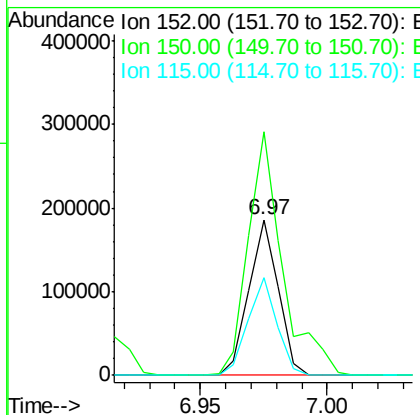
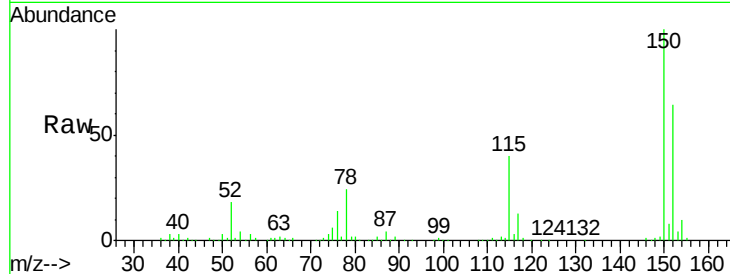
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	63.1	50.1	75.1

Manual Integrations
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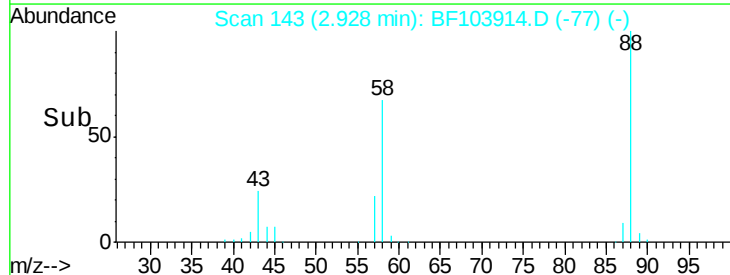
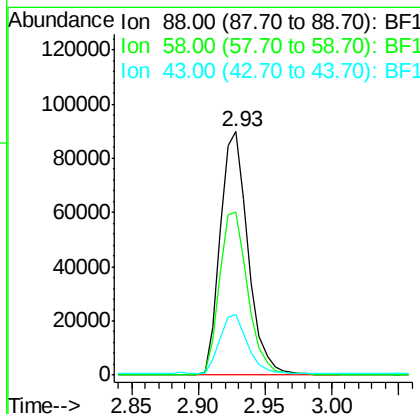
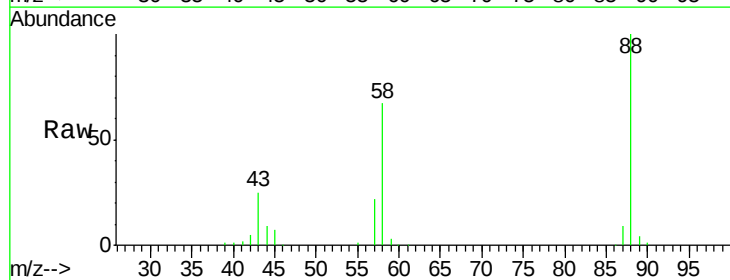
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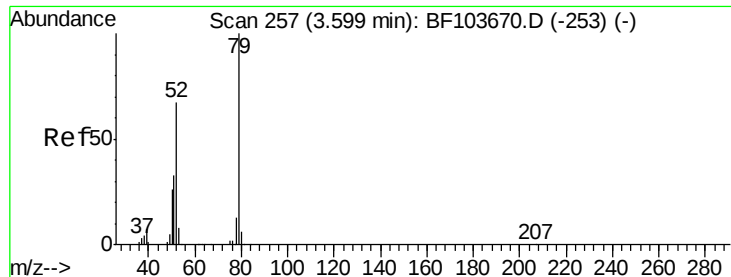


#2

1,4-Dioxane
Concen: 27.069 ng
RT: 2.93 min Scan# 143
Delta R.T. 0.09 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	62.6	93.8
43	24.0	24.6	37.0





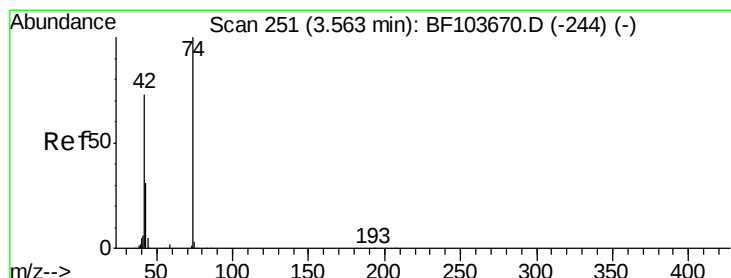
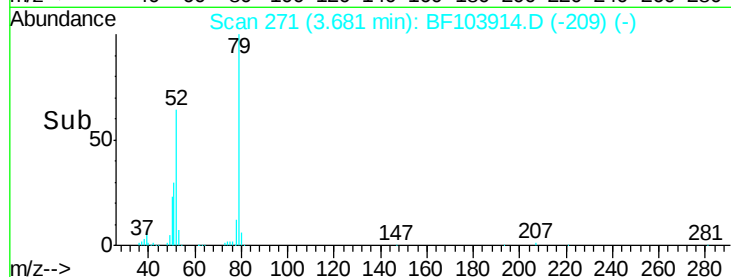
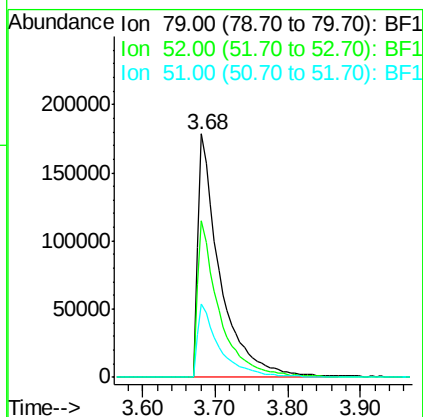
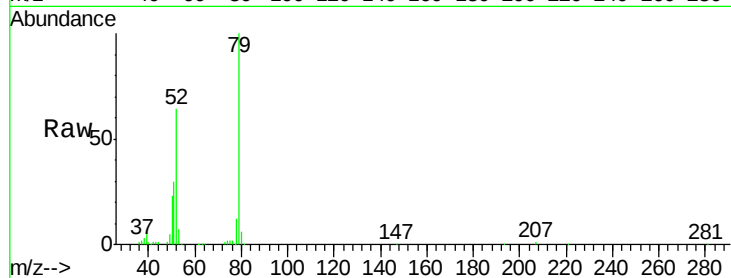
#3
 Pvrindine
 Concen: 28.280 ng
 RT: 3.68 min Scan# 271
 Delta R.T. 0.06 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.3	59.8	89.6
51	30.4	29.8	44.8

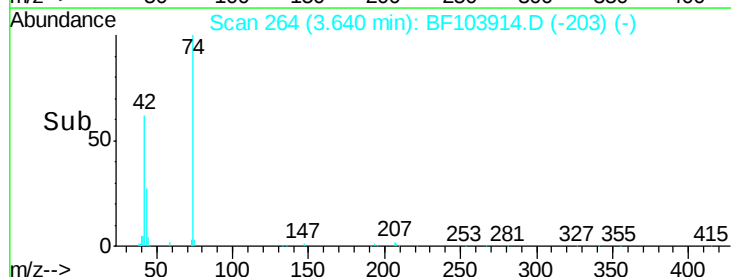
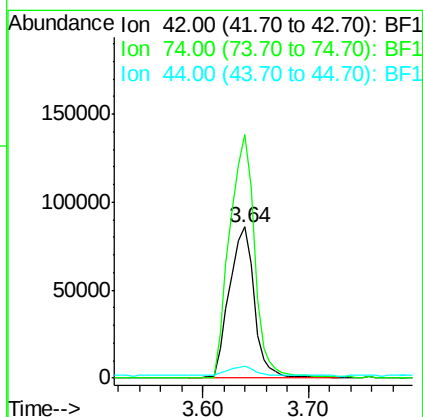
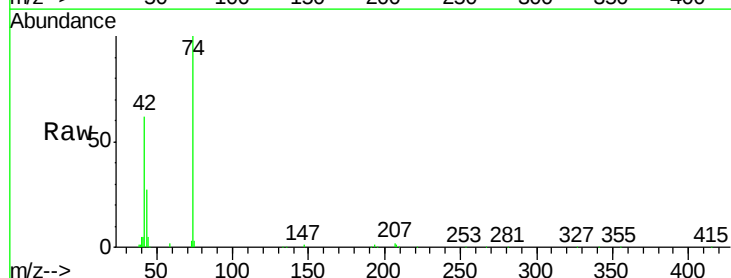
Manual Integrations
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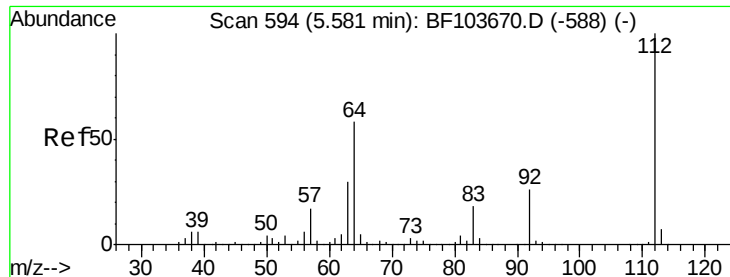
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 3/27/2018 2:15:21 PM



#4
 n-Nitrosodimethylamine
 Concen: 28.494 ng
 RT: 3.64 min Scan# 264
 Delta R.T. 0.06 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.1	104.9	157.3#
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 106.237 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.02 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

ClientSampleId :

PB107596BS

Tot Ion: 112 Resp: 1051076

Ion Ratio Lower Upper

112 100

64 54.7 47.9 71.9

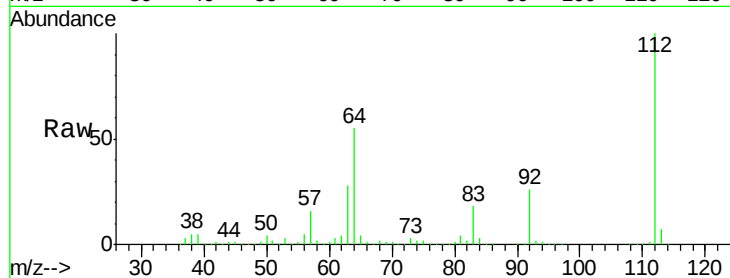
63 27.8 23.7 35.5

Manual Integrations

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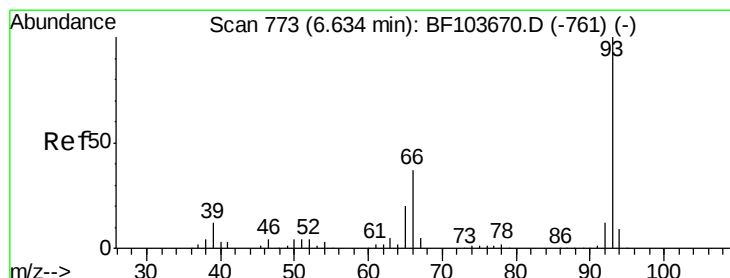
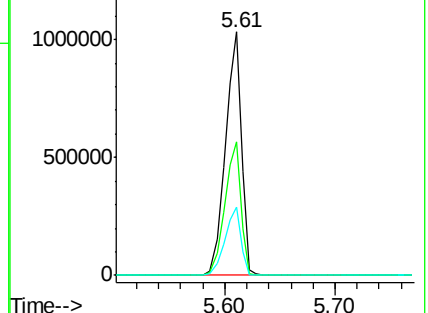
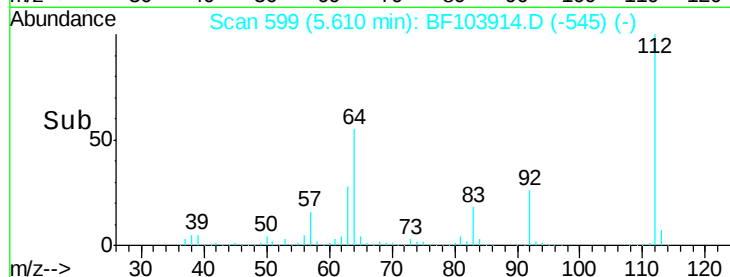
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.586 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

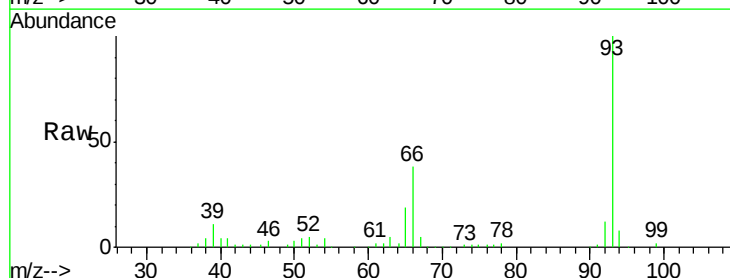
Tgt Ion: 93 Resp: 182968

Ion Ratio Lower Upper

93 100

66 37.7 32.2 48.2

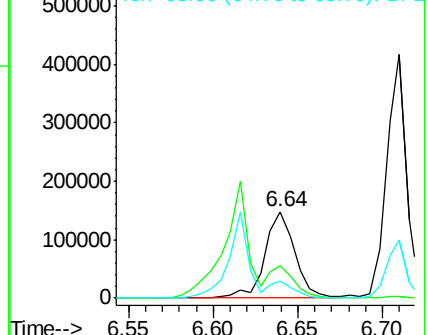
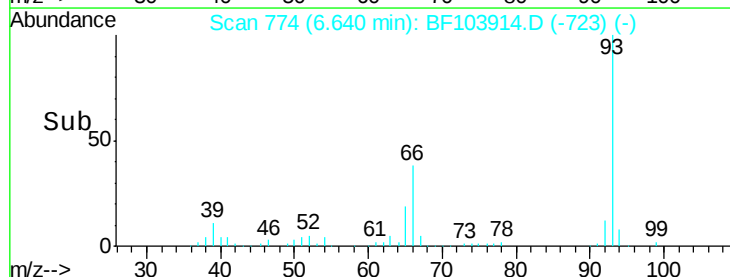
65 19.5 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.321 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

ClientSampled :

PB107596BS

Tot Ion: 99 Resp: 1274832

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

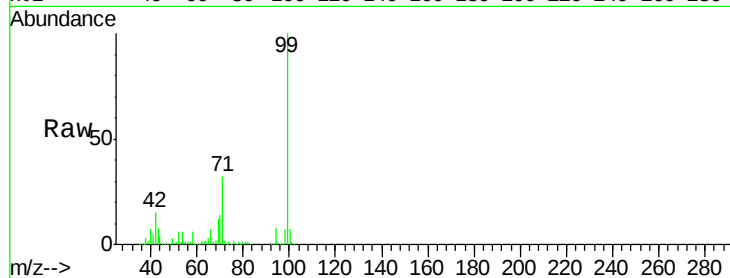
71 32.3 25.4 38.0

Manual Integrations

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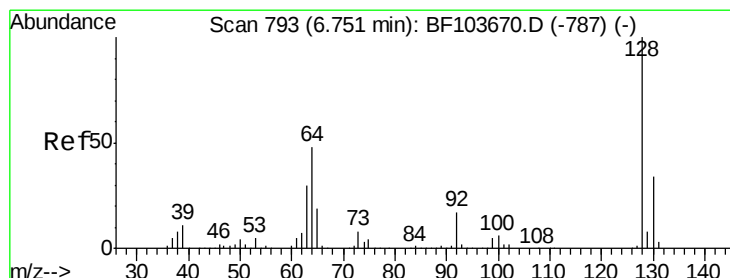
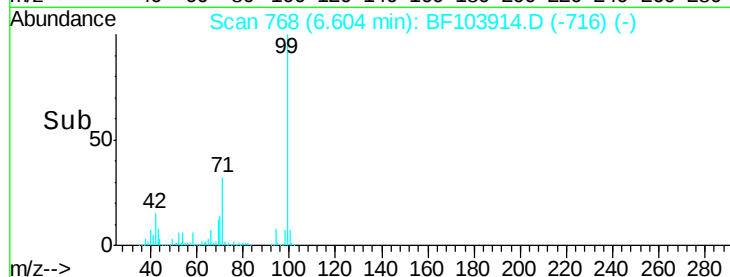
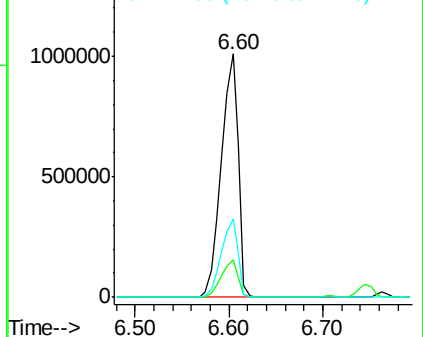
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.933 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

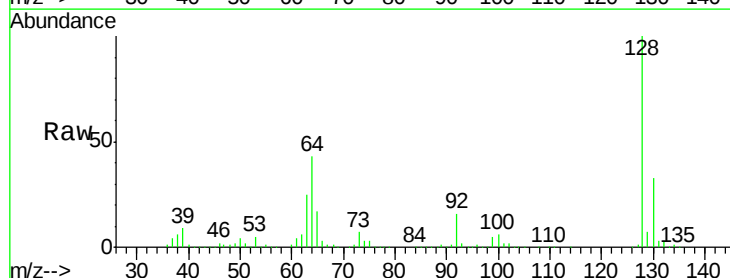
Tgt Ion: 128 Resp: 362056

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

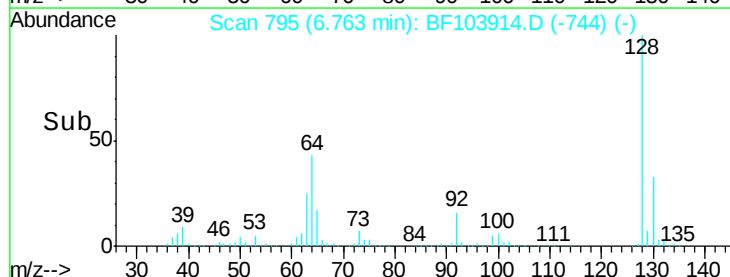
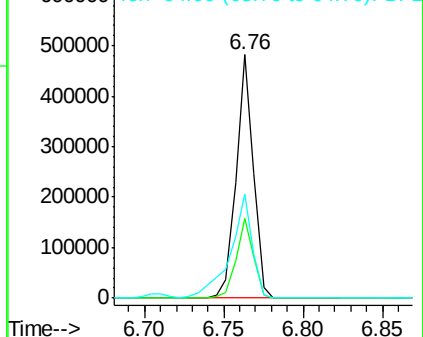
64 42.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.959 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

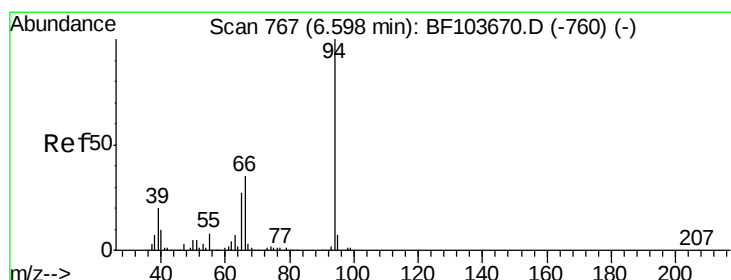
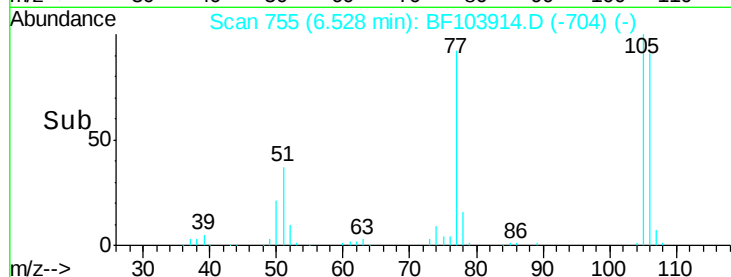
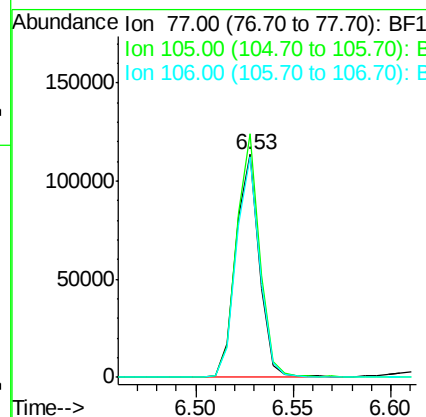
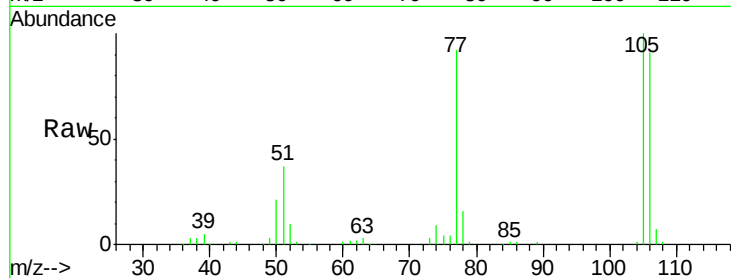
ClientSampleId :

PB107596BS

Tot Ion:	77	Resp:	95099
Ion	Ratio	Lower	Upper
77	100		
105	109.2	81.1	121.1
106	98.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 33.043 ng

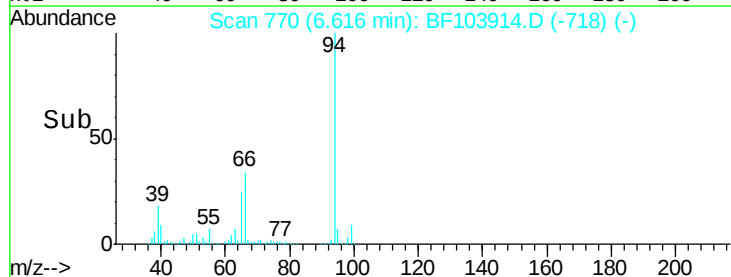
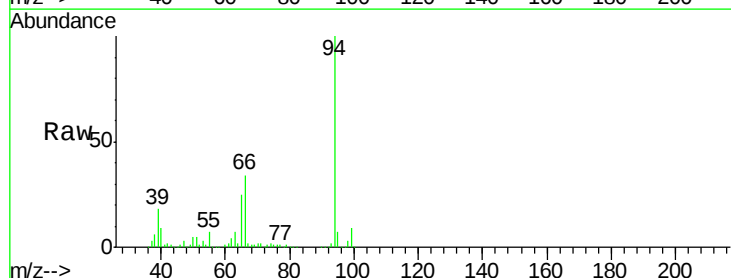
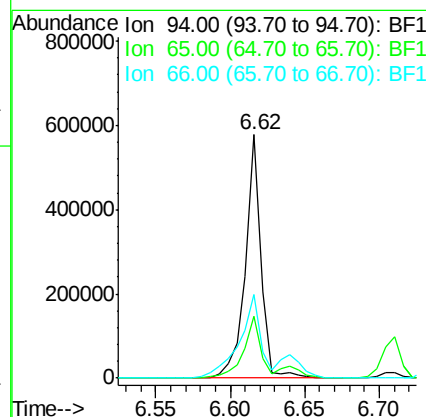
RT: 6.62 min Scan# 770

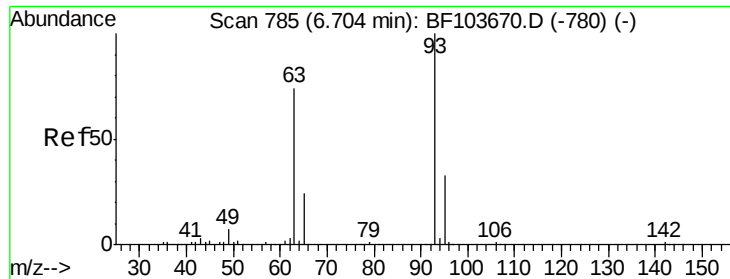
Delta R.T. 0.01 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Tgt Ion:	94	Resp:	424997
Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.9	47.9
66	34.5	16.2	56.2





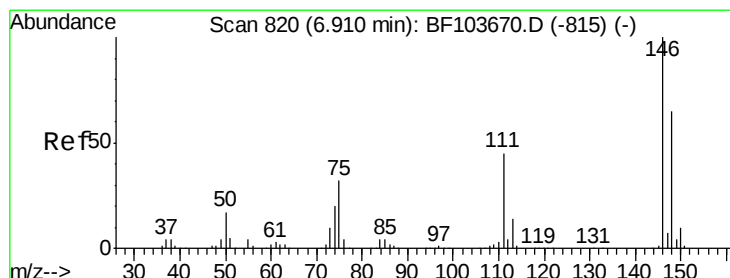
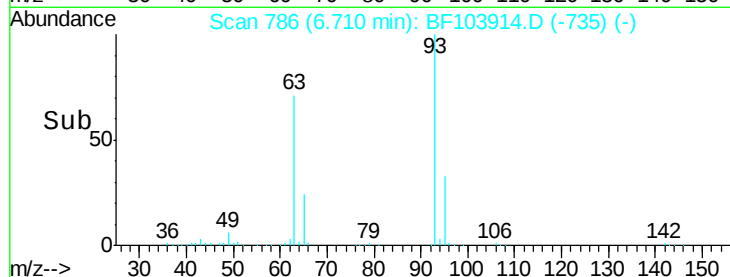
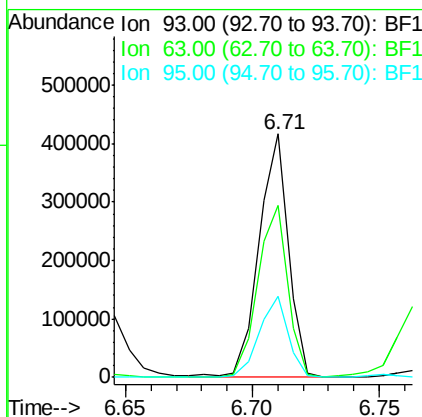
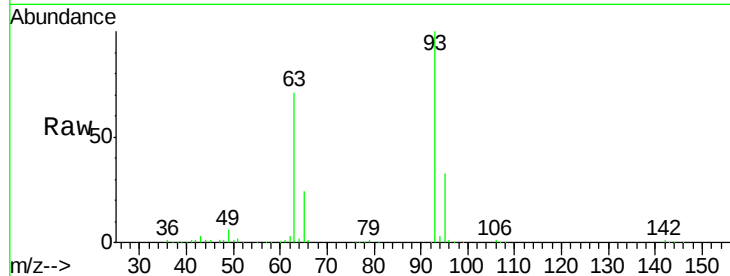
#11
bis(2-Chloroethyl)ether
Concen: 31.665 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.8	58.6	98.6
95	33.2	11.8	51.8

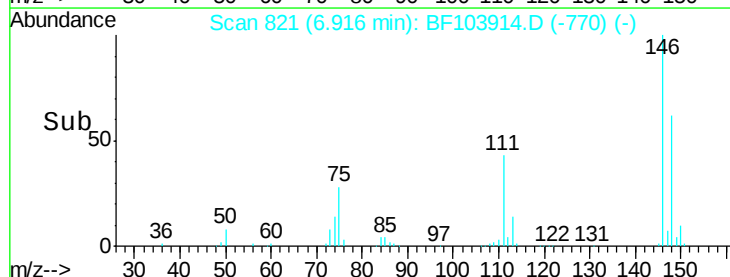
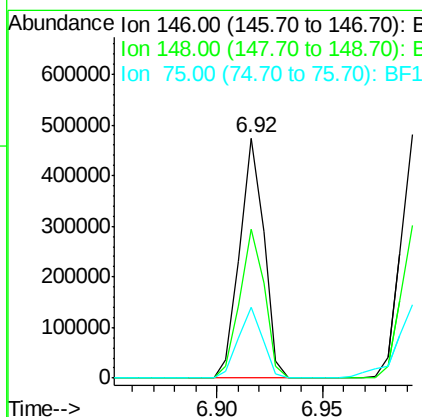
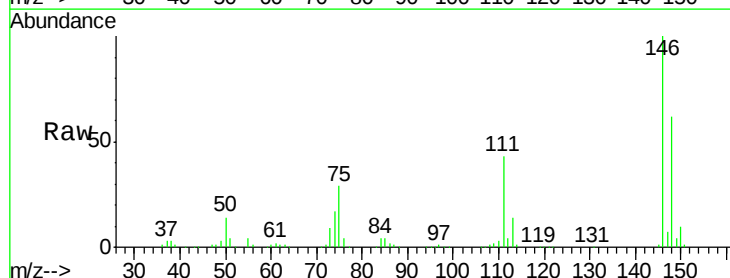
Manual Integrations
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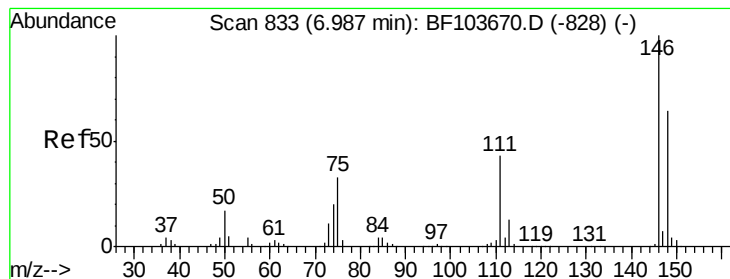
Sohil
3/27/2018 2:15:21 PM



#12
1,3-Dichlorobenzene
Concen: 32.024 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.8	77.8
75	29.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.221 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

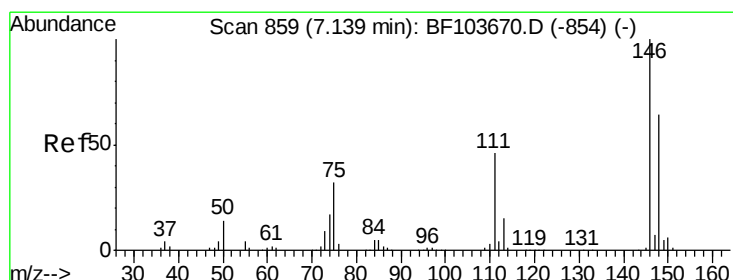
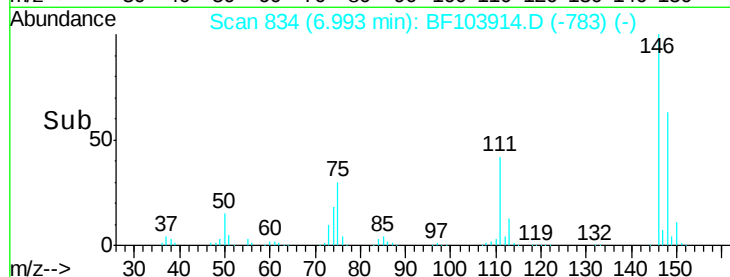
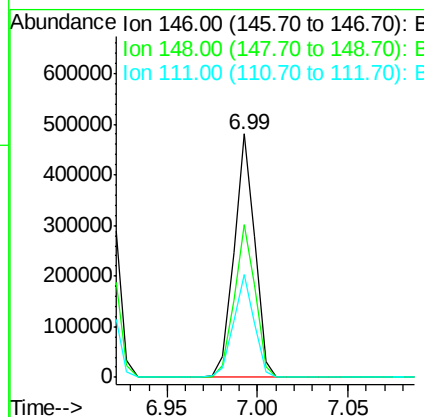
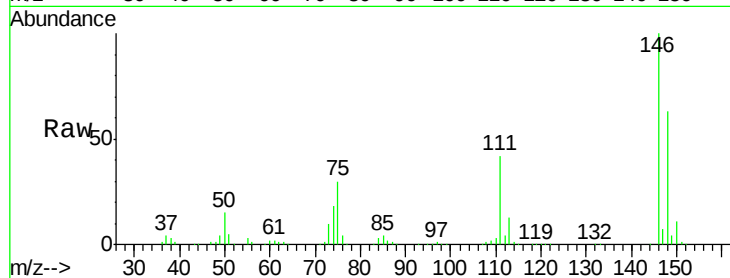
ClientSampleId :

PB107596BS

Tot Ion:	146	Resp:	382196
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.8	76.2
111	42.0	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 32.398 ng

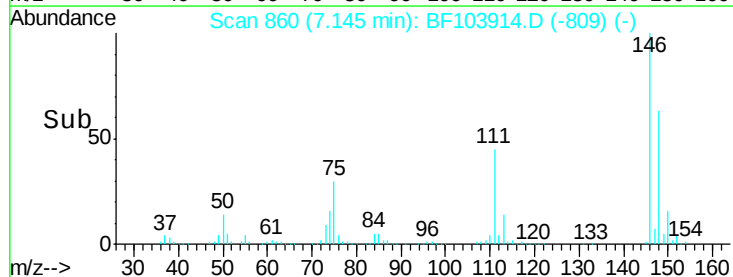
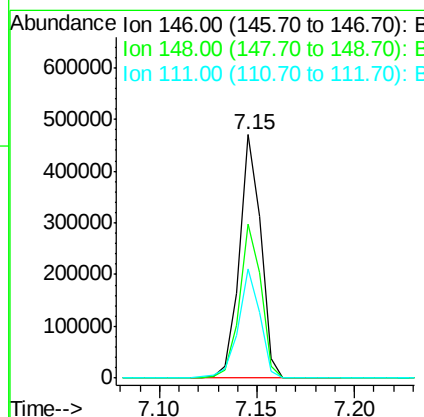
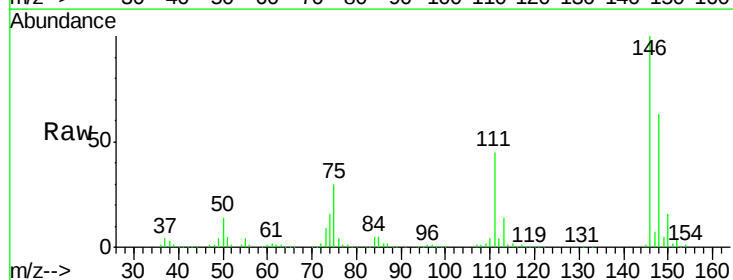
RT: 7.15 min Scan# 860

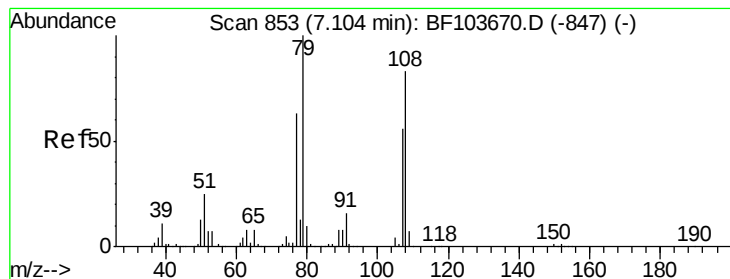
Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Tgt Ion:	146	Resp:	356608
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	75.8
111	44.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 32.570 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

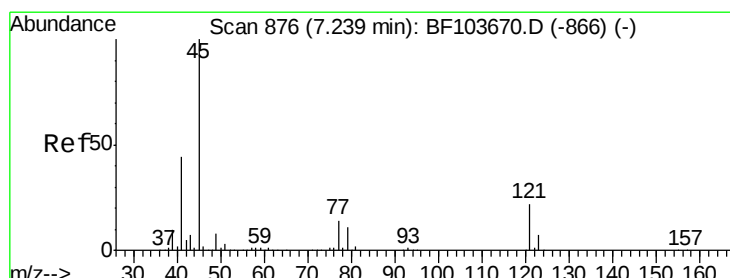
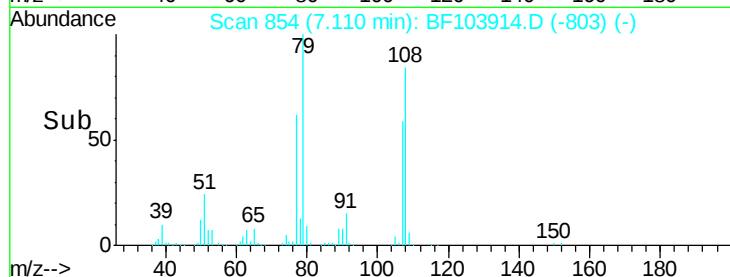
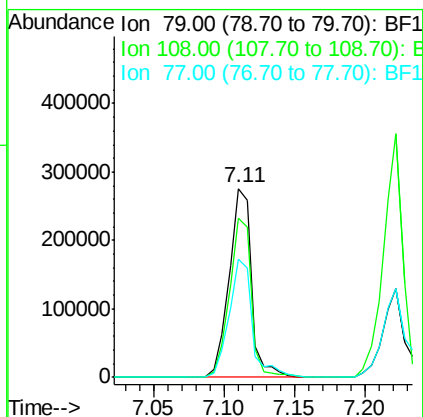
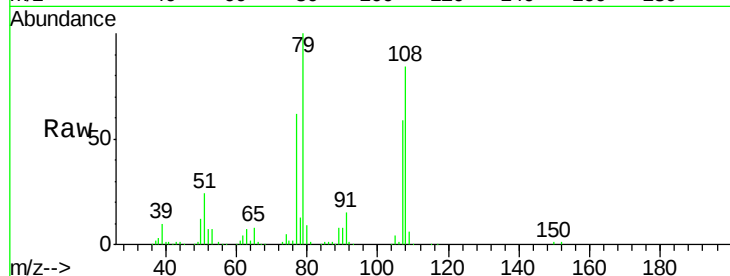
ClientSampled :

PB107596BS

Tot Ion:	79	Resp:	305460
Ion	Ratio	Lower	Upper
79	100		
108	84.3	65.1	97.7
77	62.3	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.688 ng

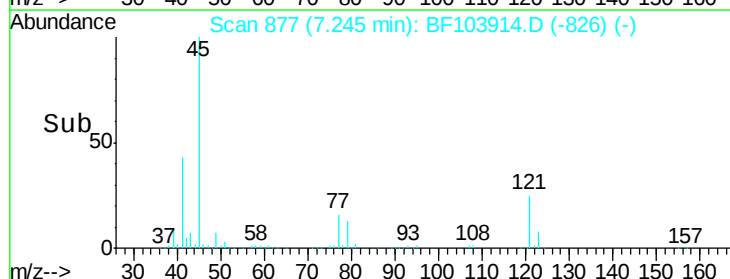
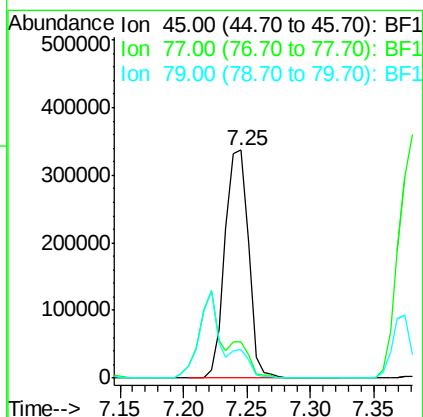
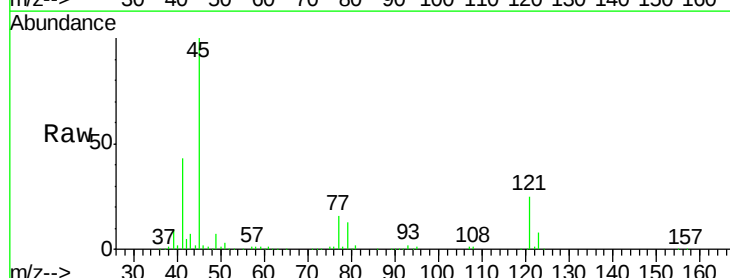
RT: 7.25 min Scan# 877

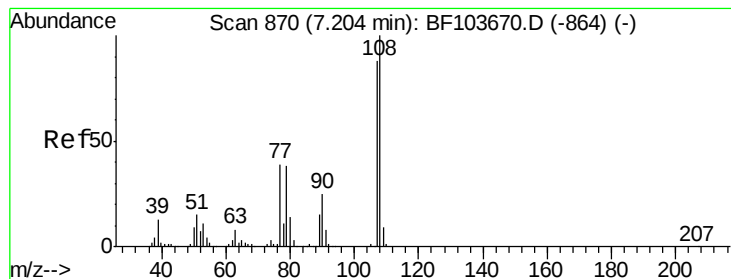
Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Tgt Ion:	45	Resp:	433241
Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	32.9
79	12.7	0.0	29.6





#17

2-Methylphenol

Concen: 32.767 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

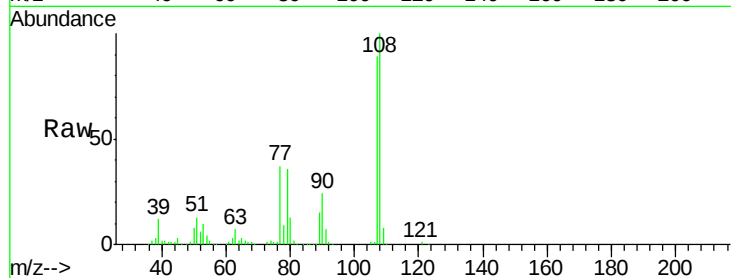
ClientSampleID :

PB107596BS

Tot Ion	107	Resp	302422
Ion Ratio	Lower	Upper	
107	100		
108	112.3	91.7	137.5
77	41.0	33.8	50.8
79	40.9	33.8	50.8

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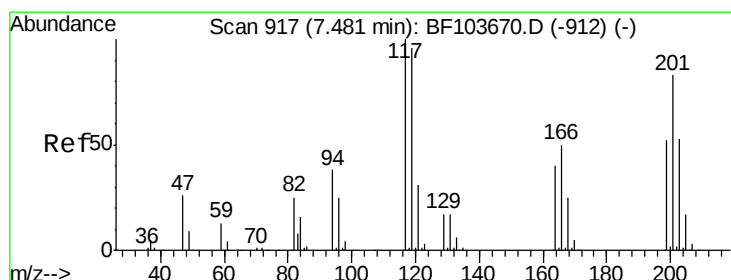
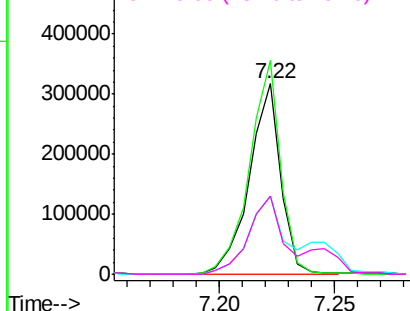
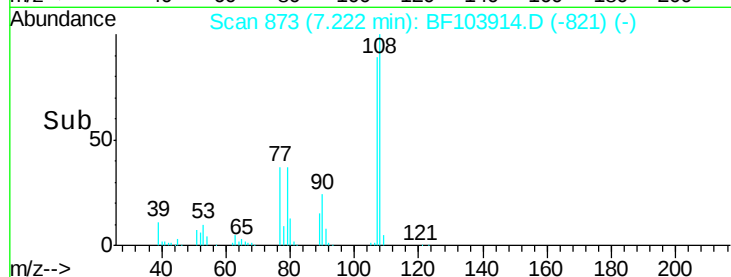


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.004 ng

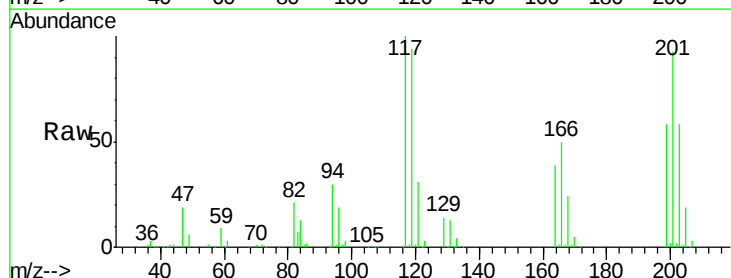
RT: 7.49 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

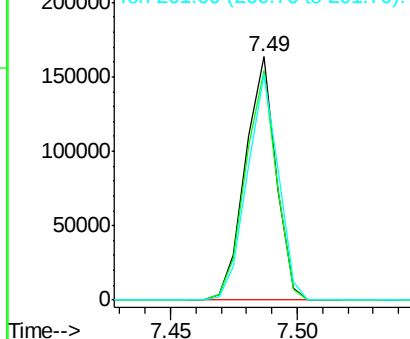
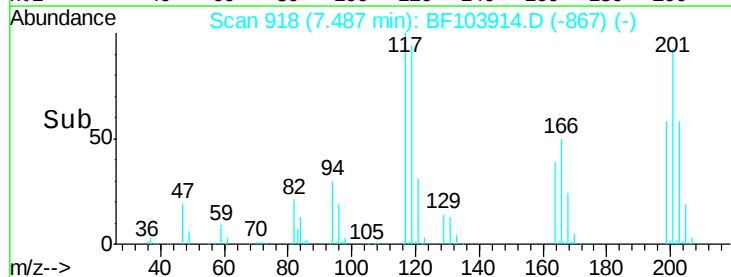
Tgt Ion	117	Resp	137705
Ion Ratio	Lower	Upper	
117	100		
119	94.3	75.8	113.8
201	92.9	75.7	113.5

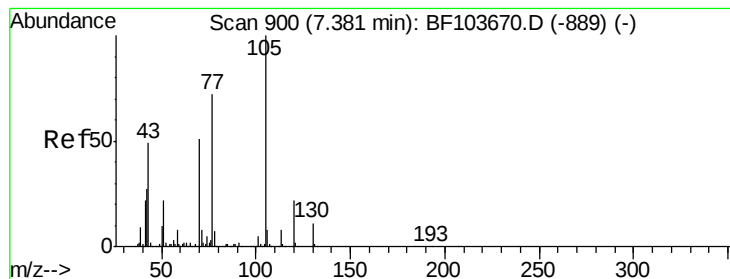


Abundance Ion 117.00 (116.70 to 117.70): E

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: 30.168 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

ClientSampleId :

PB107596BS

Tot Ion: 70 Resp: 234019

Ion Ratio Lower Upper

70 100

42 53.9 47.5 71.3

101 9.6 7.4 11.2

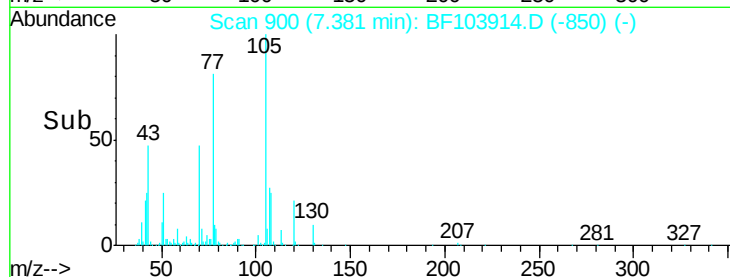
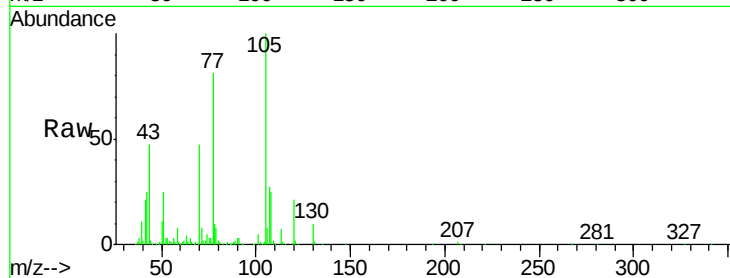
130 22.2 16.6 25.0

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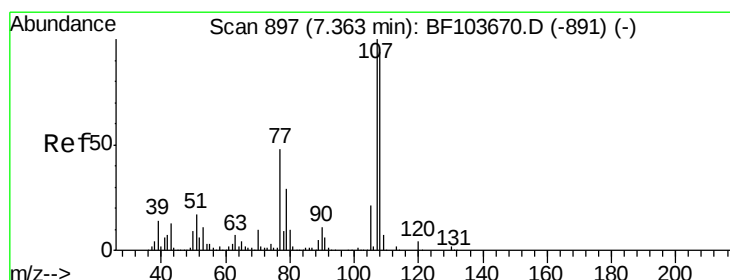
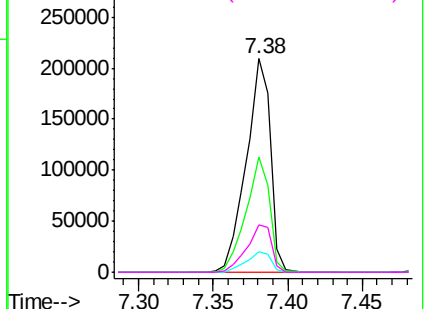


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 31.411 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Tgt Ion: 107 Resp: 367913

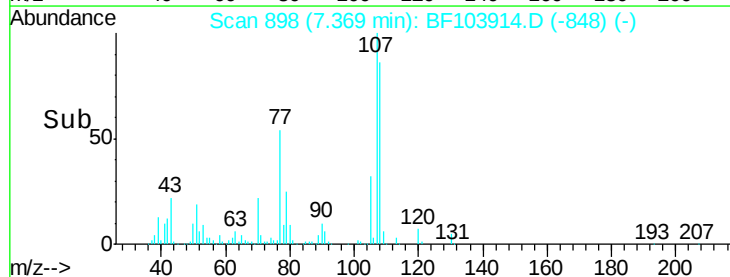
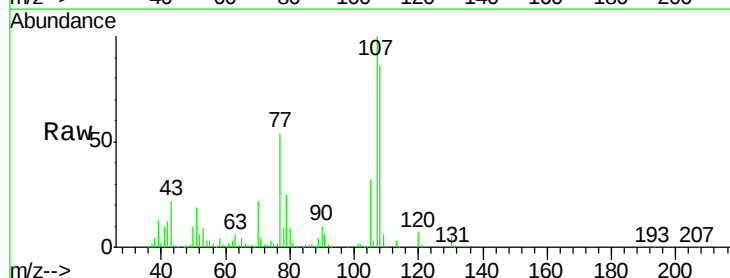
Ion Ratio Lower Upper

107 100

108 86.0 68.2 108.2

77 54.0 26.7 66.7

79 25.1 6.3 46.3

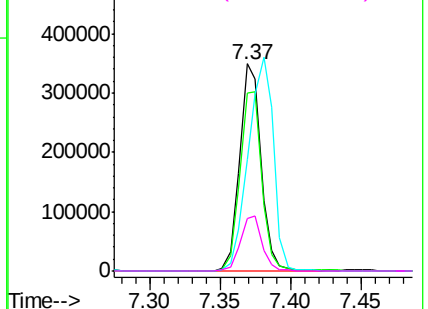


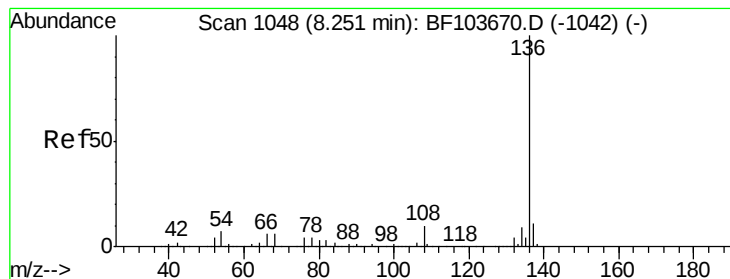
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

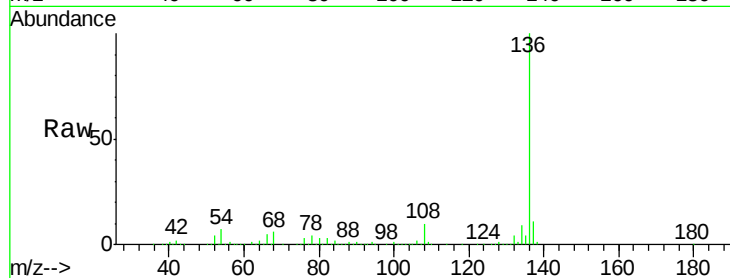
ClientSampleId :

PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	615630		
137	11.4	8.9	13.3	
54	7.1	6.6	9.8	
68	6.4	5.0	7.4	

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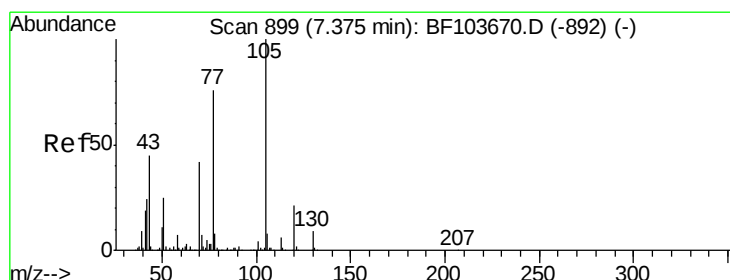
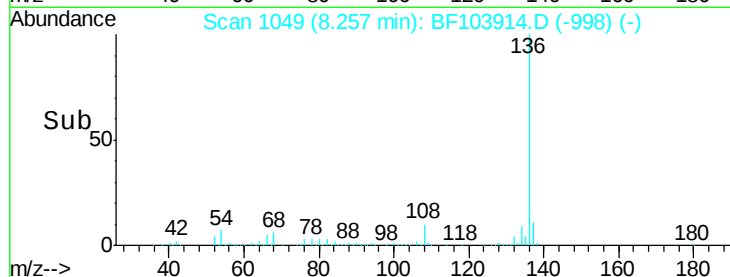
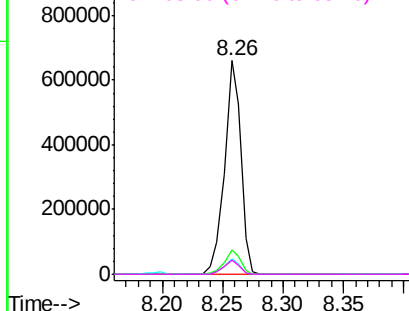


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 29.612 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

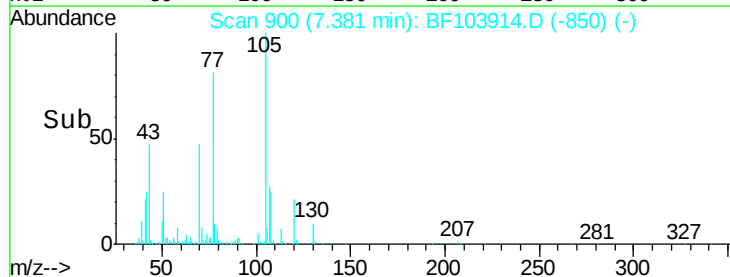
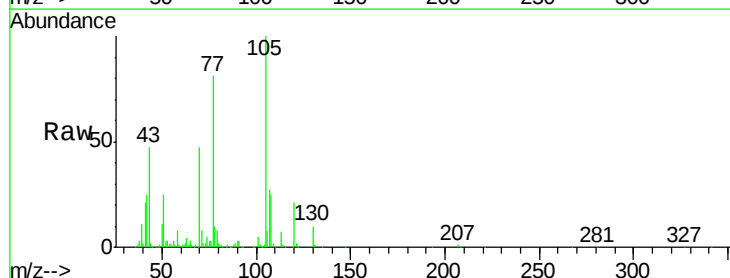
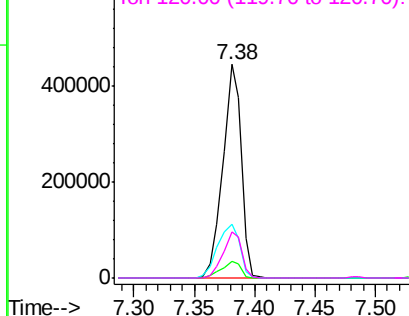
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	468524		
71	7.8	4.4	6.6#	
51	25.1	22.3	33.5	
120	21.4	16.9	25.3	

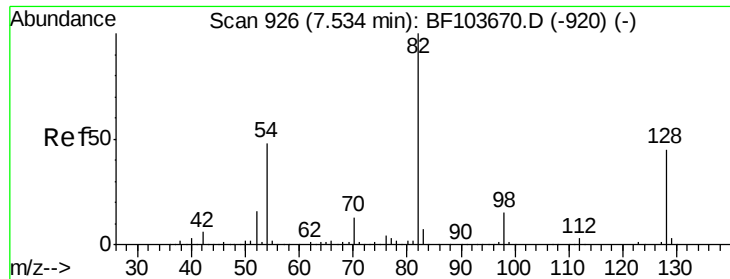
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





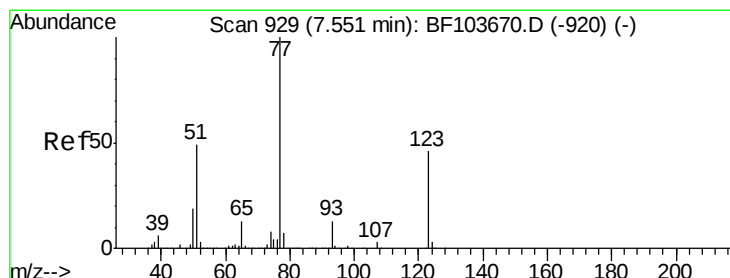
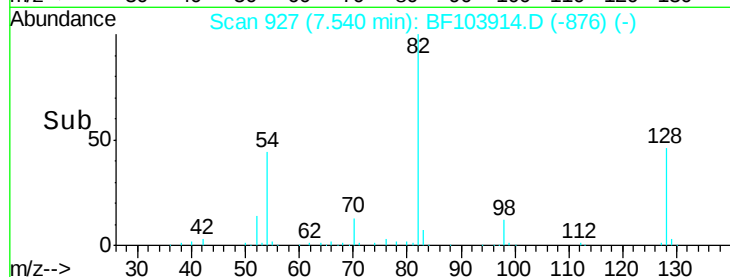
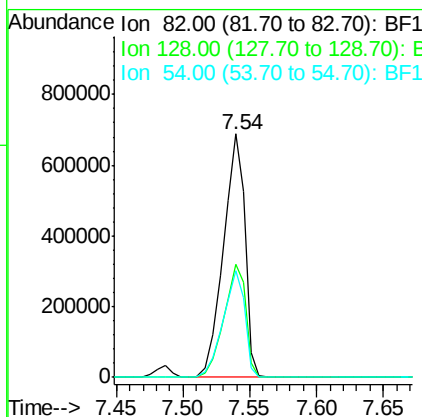
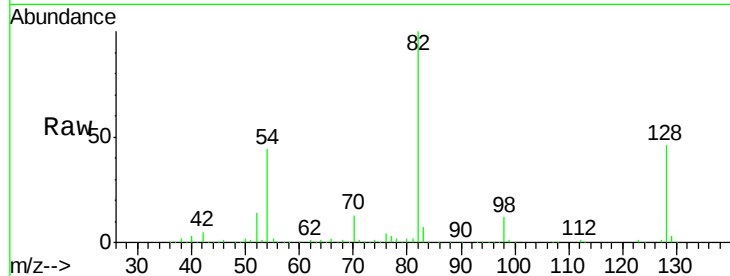
#23
Nitrobenzene-d5
Concen: 89.286 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	788215		
128	46.4	36.1	54.1	
54	43.6	41.4	62.2	

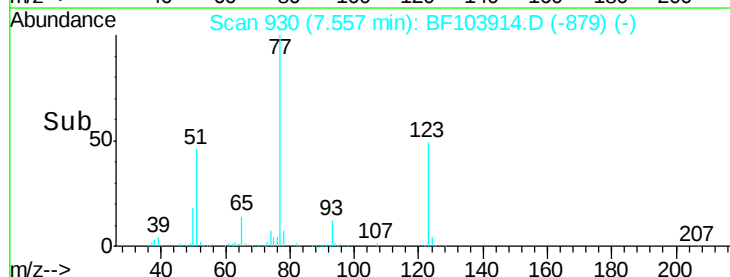
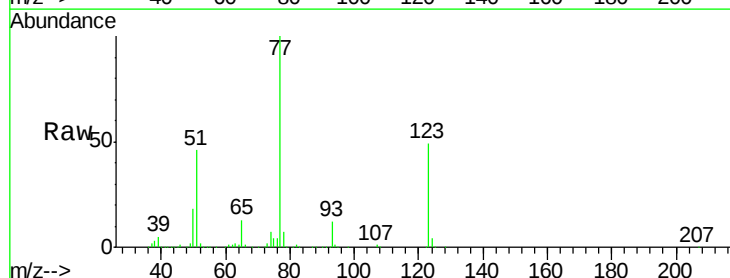
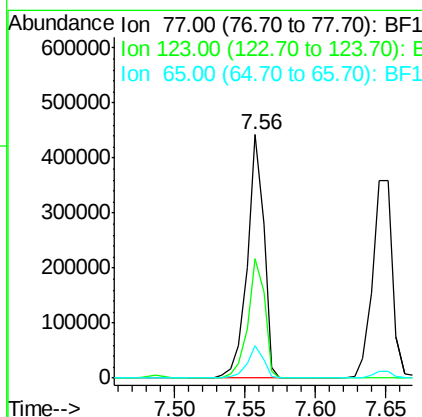
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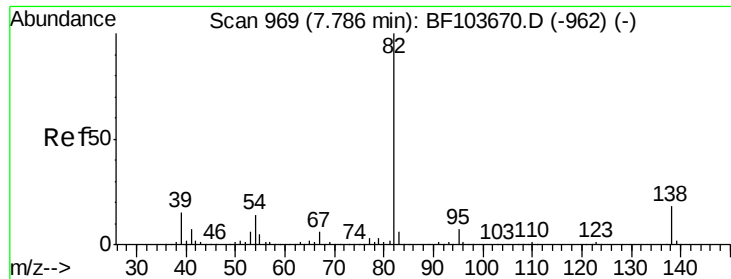
Sohil
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#24
Nitrobenzene
Concen: 35.019 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	362939		
123	49.0	37.9	56.9	
65	13.5	11.0	16.4	





#25

Isophorone

Concen: 32.716 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

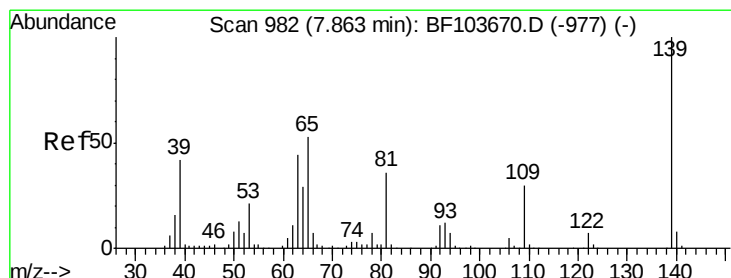
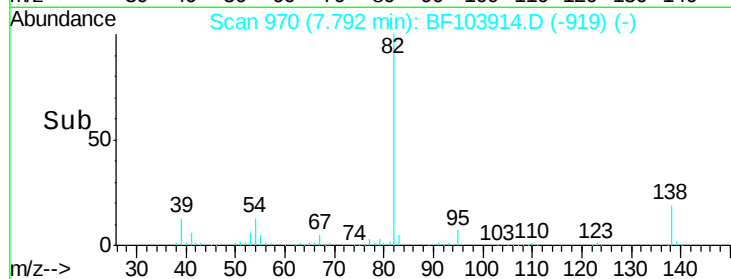
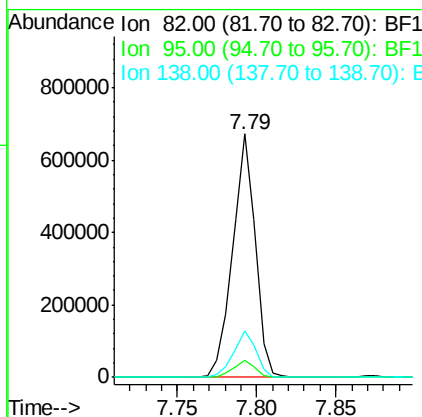
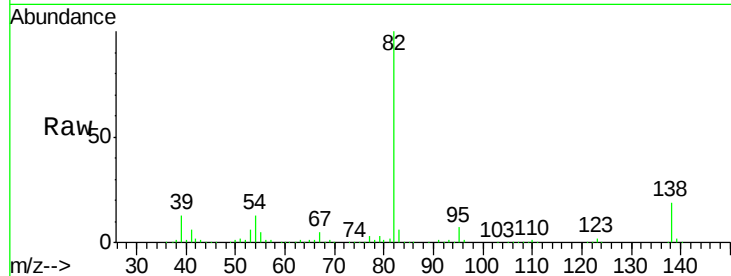
ClientSampleId :

PB107596BS

Tot Ion:	82	Resp:	668590
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.2	7.8
138	18.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 49.937 ng

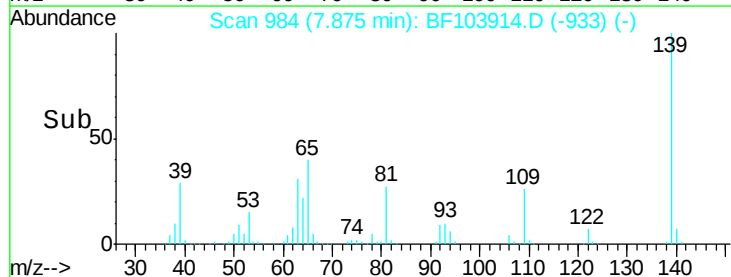
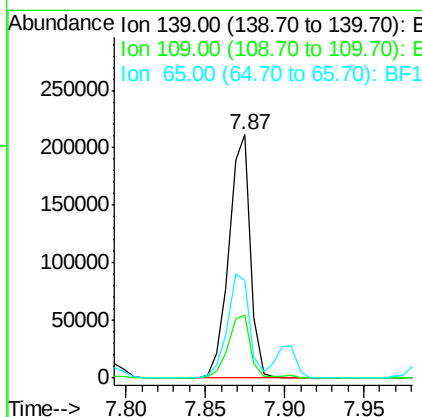
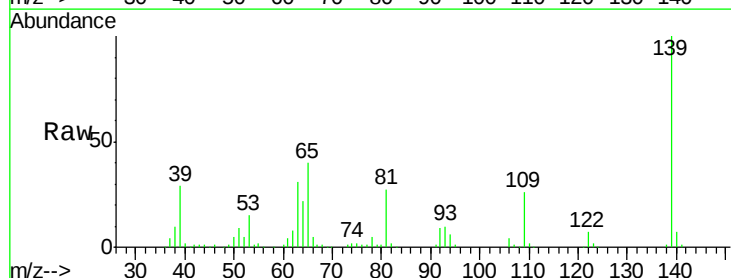
RT: 7.87 min Scan# 984

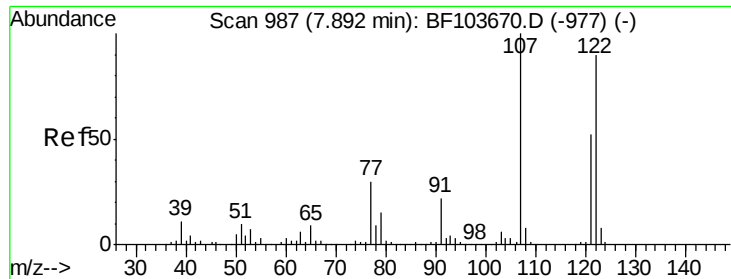
Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Tgt Ion:	139	Resp:	198784
Ion Ratio		Lower	Upper
139	100		
109	25.8	22.7	34.1
65	40.1	40.5	60.7#





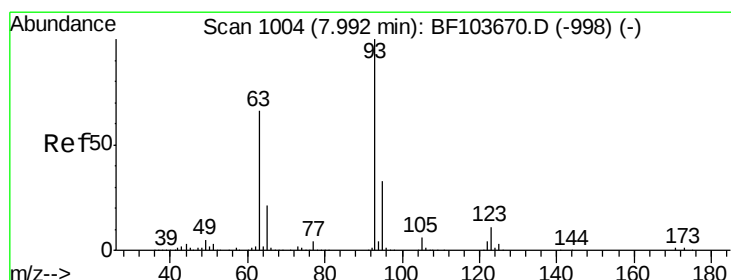
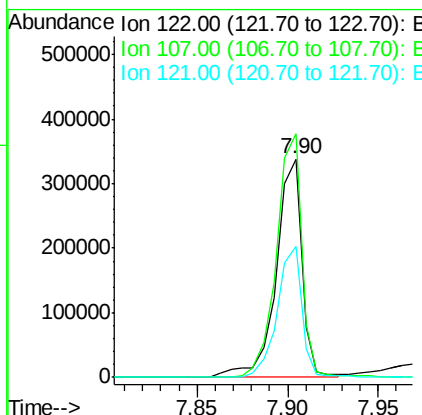
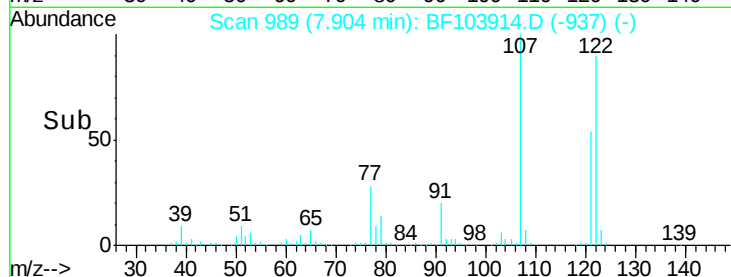
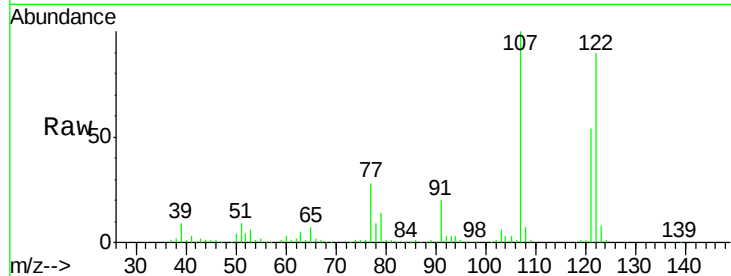
#27
2,4-Dimethylphenol
Concen: 38.283 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	91.2	136.8
121	59.9	47.2	70.8

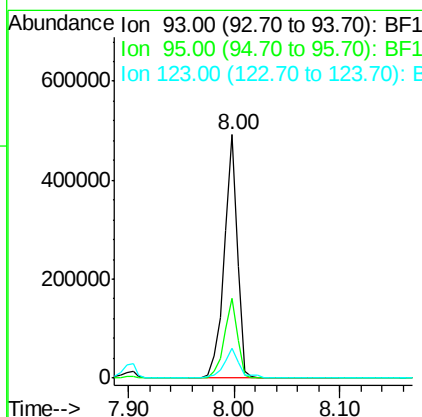
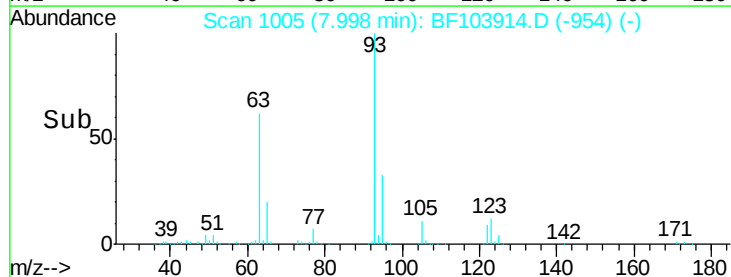
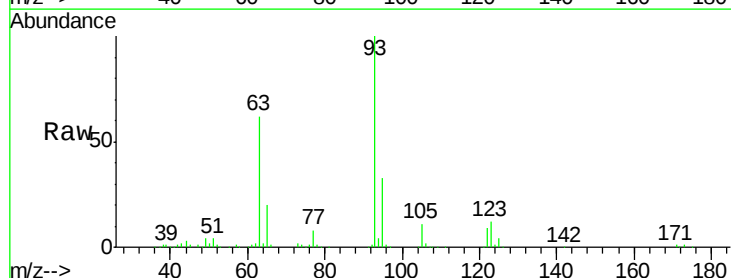
Manual Integrations
APPROVED

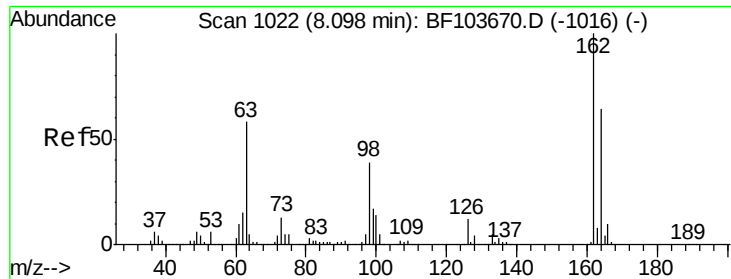
Sohil
3/27/2018 2:15:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.797 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	12.3	9.8	14.6





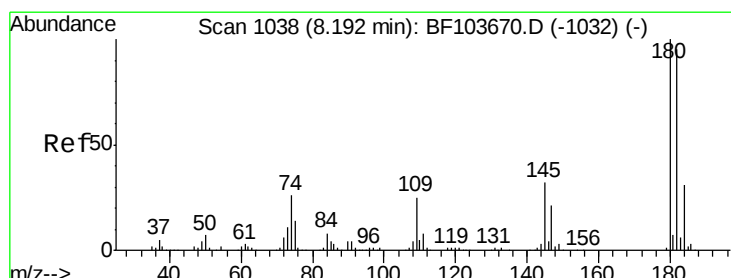
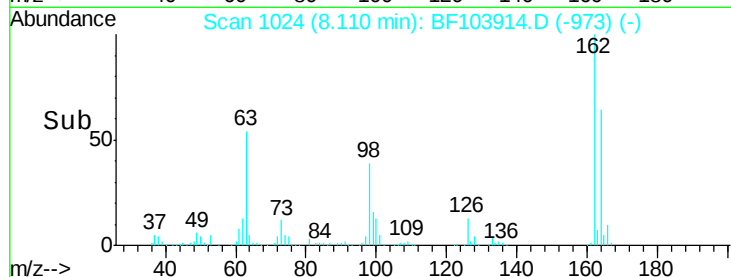
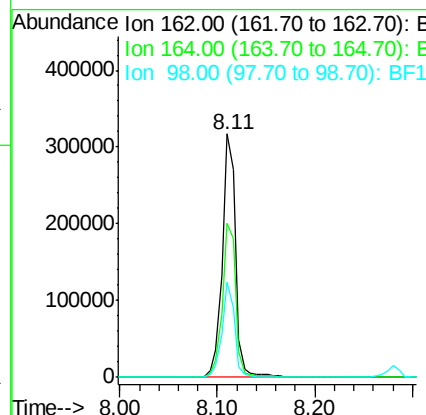
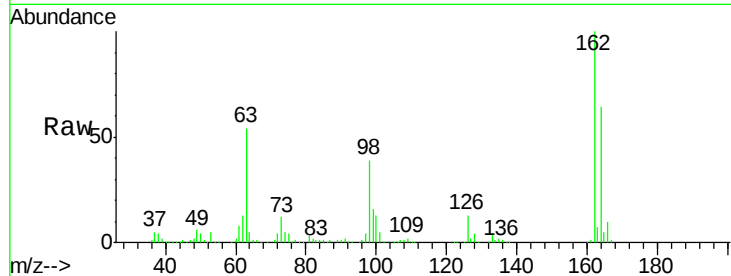
#29
2,4-Dichlorophenol
Concen: 37.759 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	300754		
164	63.5	42.7	82.7	
98	38.8	18.1	58.1	

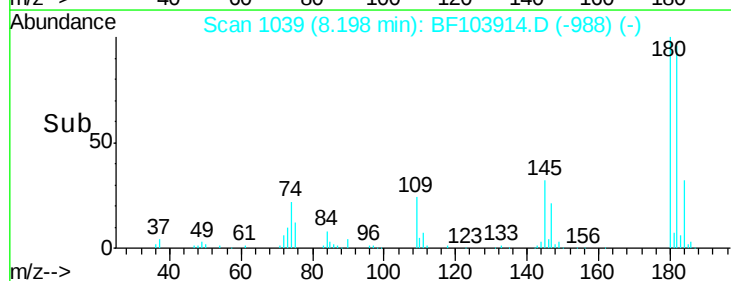
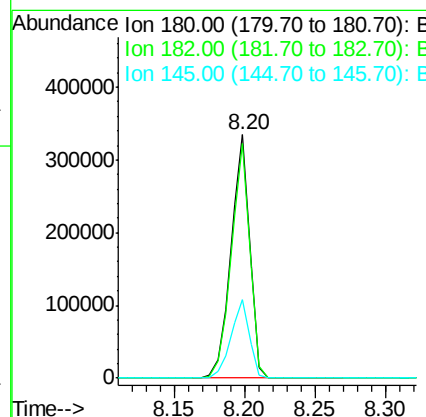
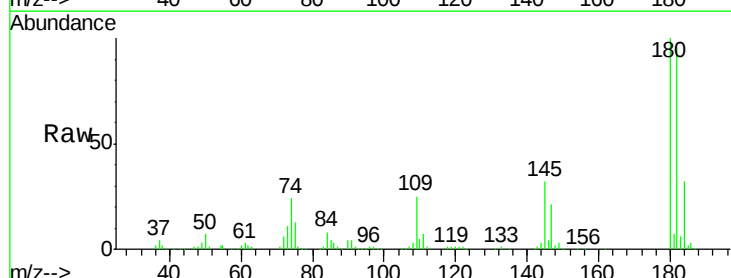
Manual Integrations
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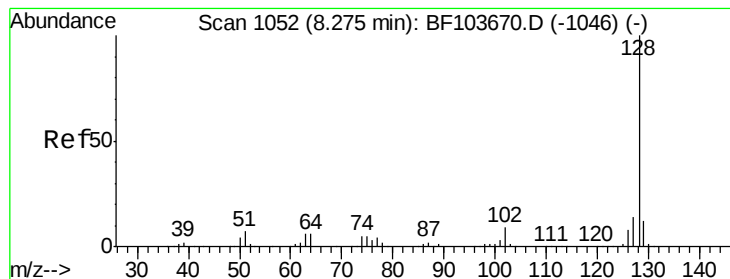
Sohil
3/27/2018 2:15:21 PM



#30
1,2,4-Trichlorobenzene
Concen: 33.343 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	308037		
182	96.5	76.8	115.2	
145	32.3	26.5	39.7	





#31

Naphthalene

Concen: 32.769 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

ClientSampleId :

PB107596BS

Tot Ion:128 Resp: 1019054

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

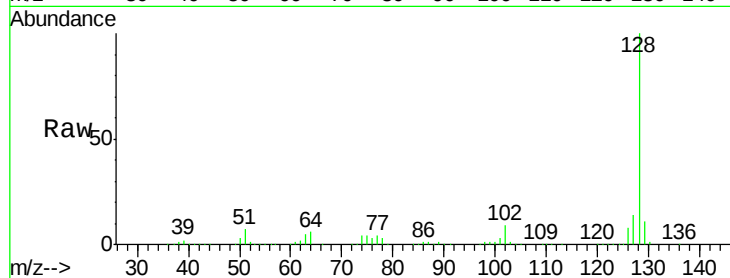
127 13.5 10.9 16.3

Manual Integrations

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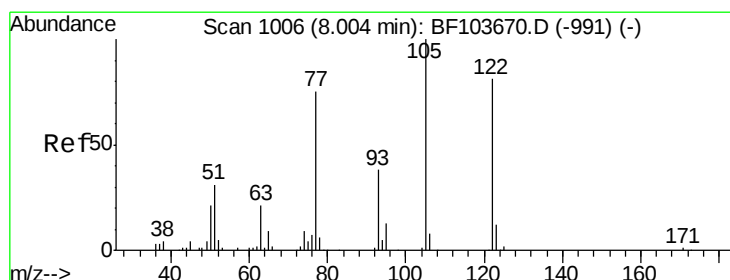
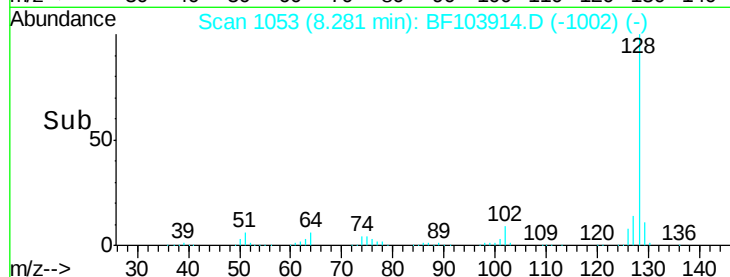
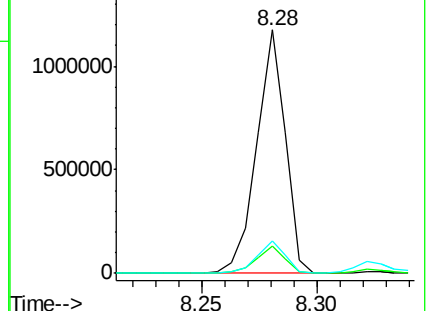
3/27/2018 2:15:21 PM



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: 35.787 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

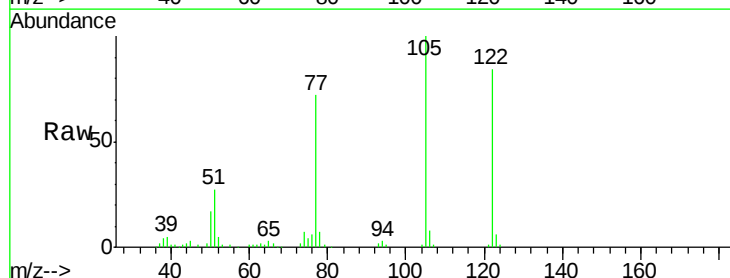
Tgt Ion:122 Resp: 201452

Ion Ratio Lower Upper

122 100

105 118.8 101.1 141.1

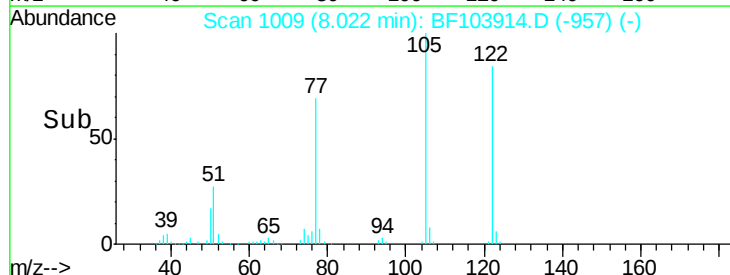
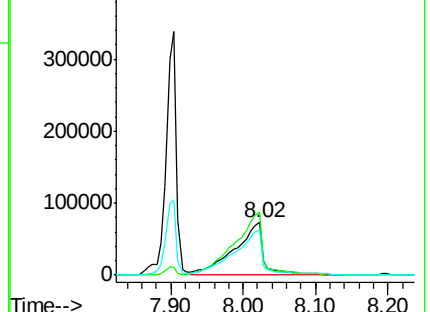
77 85.1 70.7 110.7



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





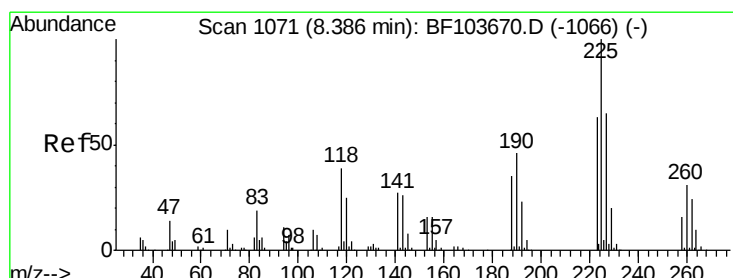
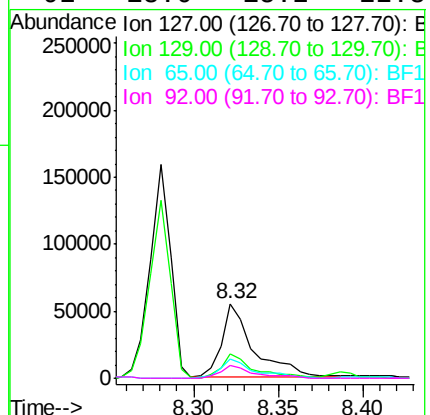
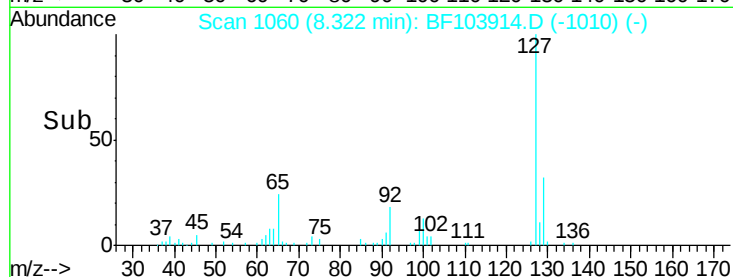
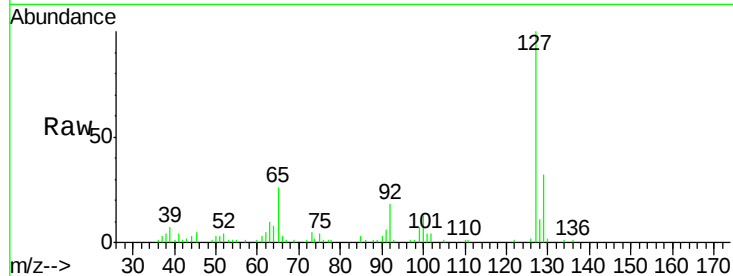
#33
4-Chloroaniline
Concen: 5.649 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	25.7	25.0	37.4
92	18.0	15.2	22.8

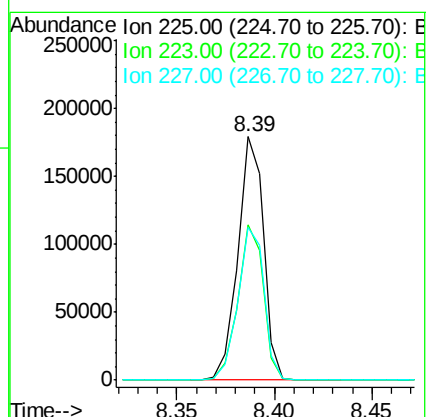
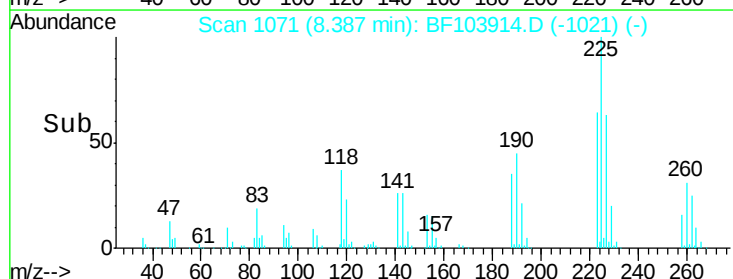
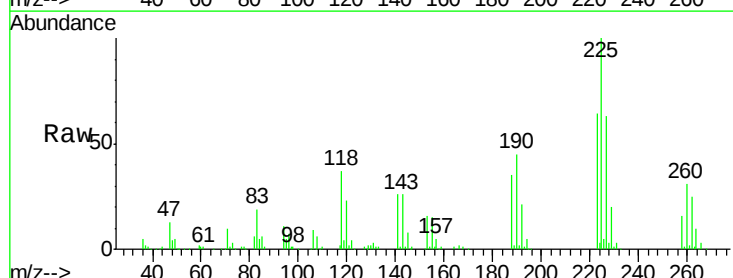
Manual Integrations
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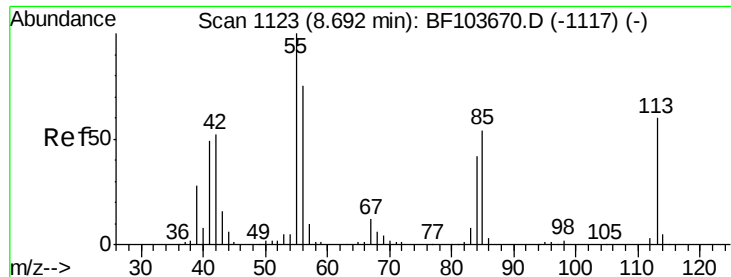
Sohil
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#34
Hexachlorobutadiene
Concen: 32.304 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	62.6	51.9	77.9





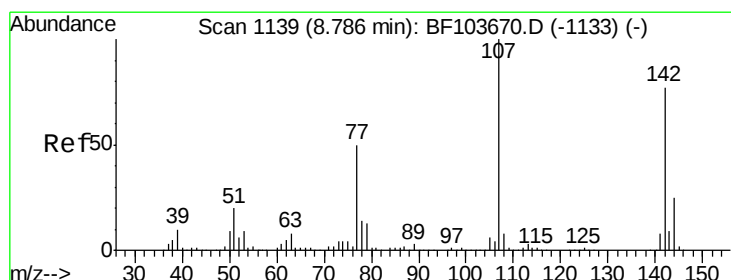
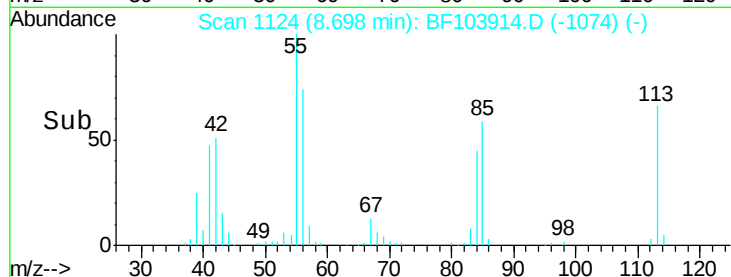
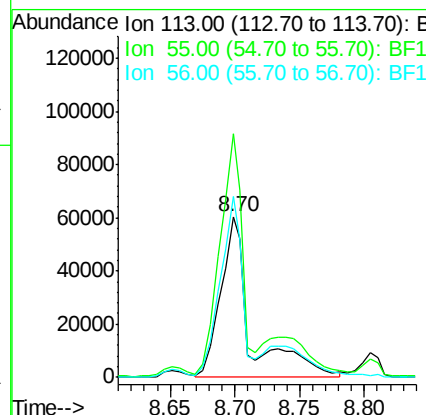
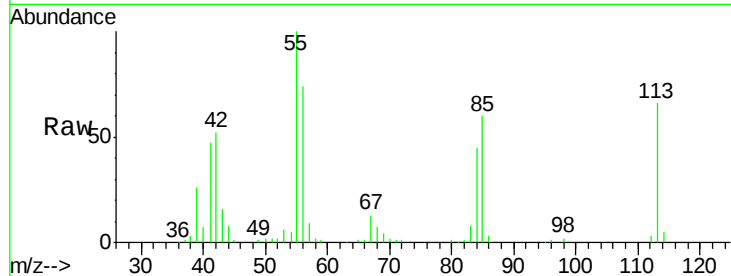
#35
 Caprolactam
 Concen: 36.372 ng/ml
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleID :
 PB107596BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	151.5	163.3	203.3	
56	112.3	115.7	155.7	

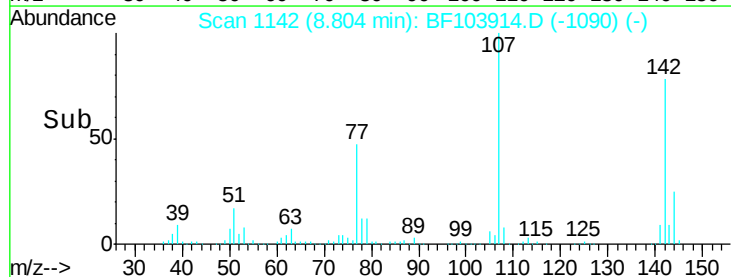
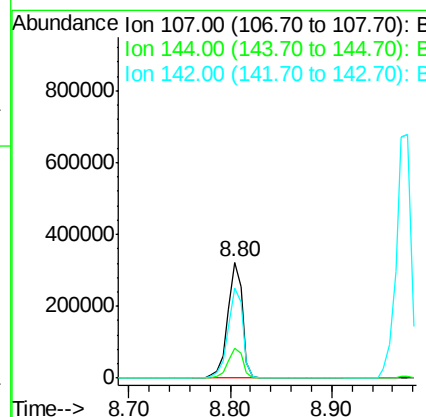
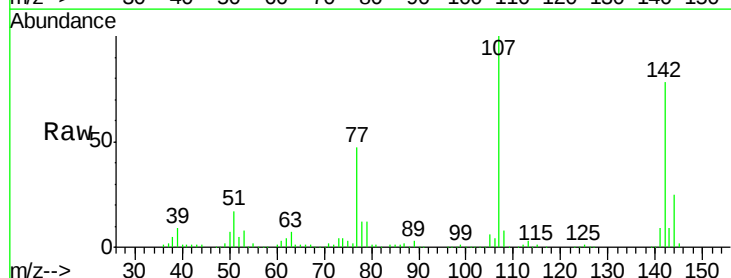
Manual Integrations
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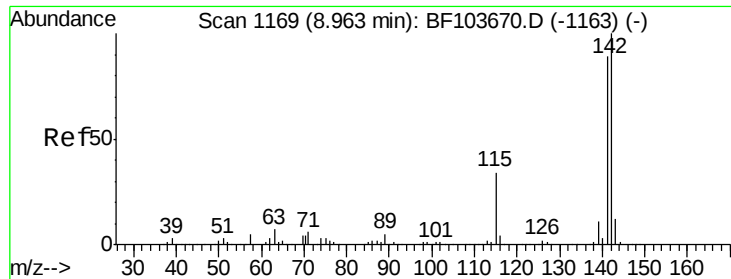
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 36.716 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.5	20.5	30.7	
142	78.0	62.0	93.0	





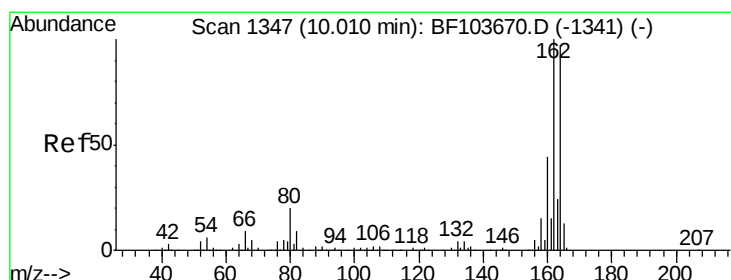
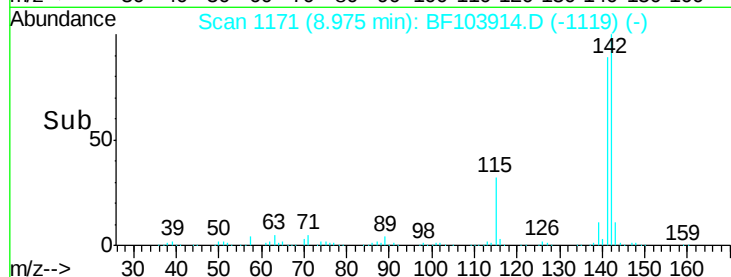
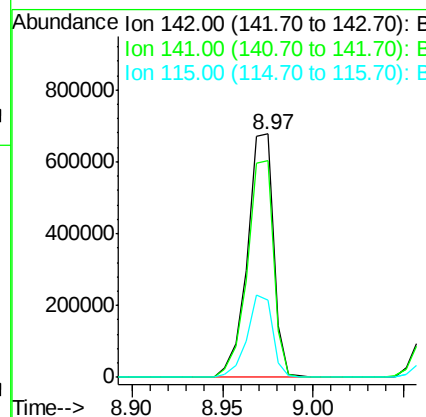
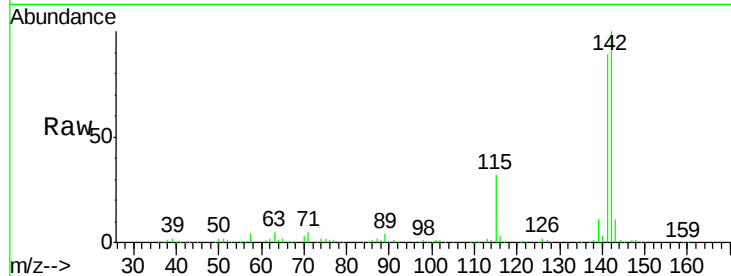
#37
2-Methylnaphthalene
Concen: 34.566 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampled :
PB107596BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	31.9	26.1	39.1

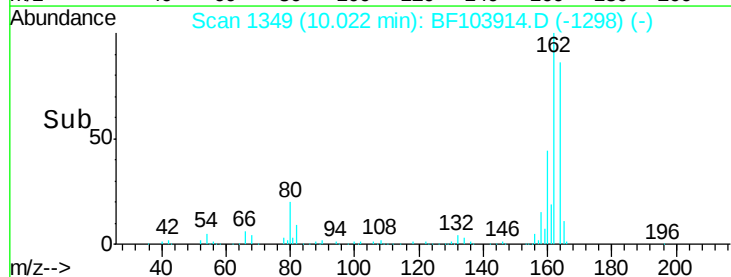
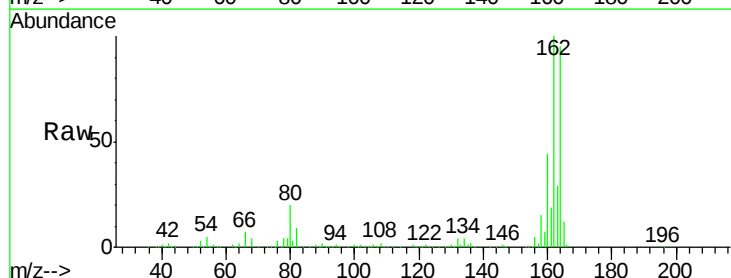
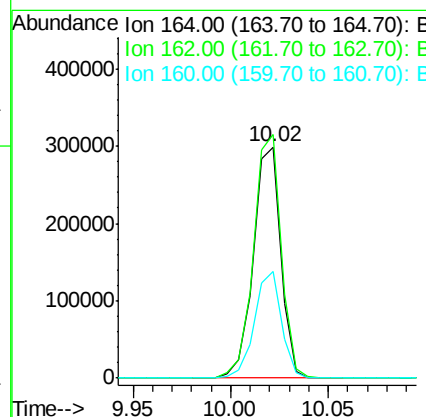
Manual Integrations
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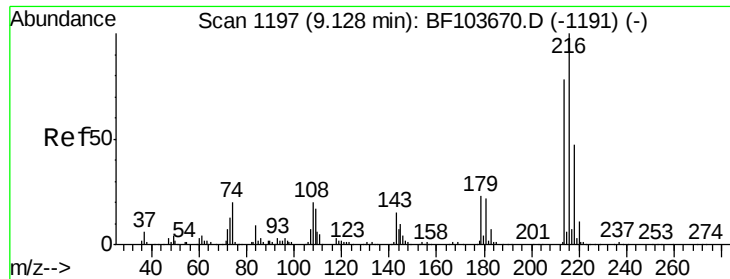
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	46.0	38.3	57.5





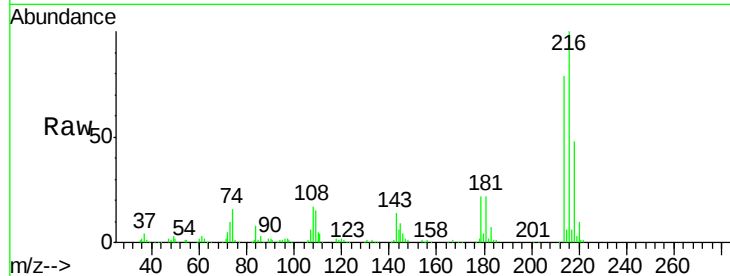
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.587 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

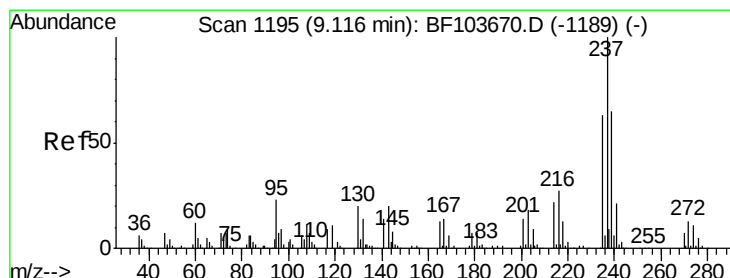
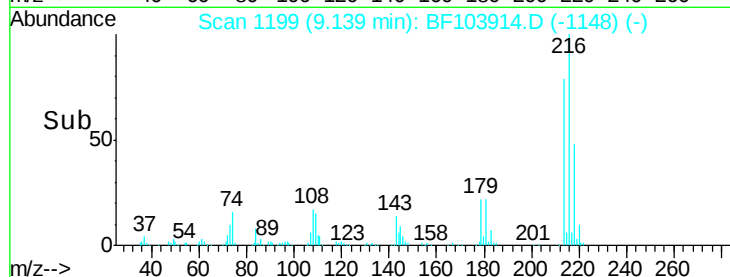
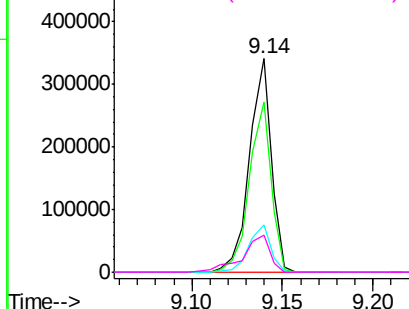
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		286698		
214	79.8		63.0	94.4	
179	22.3		18.1	27.1	
108	21.7		17.2	25.8	

Manual Integrations
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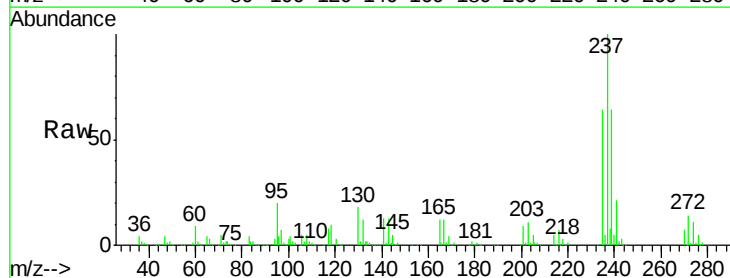


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

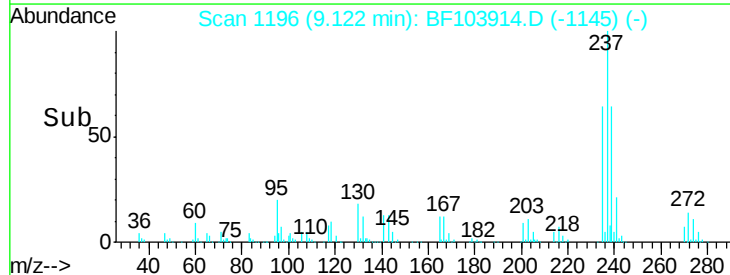
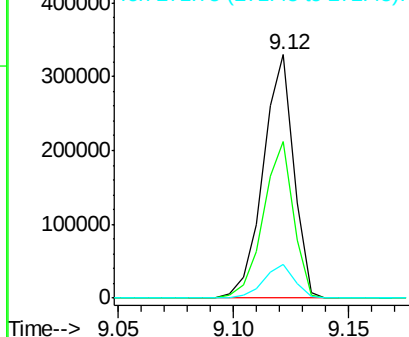


#40
 Hexachlorocyclopentadiene
 Concen: 71.075 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		304006		
235	64.5		44.8	84.8	
272	13.9		0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





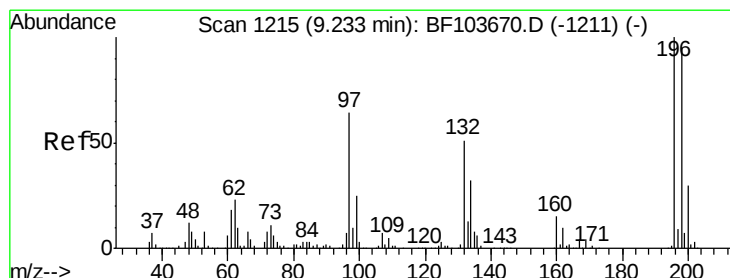
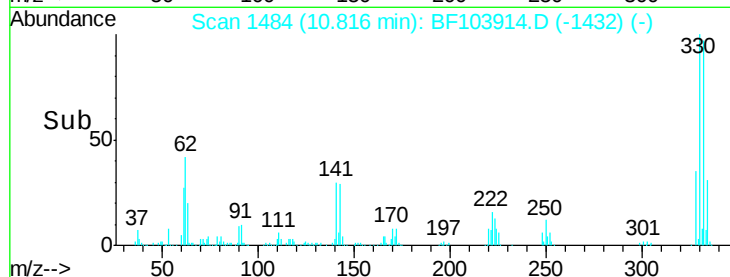
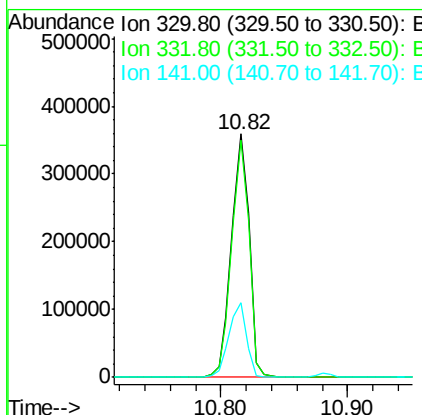
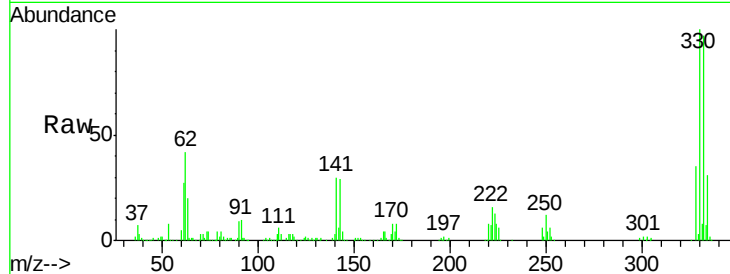
#41
 2,4,6-Tribromophenol
 Concen: 138.676 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	30.8	29.9	44.9	

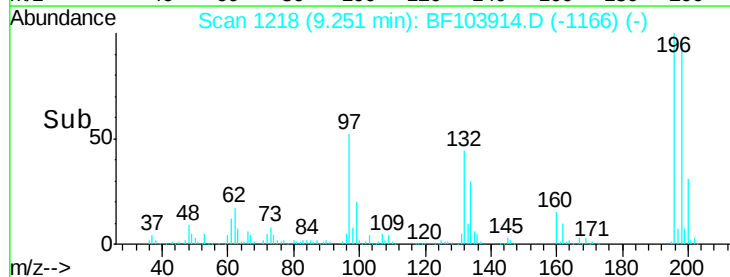
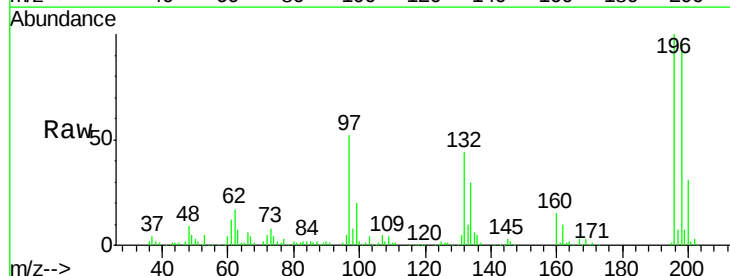
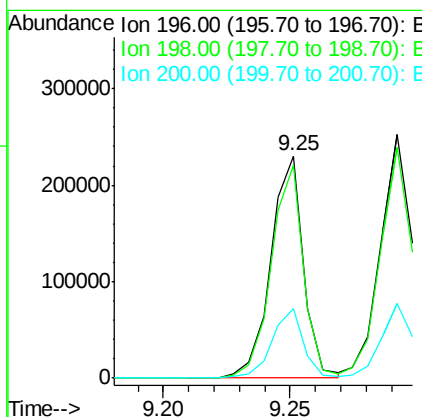
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 39.226 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	75.7	113.5	
200	31.0	24.5	36.7	





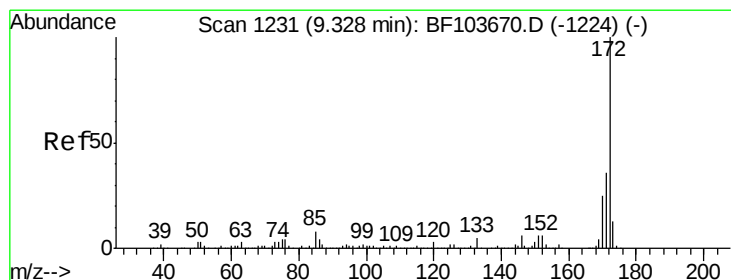
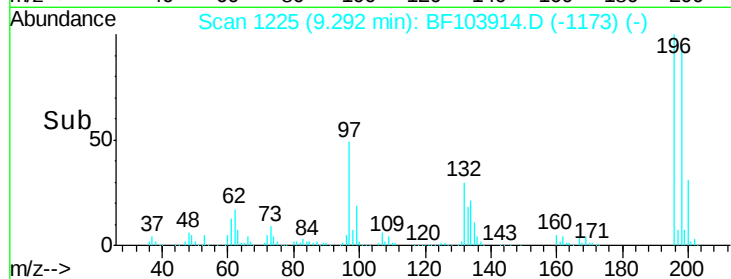
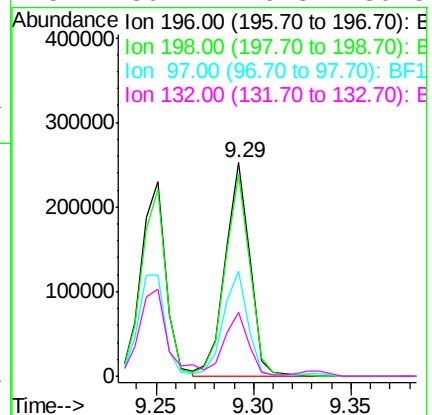
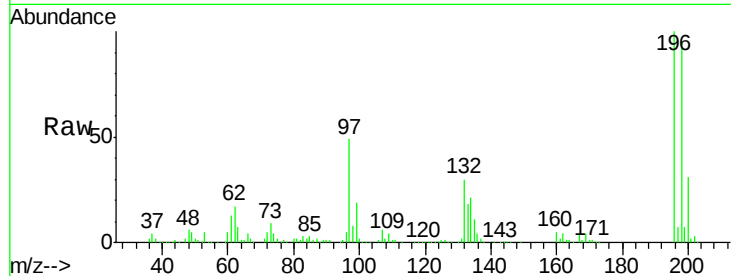
#43
 2,4,5-Trichlorophenol
 Concen: 36.812 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	220294		
198	94.8	74.6	112.0	
97	48.9	42.9	64.3	
132	30.2	26.3	39.5	

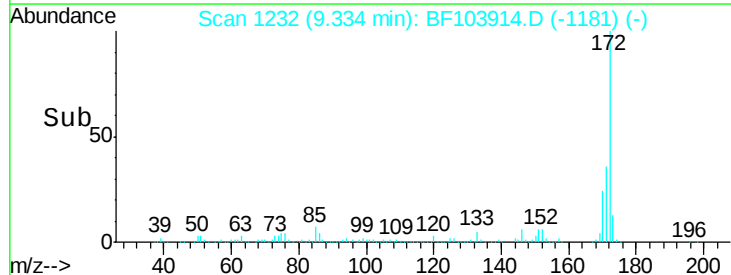
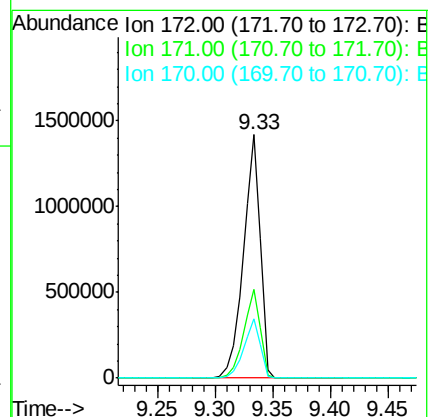
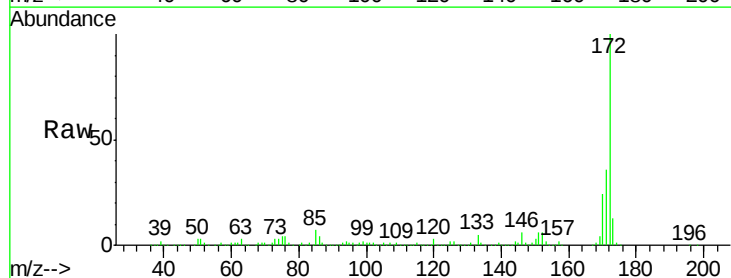
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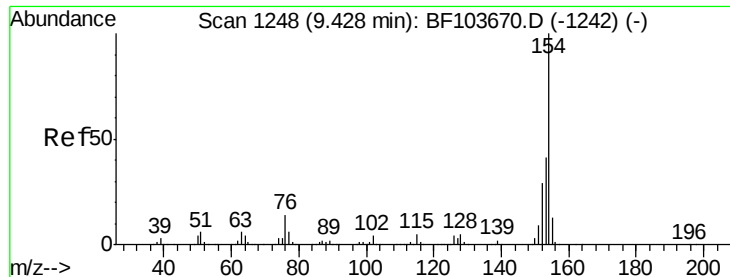
Sohil
 3/27/2018 2:15:21 PM



#44
 2-Fluorobiphenyl
 Concen: 78.227 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1424910		
171	36.5	29.7	44.5	
170	24.3	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 33.055 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

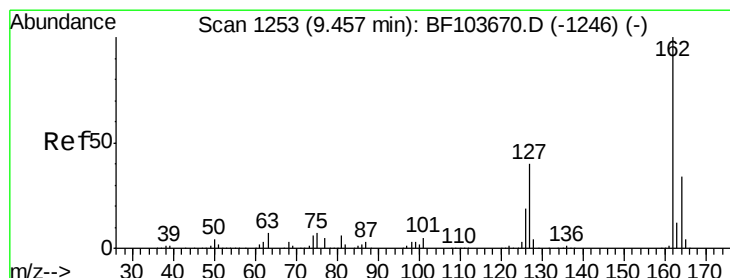
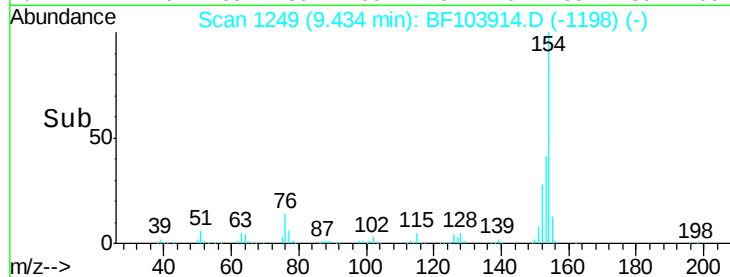
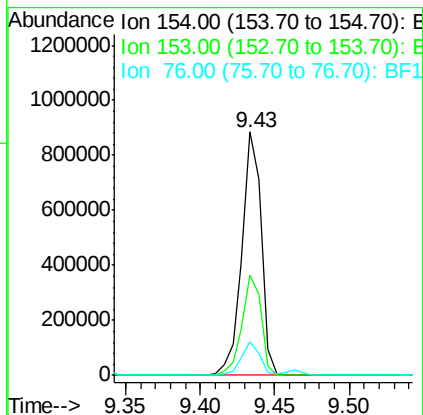
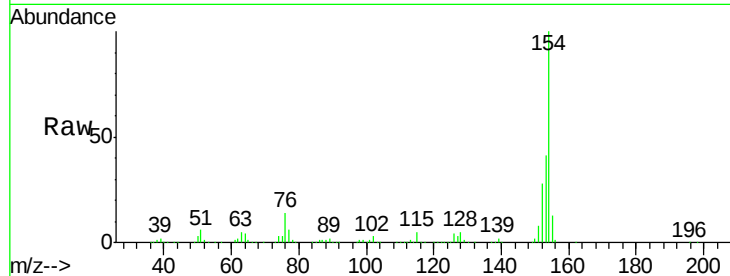
ClientSampled :

PB107596BS

Tot Ion:	154	Resp:	800855
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	13.9	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 33.234 ng

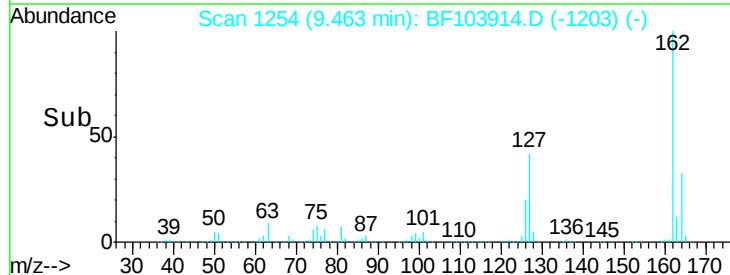
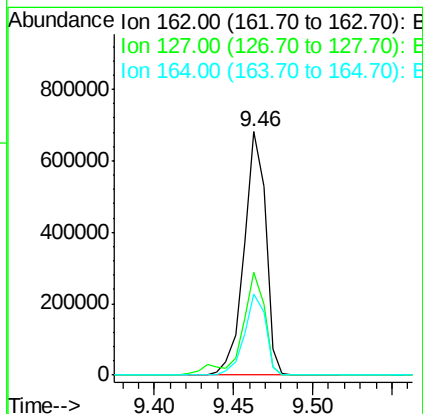
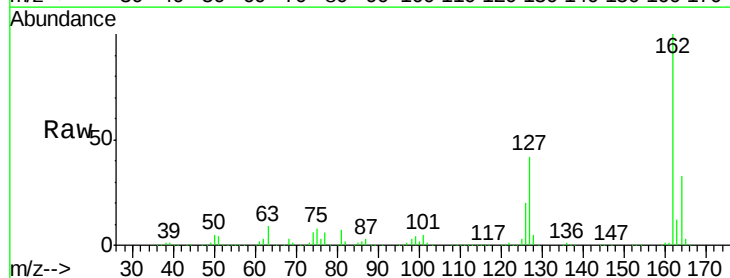
RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Tgt Ion:	162	Resp:	639546
Ion Ratio	Lower	Upper	
162	100		
127	42.0	33.9	50.9
164	33.0	26.5	39.7





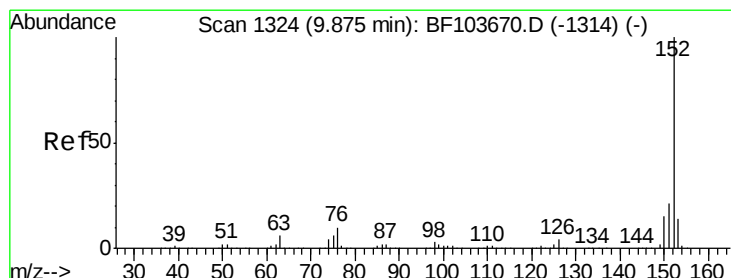
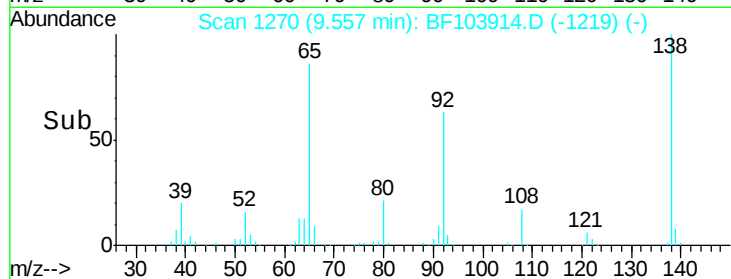
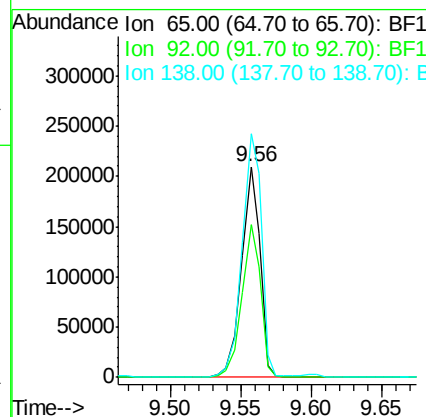
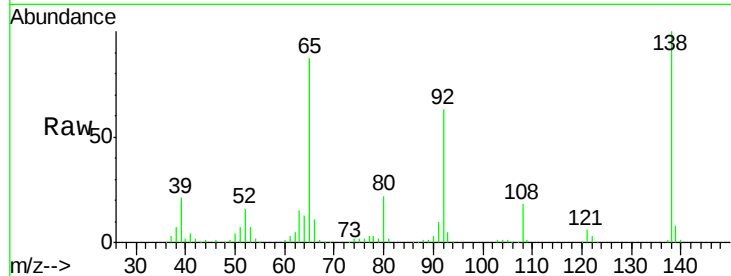
#47
2-Nitroaniline
Concen: 39.564 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.5	55.8	83.6
138	115.4	91.2	136.8

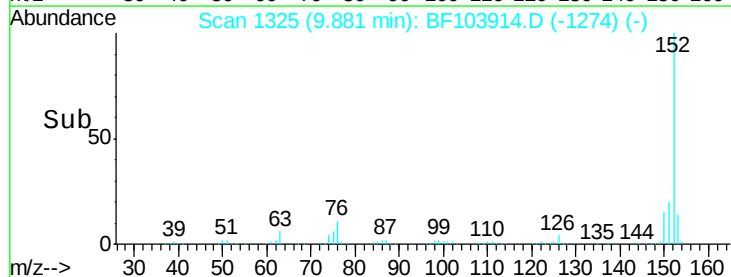
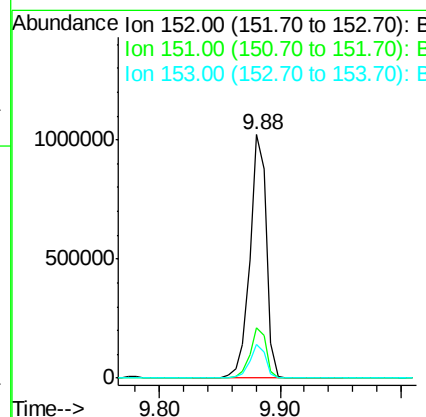
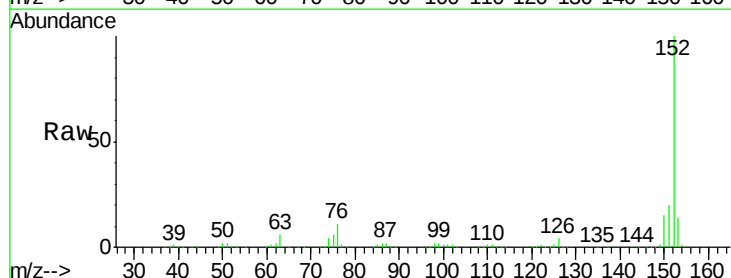
Manual Integrations
APPROVED

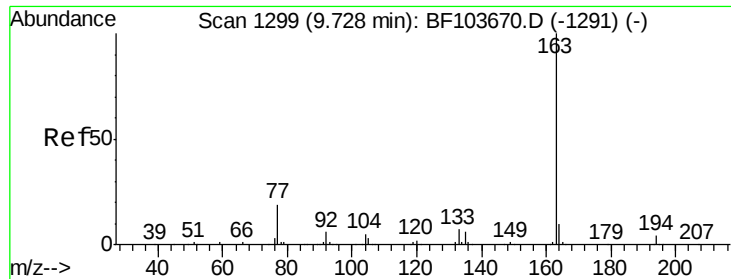
Sohil
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#48
Acenaphthylene
Concen: 32.489 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.7	10.7	16.1





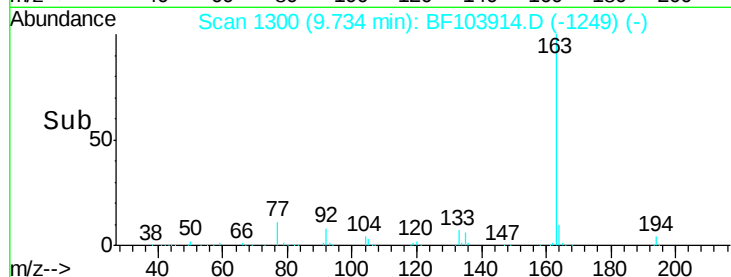
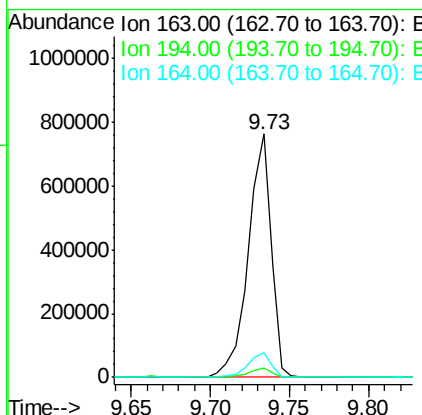
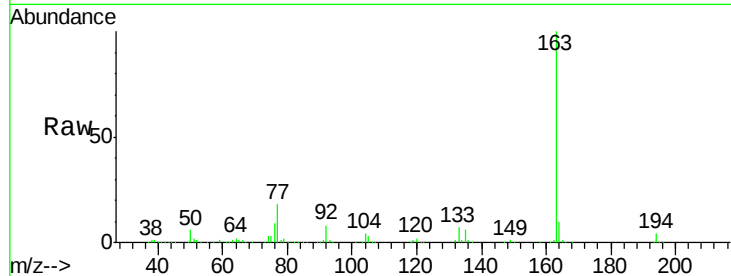
#49
Dimethylphthalate
Concen: 34.355 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampled :
PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	761570		
194	3.7		2.7	4.1
164	10.2		8.2	12.2

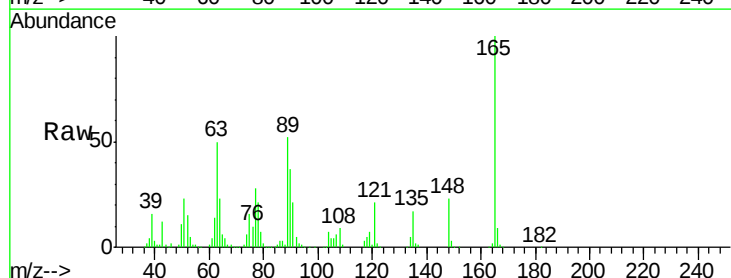
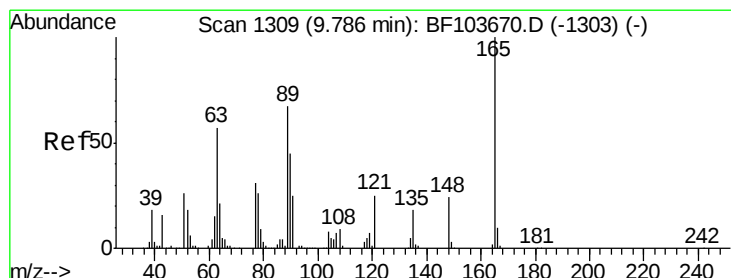
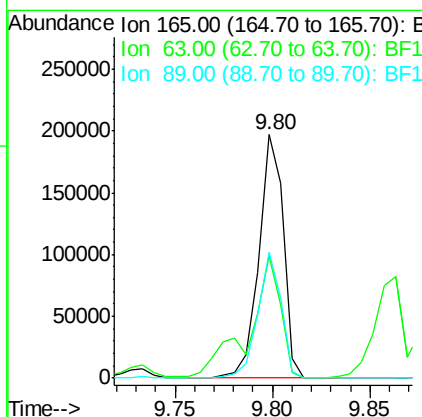
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#50
2,6-Dinitrotoluene
Concen: 40.550 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	171001		
63	50.0		44.7	67.1
89	51.6		44.0	66.0





#51

Acenaphthene

Concen: 32.294 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

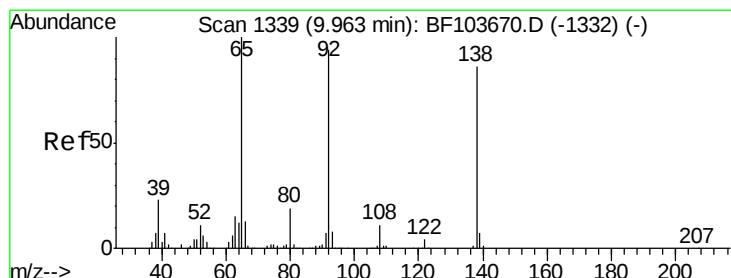
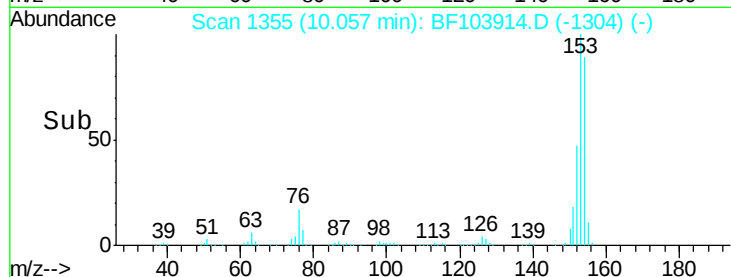
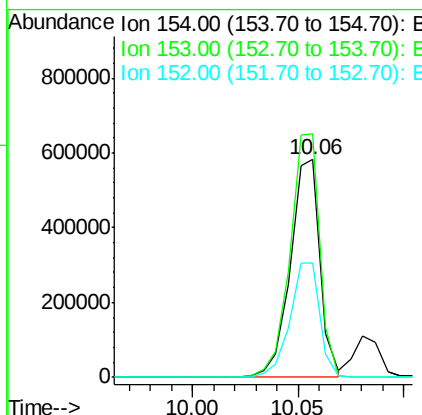
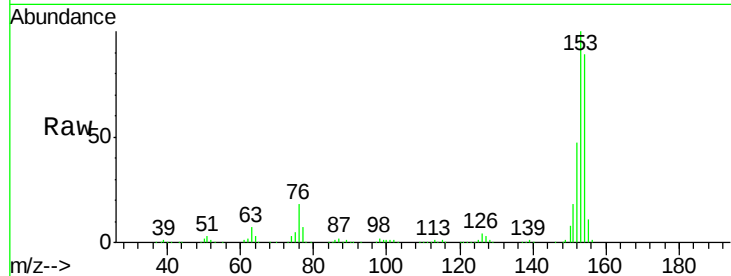
ClientSampleId :

PB107596BS

Tot Ion:	154	Resp:	572204
Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.2	136.8
152	52.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 15.516 ng

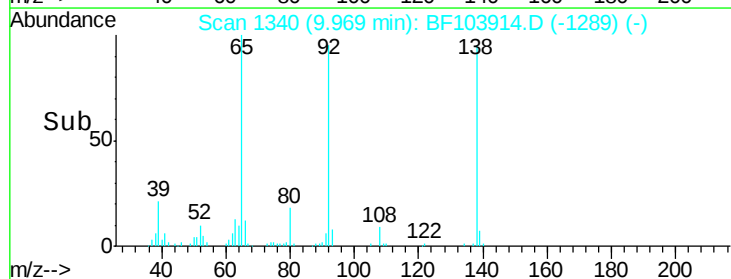
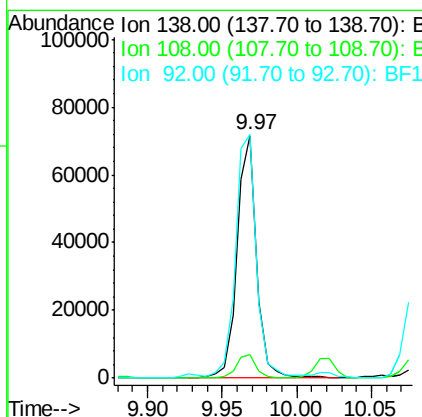
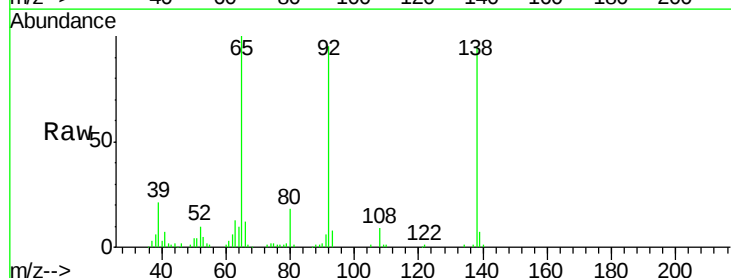
RT: 9.97 min Scan# 1340

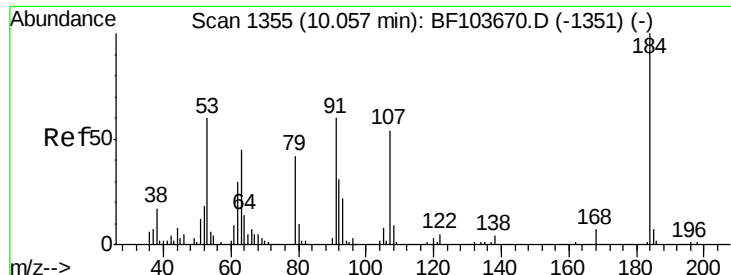
Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Tgt Ion:	138	Resp:	65334
Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.4	14.0
92	100.4	89.4	134.2





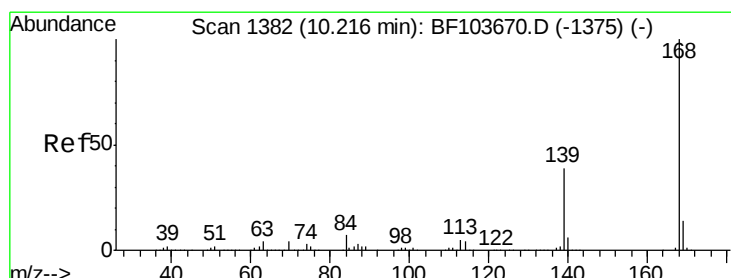
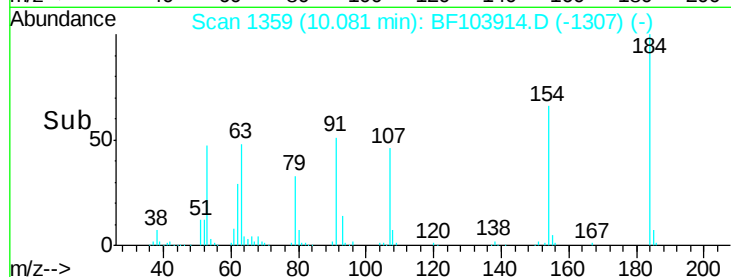
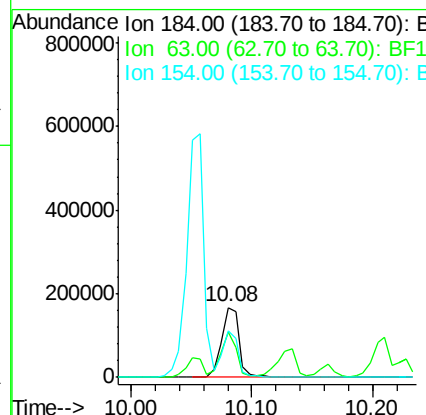
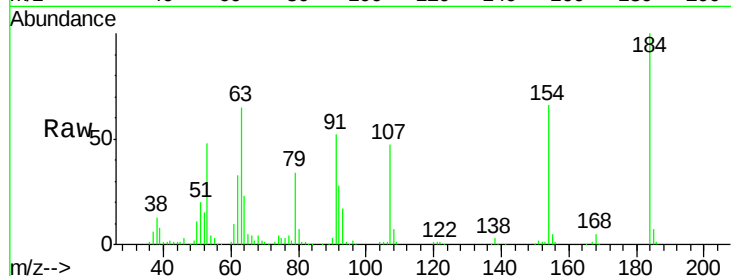
#53
2,4-Dinitrophenol
Concen: 103.317 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	167843		
63	65.4	54.2	81.2	
154	66.1	184.0	276.0	

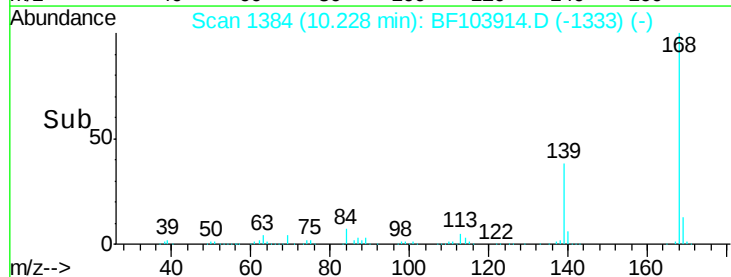
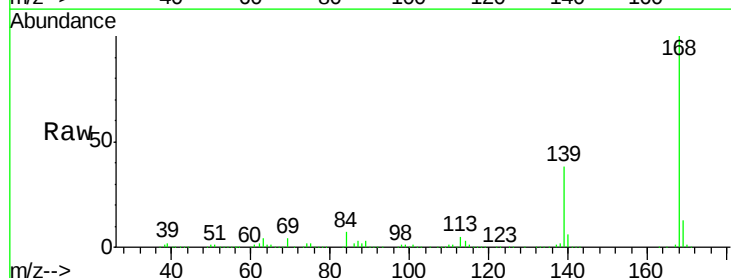
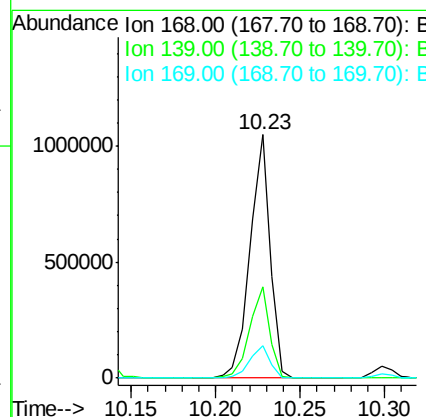
Manual Integrations
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#54
Dibenzofuran
Concen: 34.579 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	875061		
139	37.7	30.1	45.1	
169	13.3	10.9	16.3	





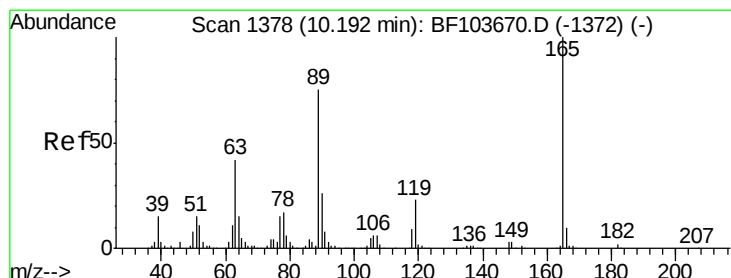
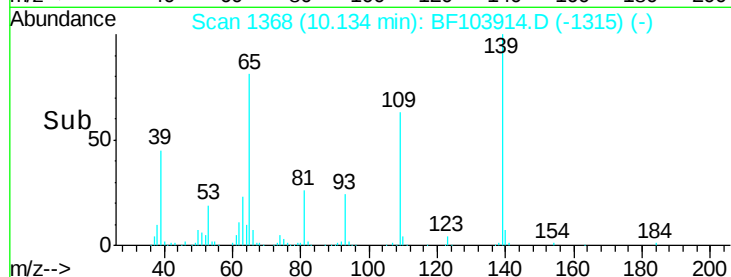
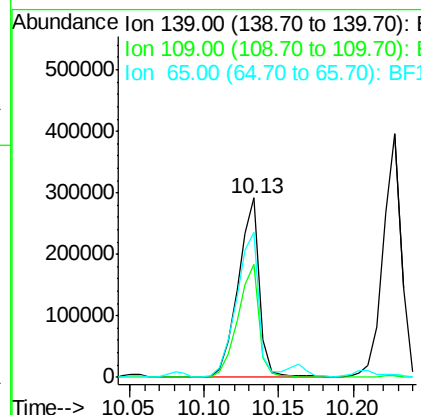
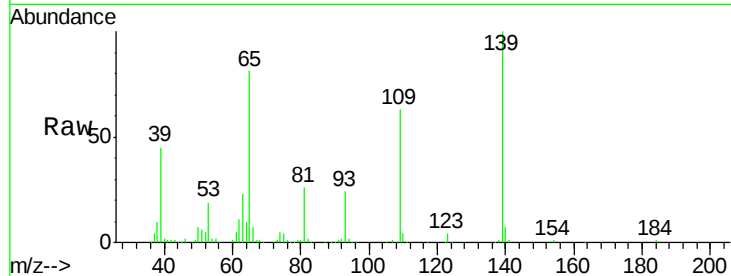
#55
4-Nitrophenol
Concen: 72.691 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	293056		
109	62.8	48.4	88.4	
65	81.1	72.6	112.6	

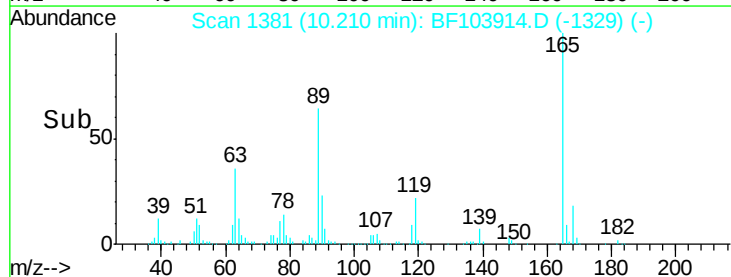
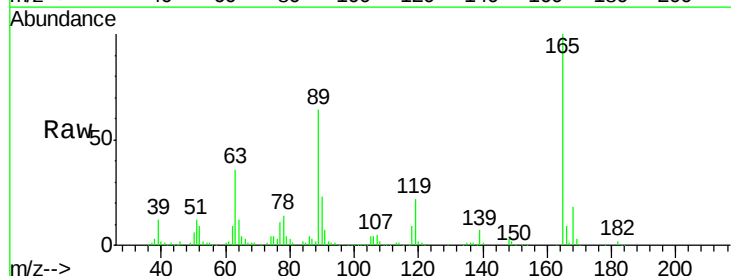
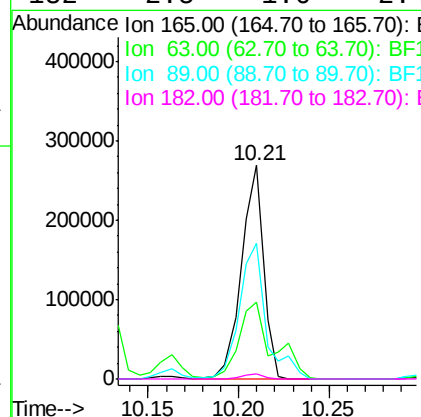
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#56
2,4-Dinitrotoluene
Concen: 42.954 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	229287		
63	36.1	36.4	54.6#	
89	63.6	57.8	86.6	
182	2.5	1.6	2.4#	





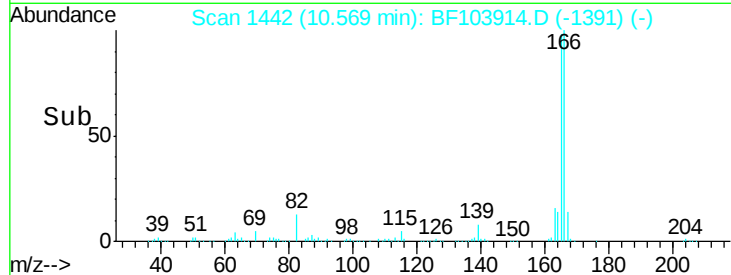
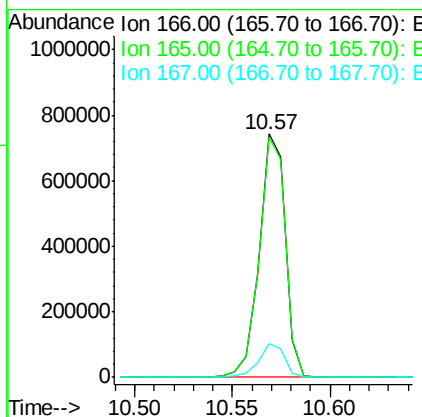
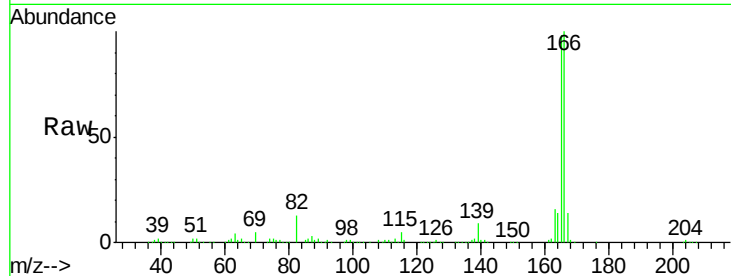
#57
Fluorene
 Concen: 34.806 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	14.0	10.6	16.0

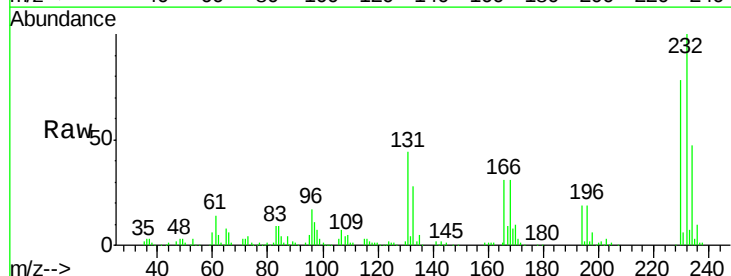
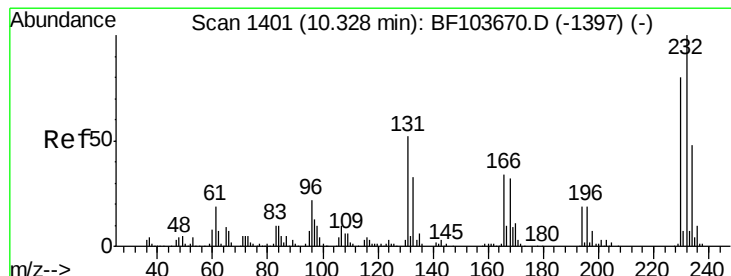
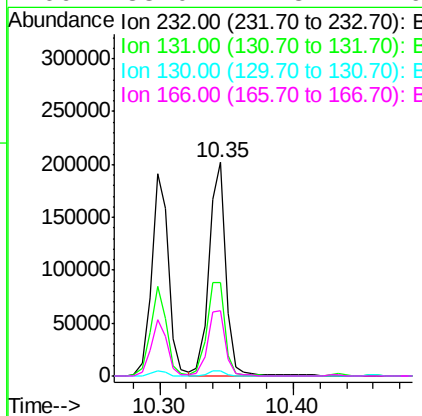
Manual Integrations
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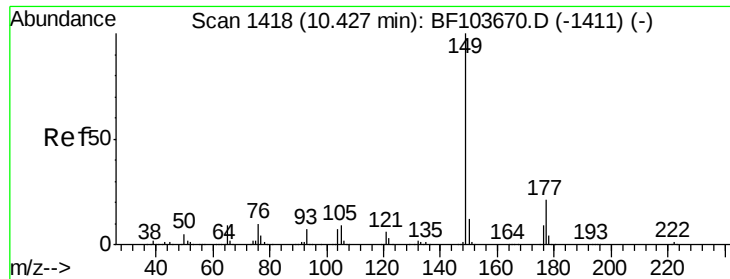
Sohil
 3/27/2018 2:15:21 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.739 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.3	43.8	65.8
130	2.2	2.1	3.1
166	33.0	27.8	41.6





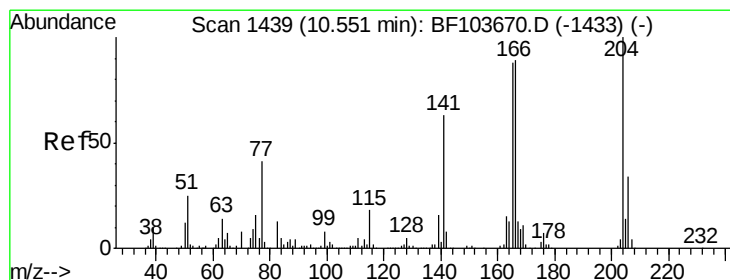
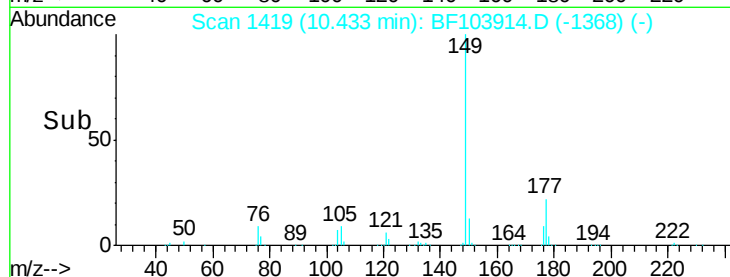
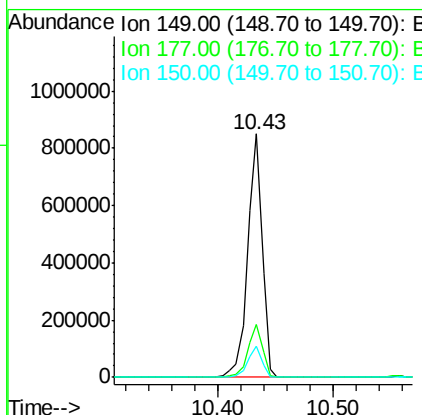
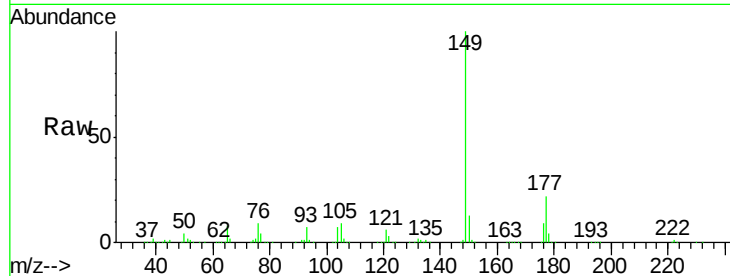
#59
Diethylphthalate
Concen: 33.559 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampled :
PB107596BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.6	10.1	15.1

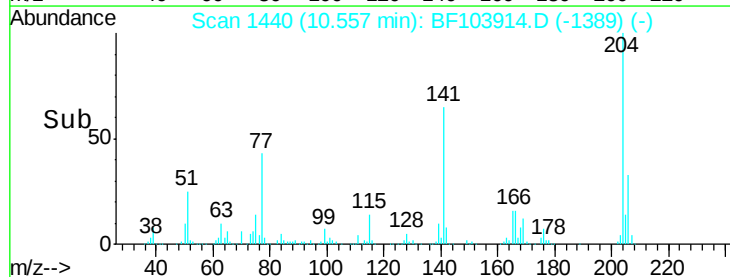
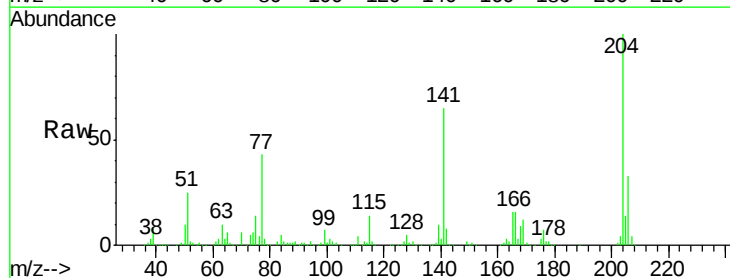
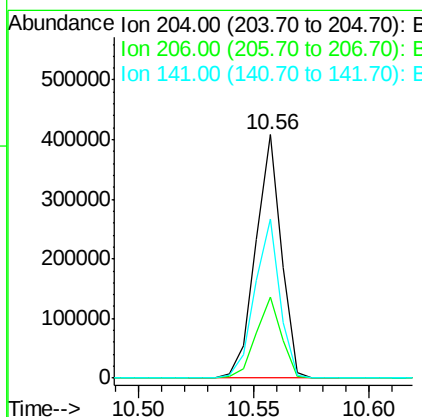
Manual Integrations
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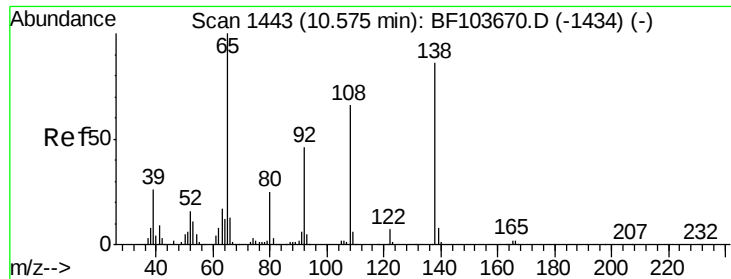
Sohil
3/27/2018 2:15:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.363 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	65.4	54.6	81.8





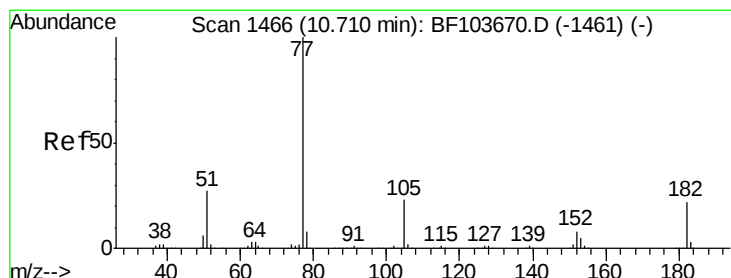
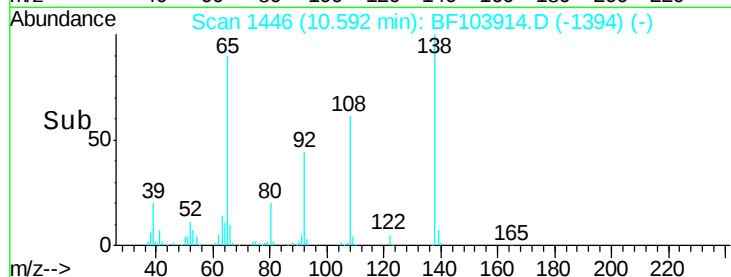
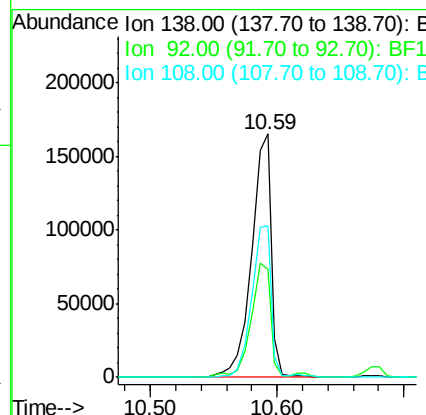
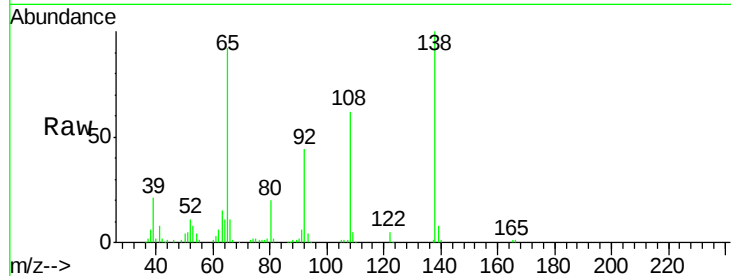
#61
4-Nitroaniline
Concen: 37.163 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampled :
PB107596BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.2	30.2	70.2
108	62.0	52.5	92.5

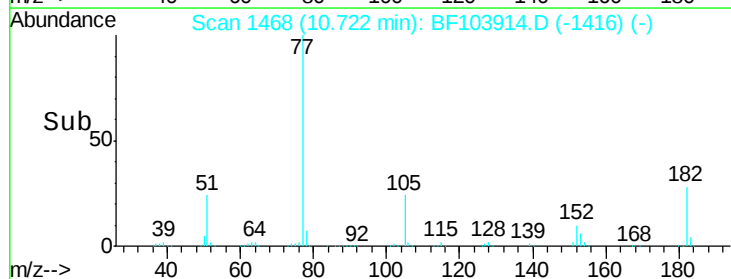
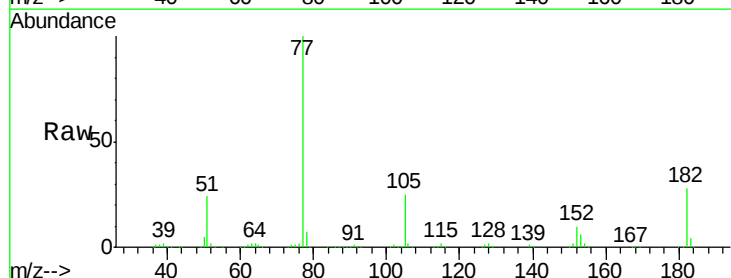
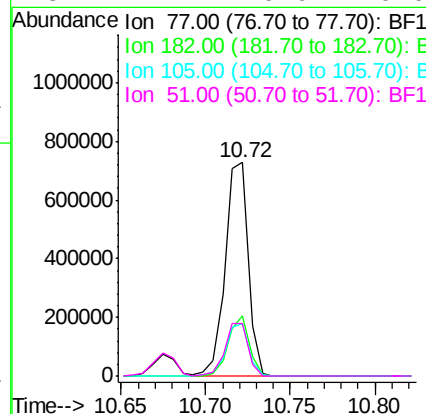
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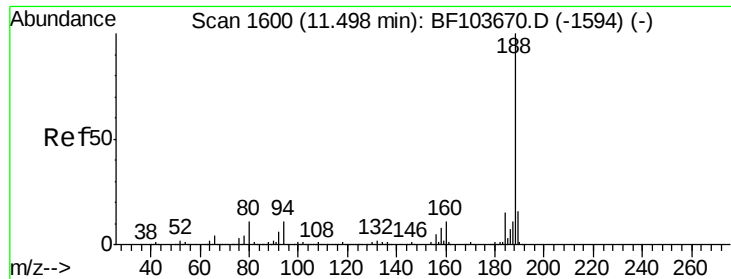
Sohil
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#62
Azobenzene
Concen: 30.904 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.3	1.7	41.7
105	24.8	3.0	43.0
51	24.4	9.9	49.9





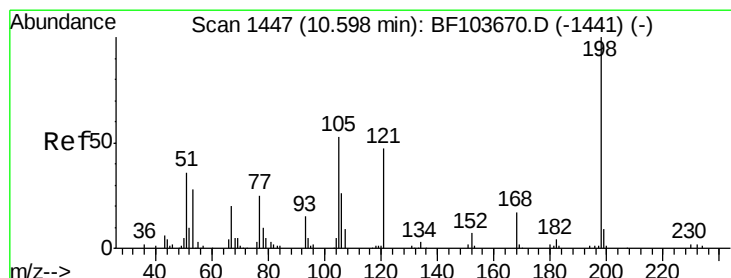
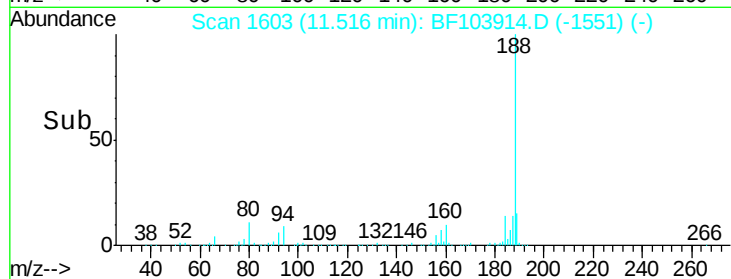
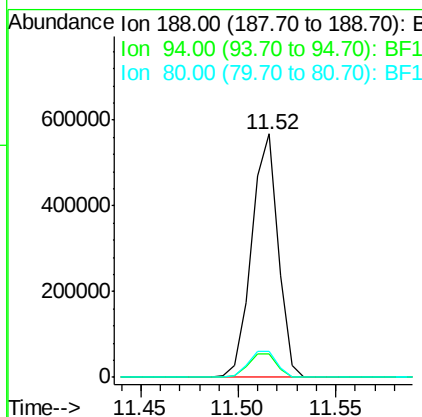
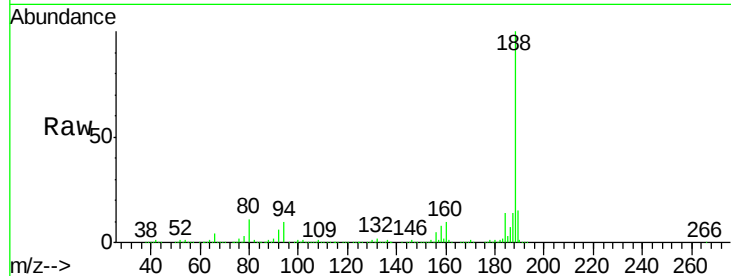
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	534436		
94	9.8		8.5	12.7
80	10.9		9.2	13.8

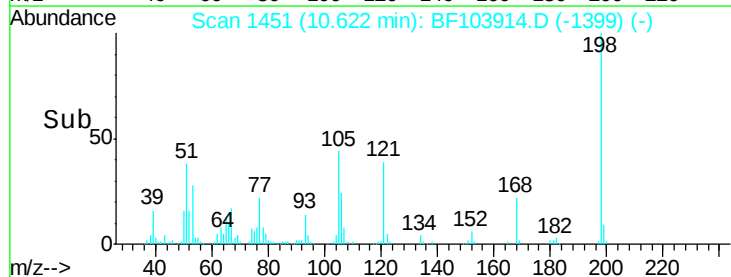
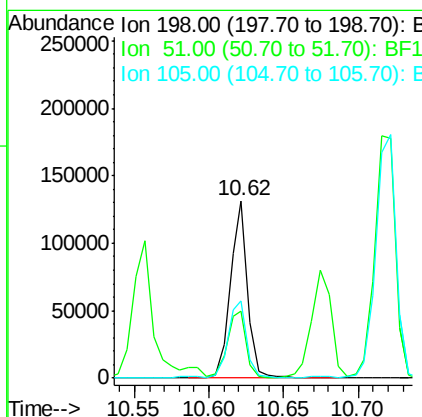
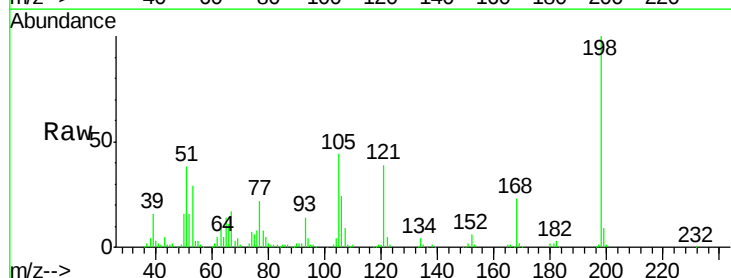
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#64
4,6-Dinitro-2-methylphenol
Concen: 52.334 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	107409		
51	37.7		37.7	77.7
105	43.7		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 33.616 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

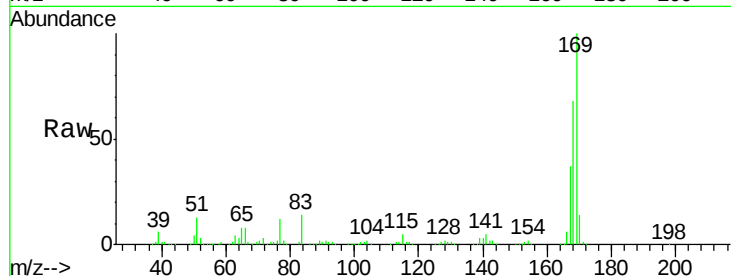
ClientSampleId :

PB107596BS

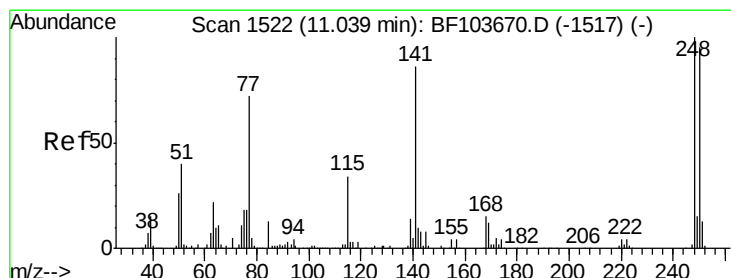
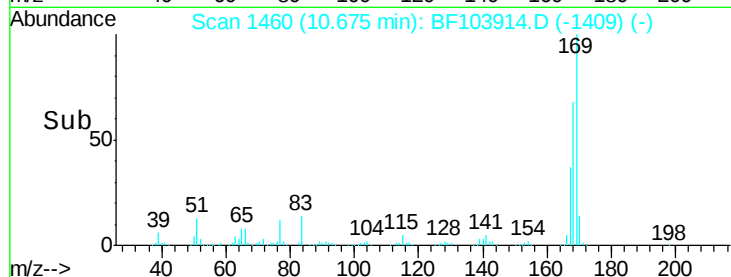
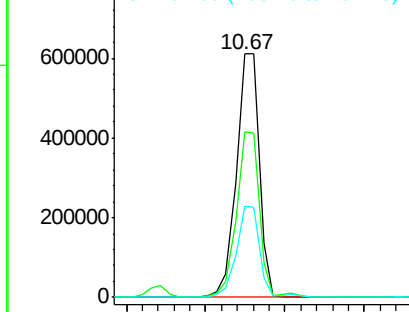
Tot Ion:	169	Resp:	611508
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.4	81.6
167	37.3	29.8	44.6

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



#66

4-Bromophenyl-phenylether

Concen: 35.635 ng

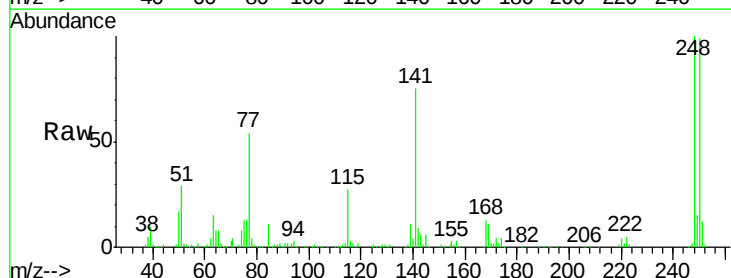
RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

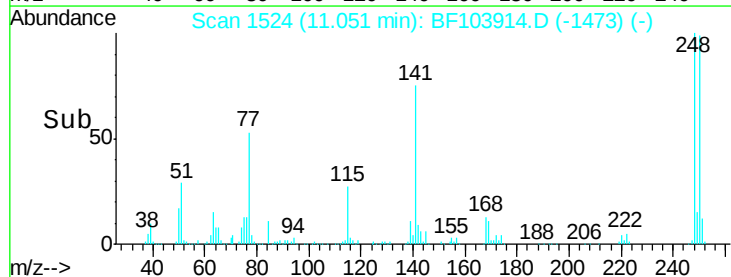
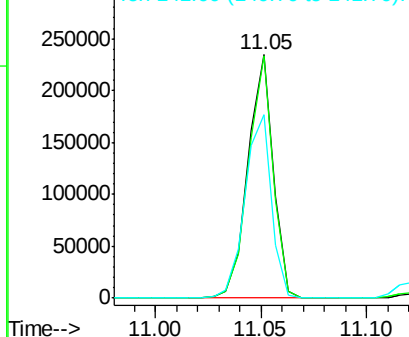
Lab File: BF103914.D

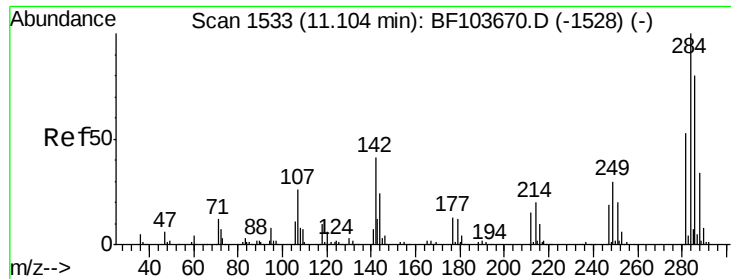
Acq: 26 Mar 2018 10:01

Tgt Ion:	248	Resp:	195540
Ion Ratio	Lower	Upper	
248	100		
250	99.3	76.9	115.3
141	75.1	74.4	111.6



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





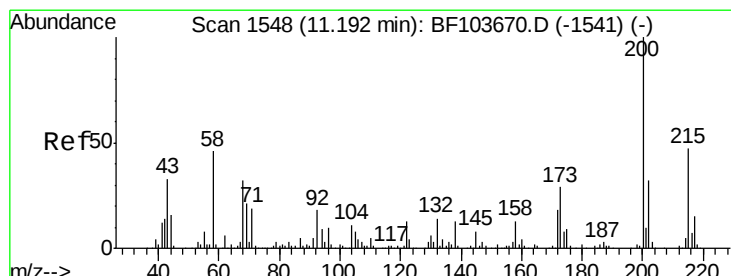
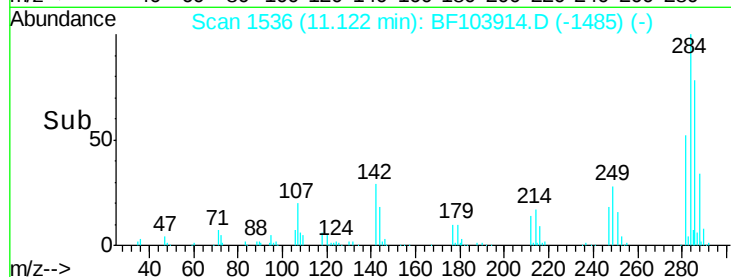
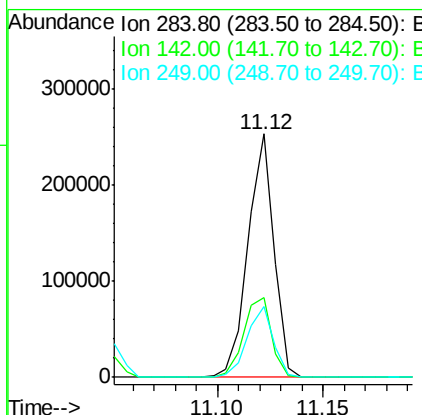
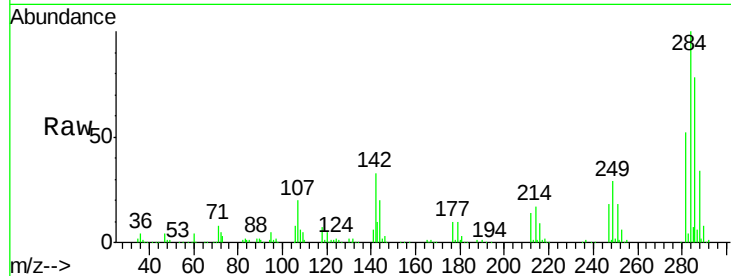
#67
Hexachlorobenzene
Concen: 34.545 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	216352		
142	32.8	34.6	52.0	
249	29.2	24.8	37.2	

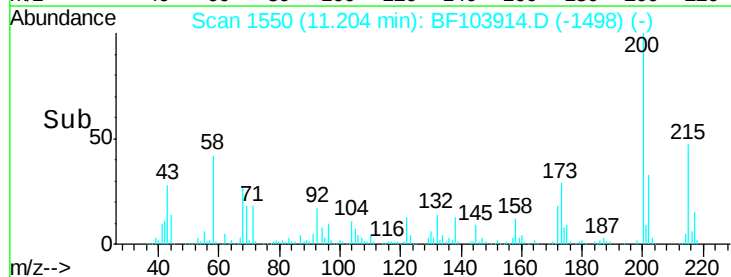
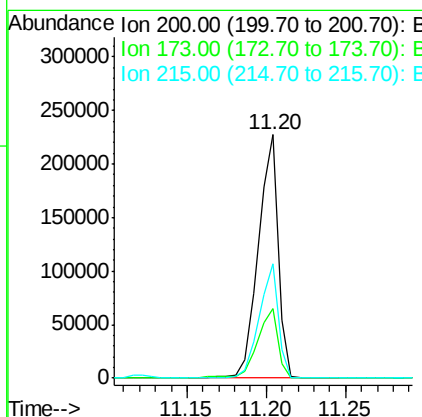
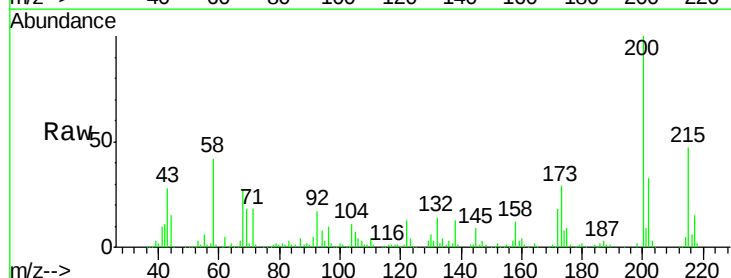
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#68
Atrazine
Concen: 35.521 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	199890		
173	28.7	8.6	48.6	
215	47.1	25.1	65.1	





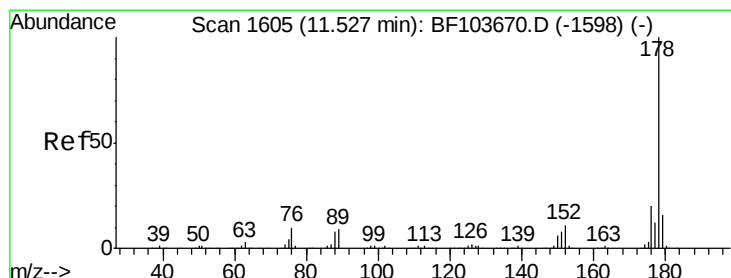
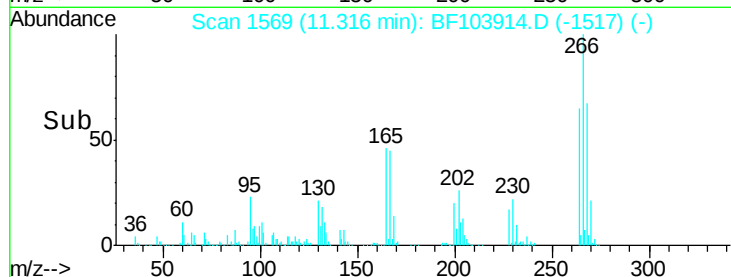
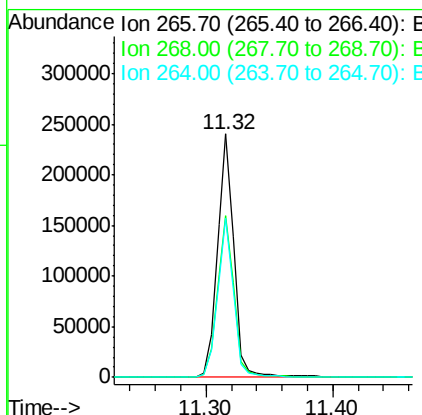
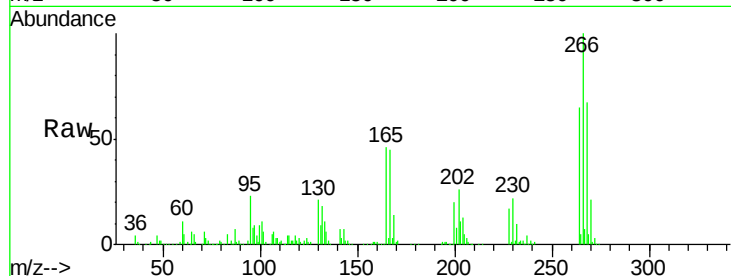
#69
 Pentachlorophenol
 Concen: 61.429 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.1	76.7
264	65.3	49.5	74.3

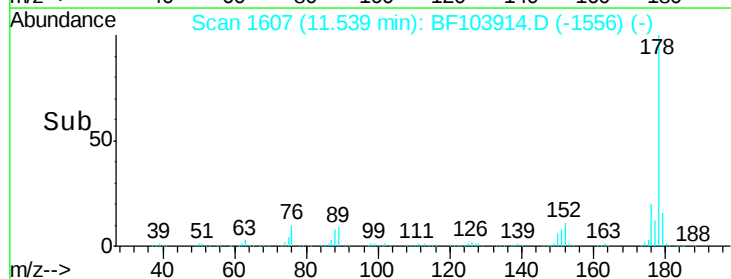
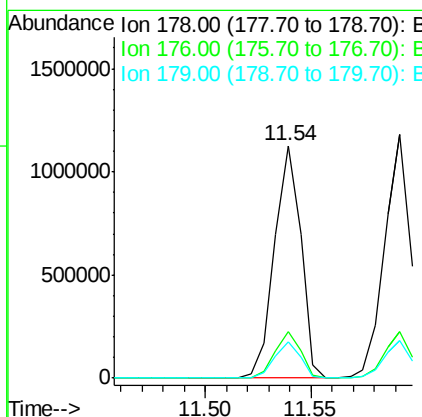
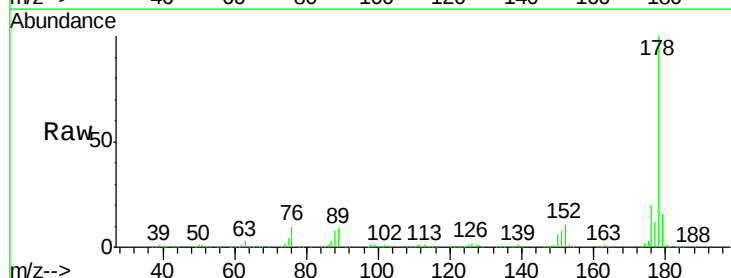
Manual Integrations
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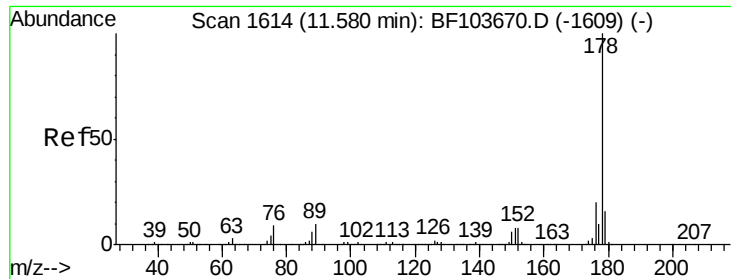
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#70
 Phenanthrene
 Concen: 33.620 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6





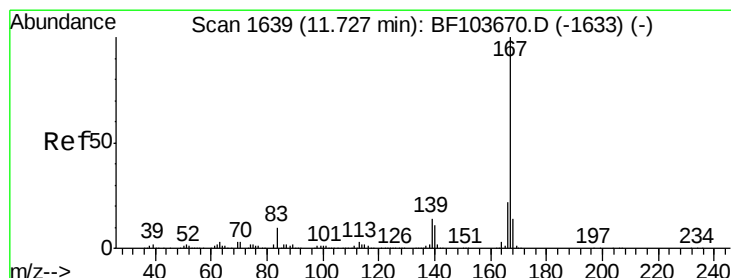
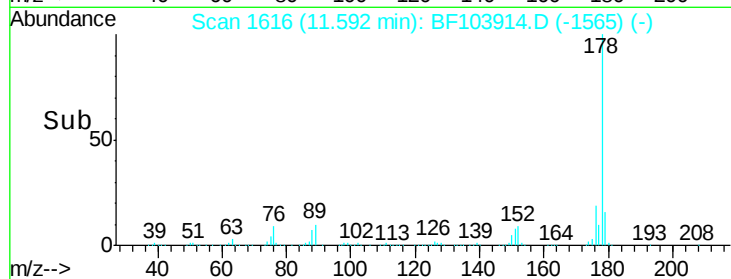
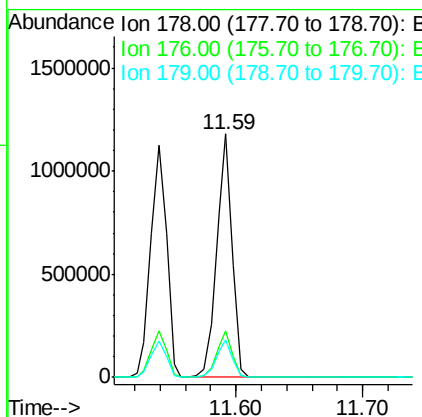
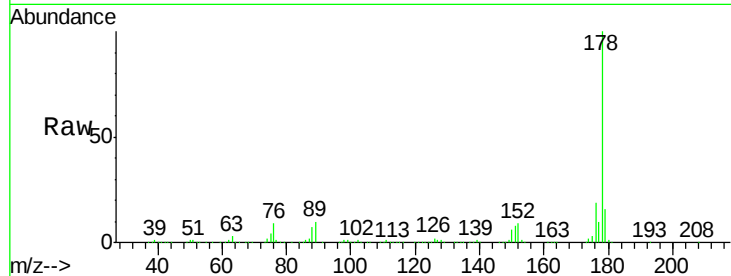
#71
 Anthracene
 Concen: 34.105 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

Tot Ion:178 Resp: 1012673
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0

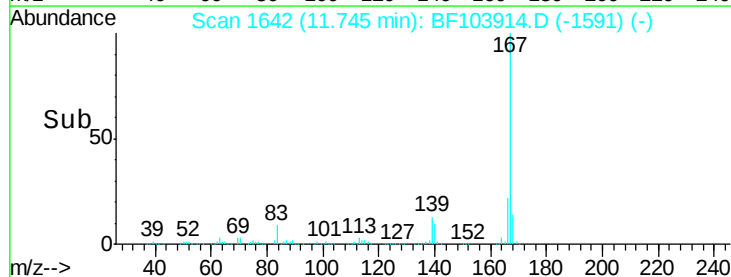
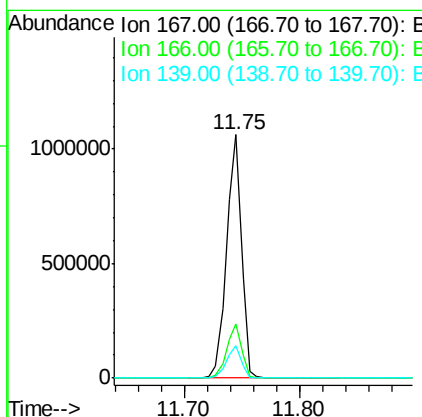
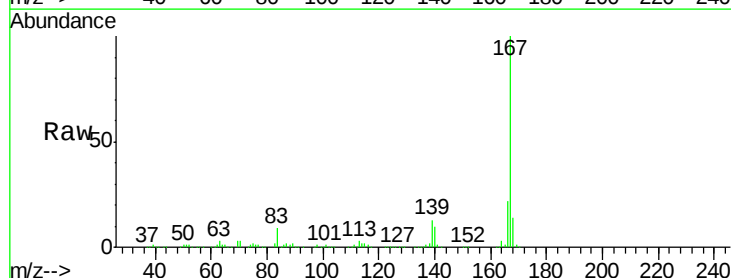
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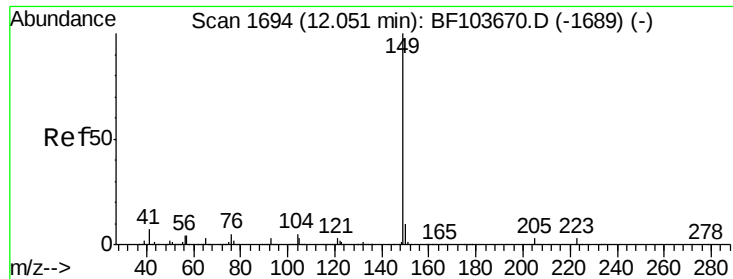
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#72
 Carbazole
 Concen: 32.896 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Tgt Ion:167 Resp: 949370
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.502 ng

RT: 12.06 min Scan# 1696

Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

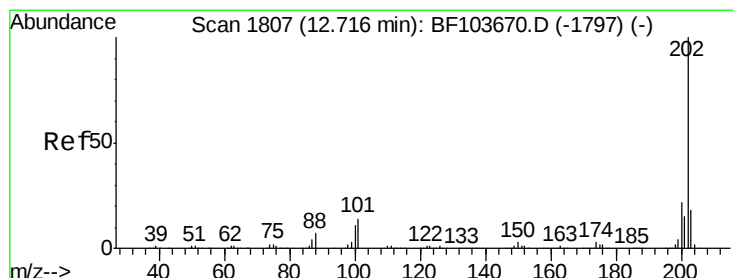
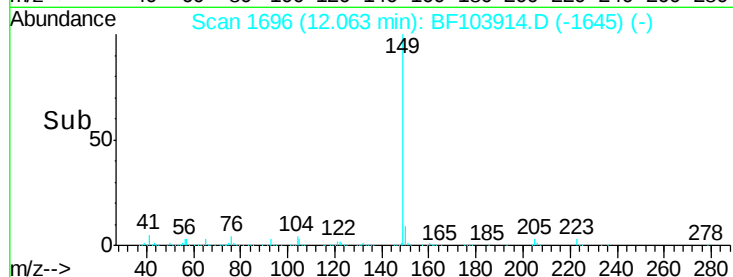
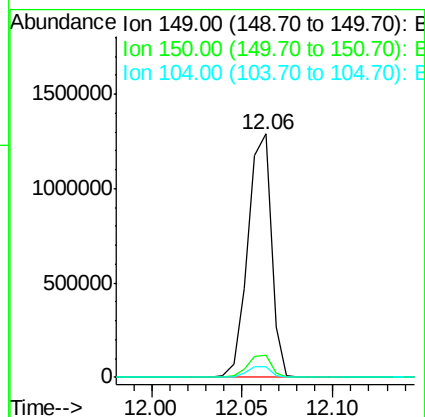
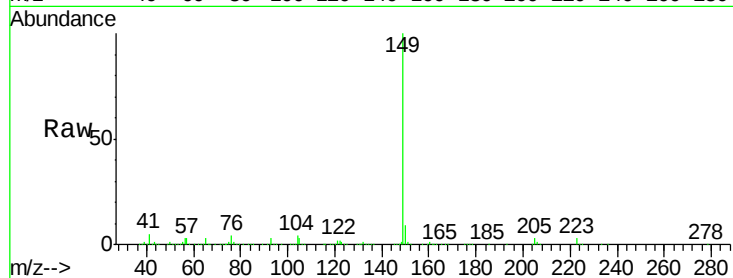
ClientSampleId :

PB107596BS

Tot Ion:	149	Resp:	1160135
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.4	3.8	5.8

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#74

Fluoranthene

Concen: 34.534 ng

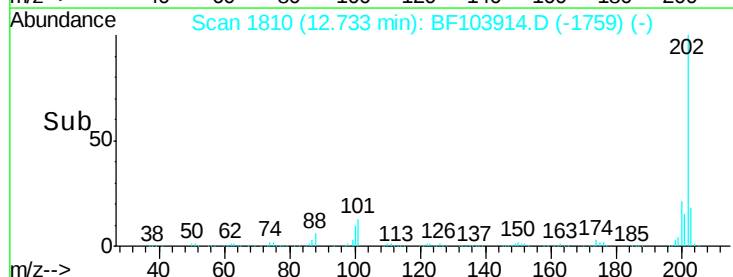
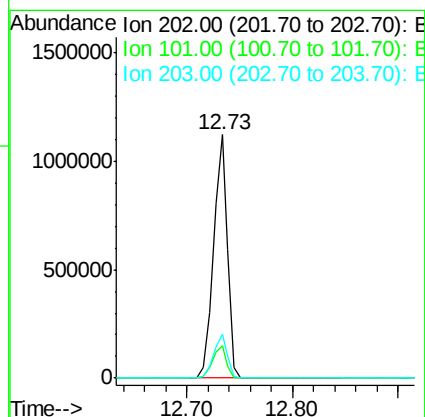
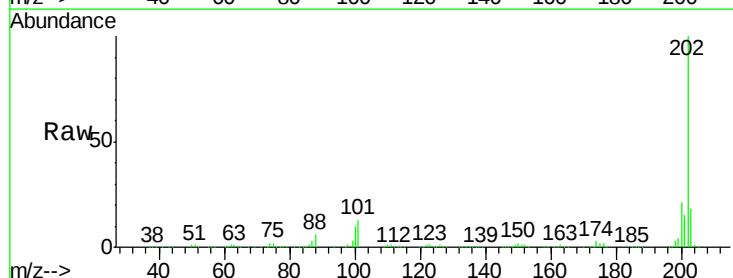
RT: 12.73 min Scan# 1810

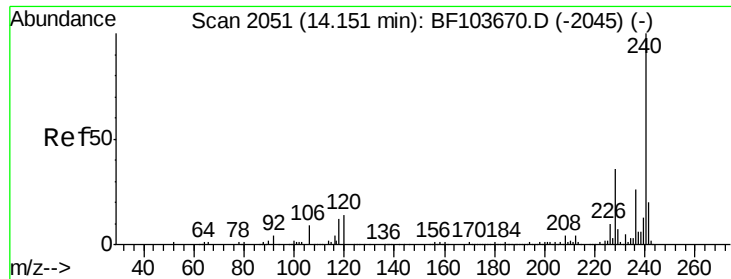
Delta R.T. 0.00 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Tgt Ion:	202	Resp:	1040130
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BF103914.D

Acq: 26 Mar 2018 10:01

Instrument :

BNA_F

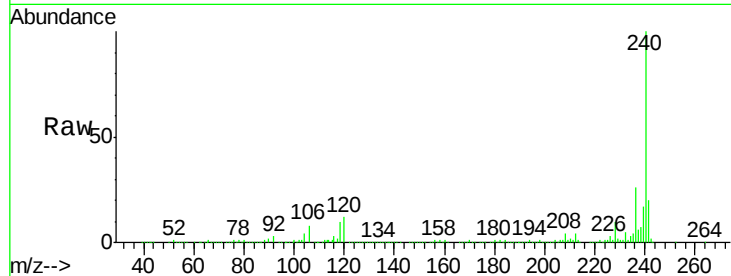
ClientSampleId :

PB107596BS

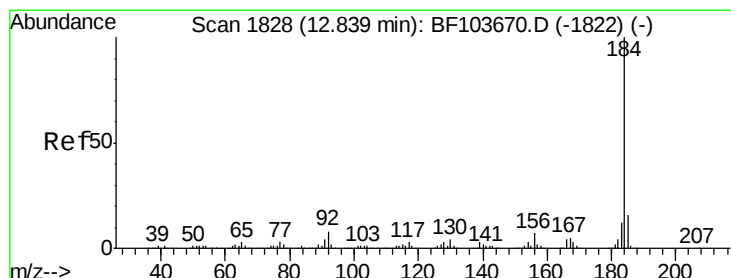
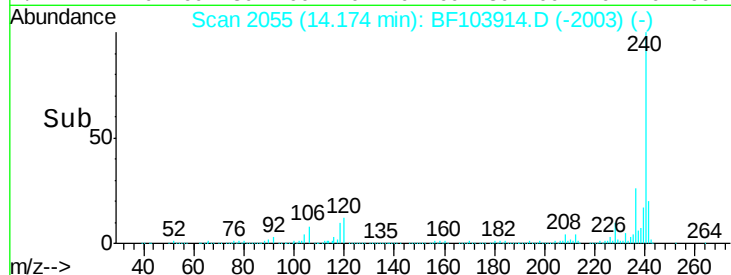
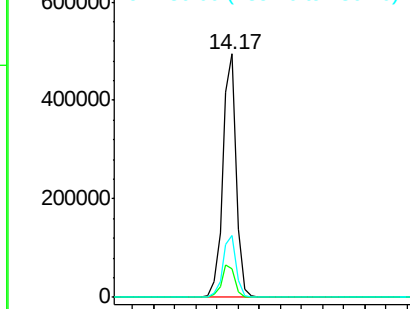
Tot Ion:	240	Resp:	439431
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	25.7	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.938 ng

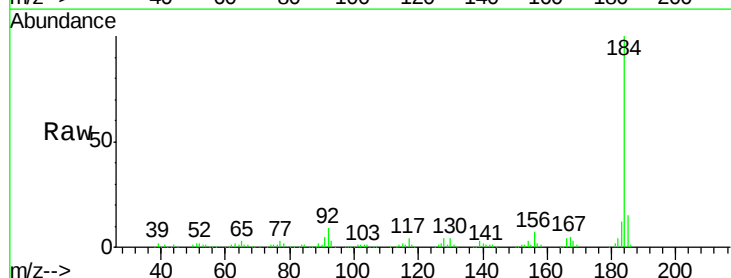
RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

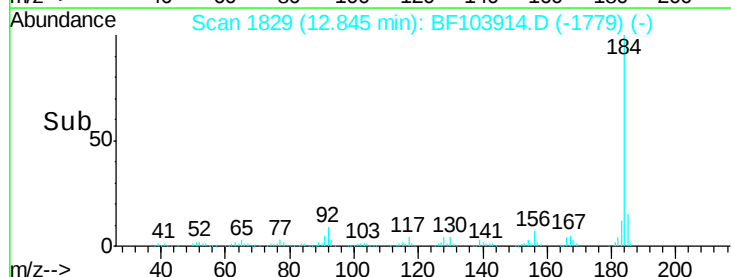
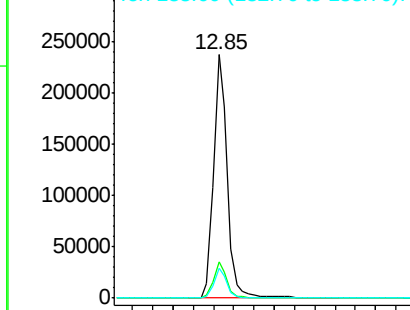
Lab File: BF103914.D

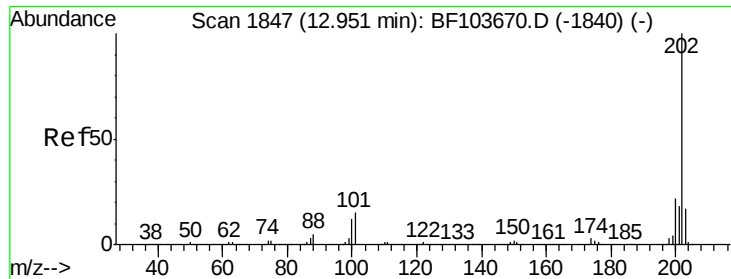
Acq: 26 Mar 2018 10:01

Tgt Ion:	184	Resp:	223743
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	12.1	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





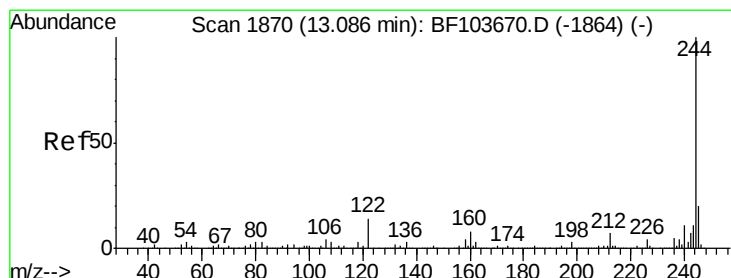
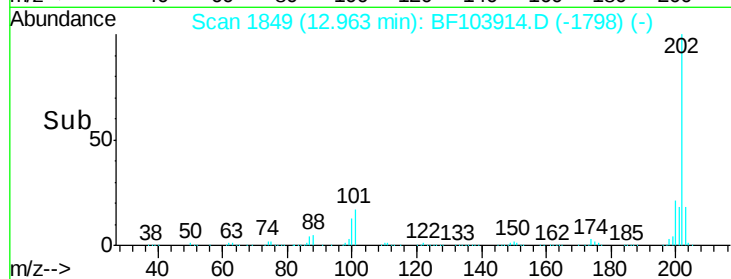
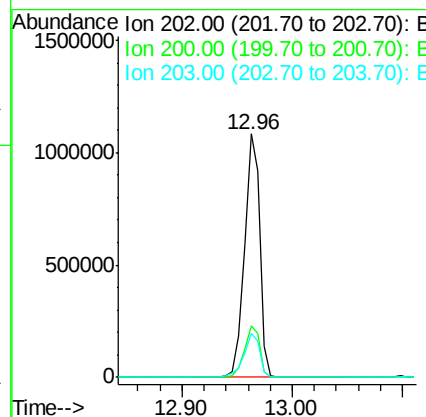
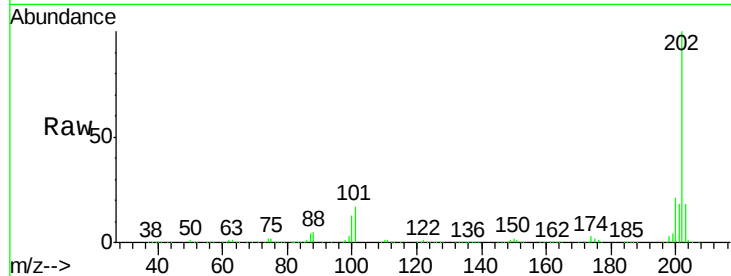
#77
Pvrene
Concen: 32.542 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.9	14.3	21.5

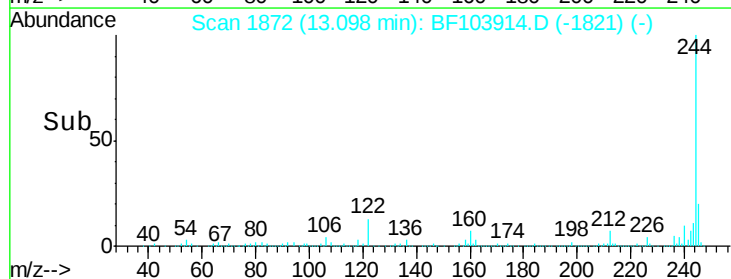
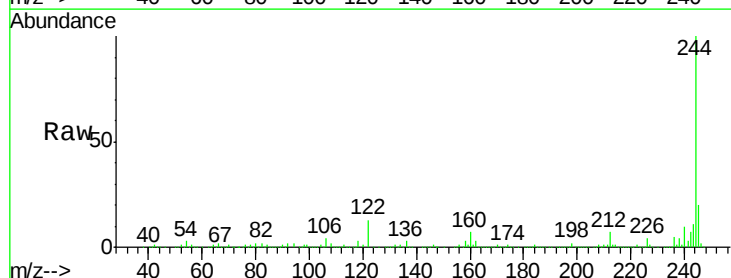
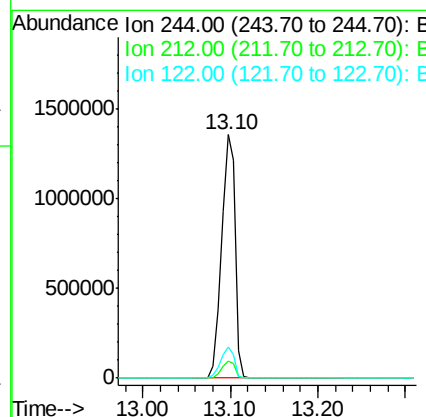
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#78
Terphenyl-d14
Concen: 77.124 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.8	11.0	16.4





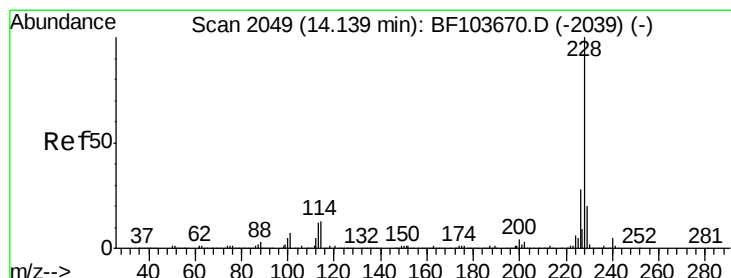
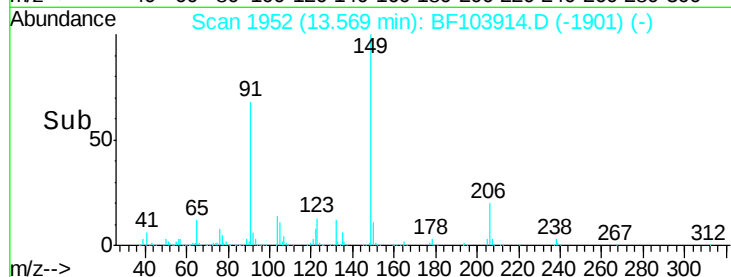
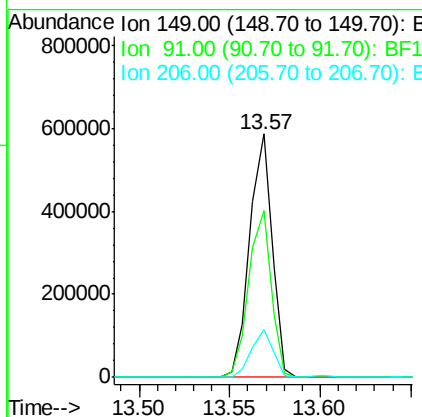
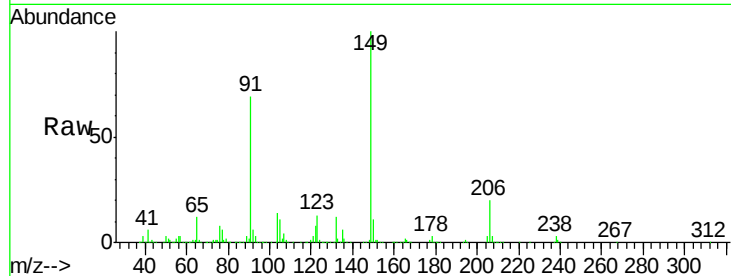
#79
Butylbenzylphthalate
Concen: 35.525 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	507940		
91	68.5	56.8	85.2	
206	19.8	14.1	21.1	

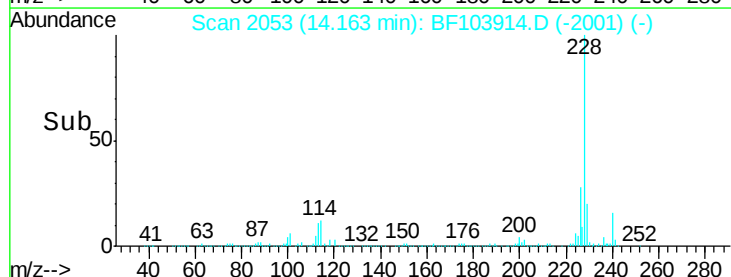
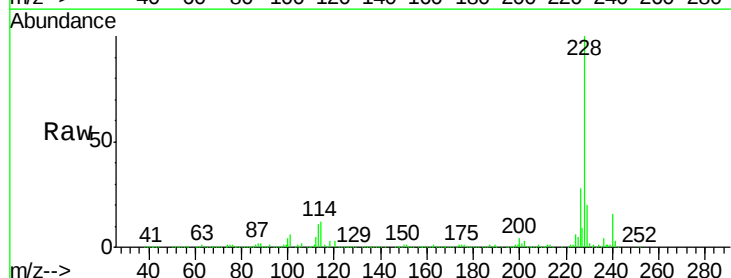
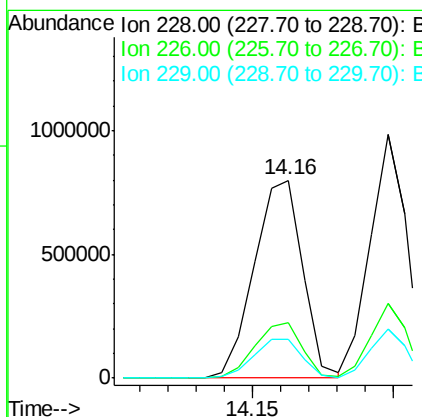
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#80
Benzo(a)anthracene
Concen: 34.211 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	951598		
226	28.0	22.6	33.8	
229	19.7	15.8	23.6	





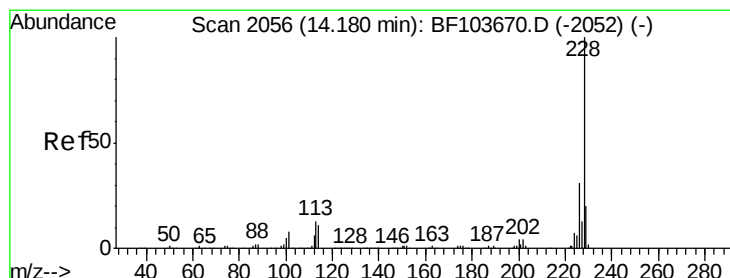
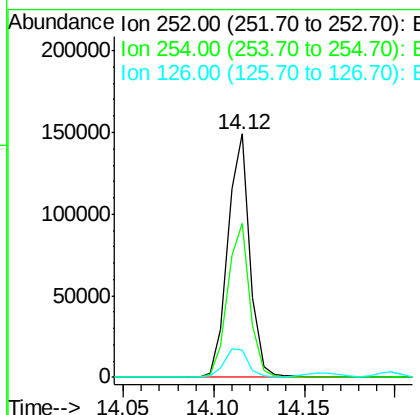
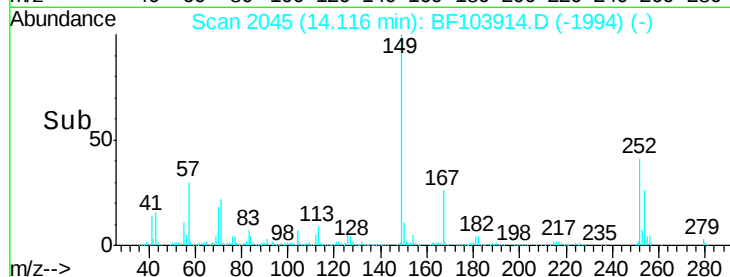
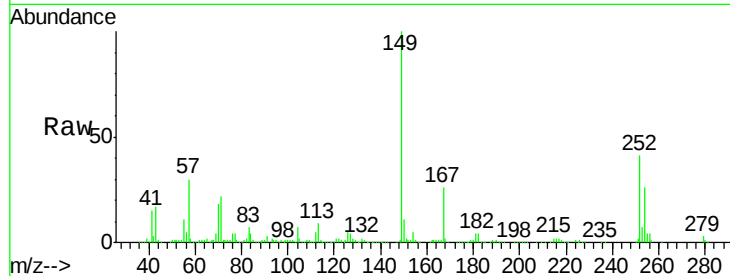
#81
 3,3'-Dichlorobenzidine
 Concen: 13.530 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.5	50.4	75.6
126	11.3	11.3	16.9

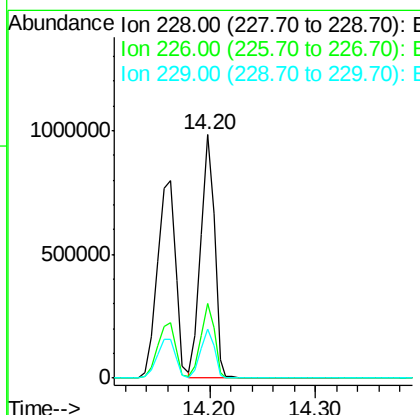
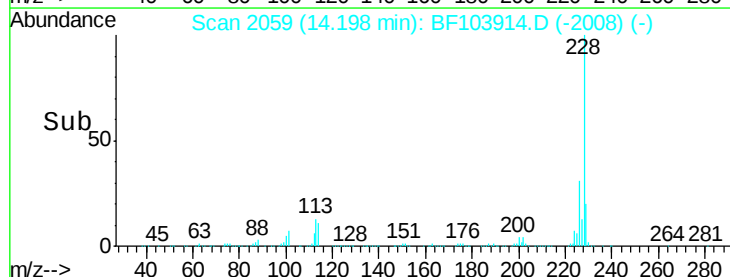
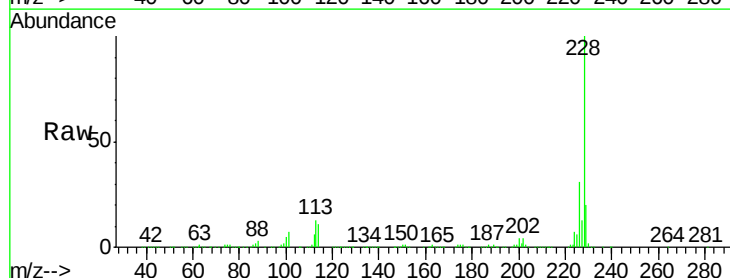
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#82
 Chrysene
 Concen: 33.338 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.9	16.2	24.4





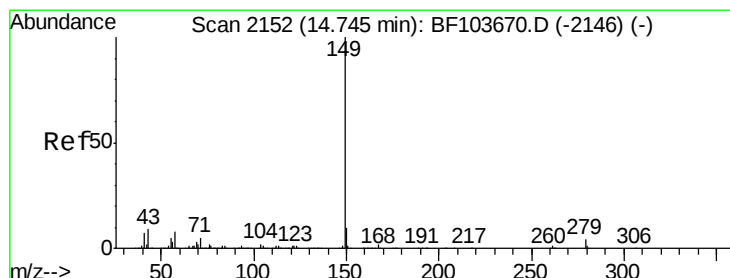
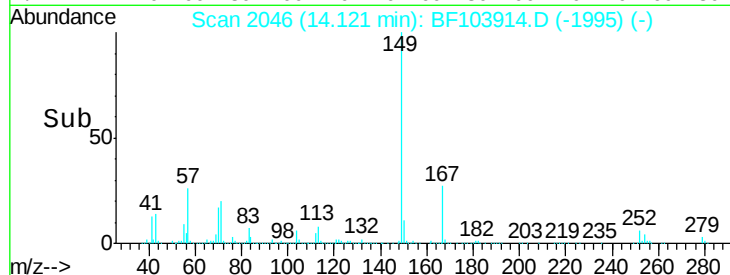
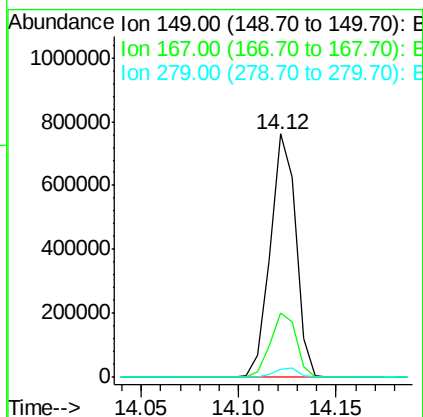
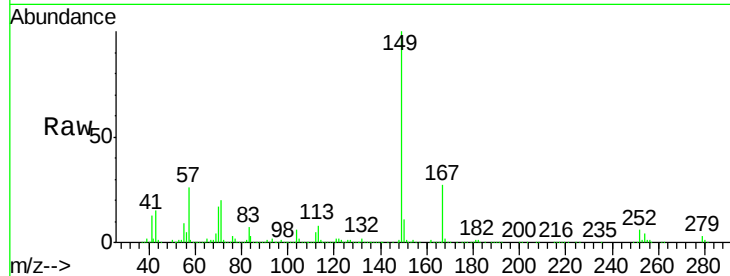
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.870 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.2	3.0	4.4

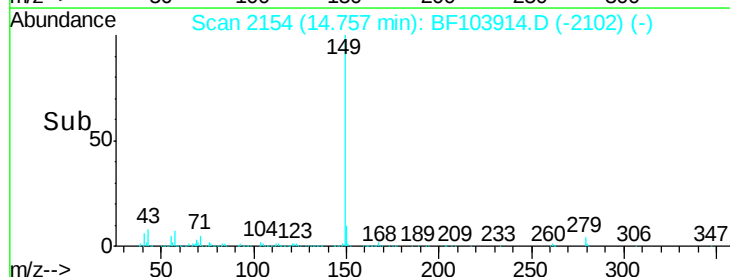
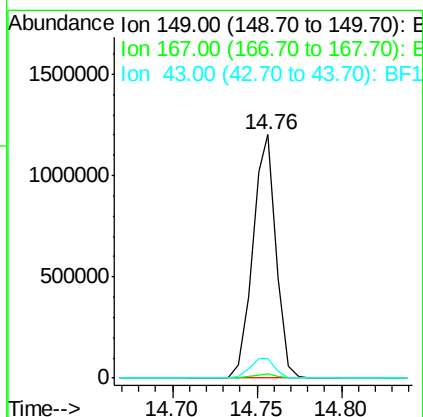
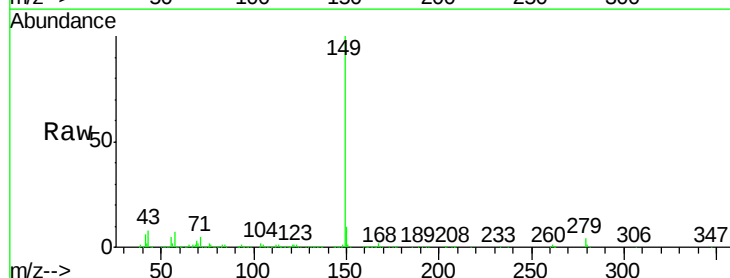
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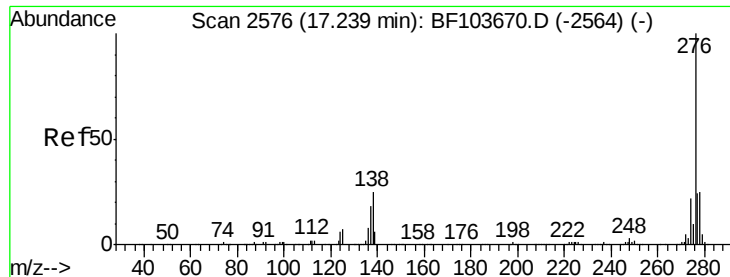
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#84
 Di-n-octyl phthalate
 Concen: 38.773 ng
 RT: 14.76 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	8.4	12.6#





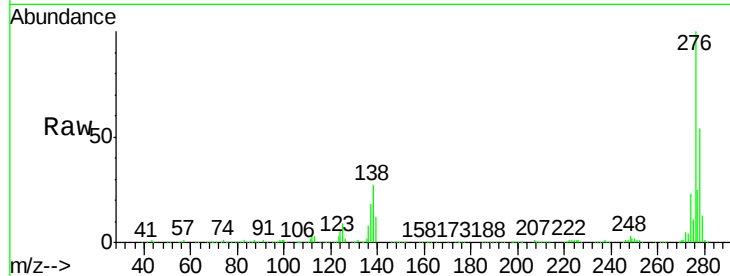
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.521 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

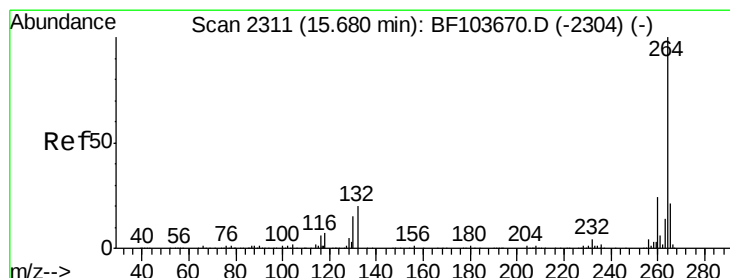
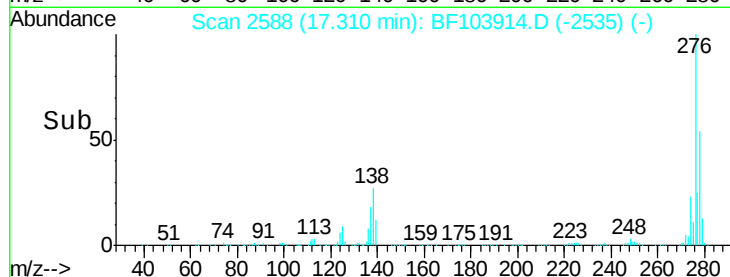
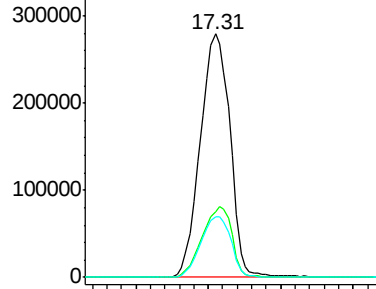
Tot Ion	Ratio	Resp	Lower	Upper
276	100	799360		
138	29.1	25.0	37.6	
277	25.5	20.1	30.1	

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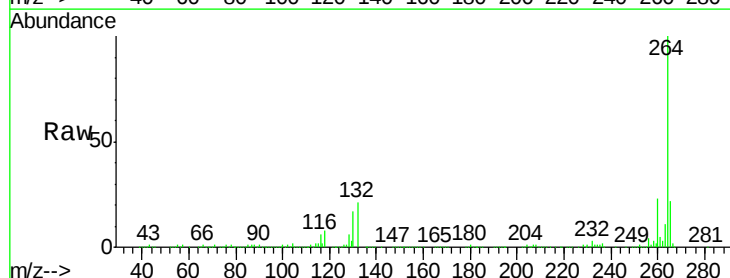


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

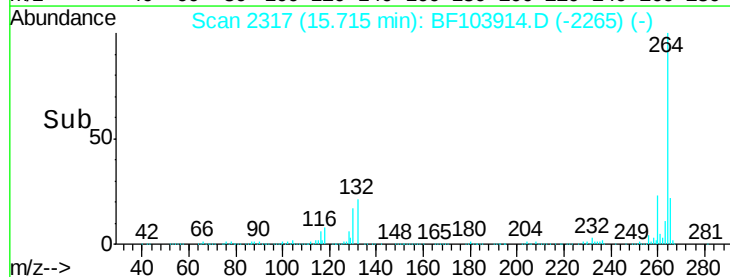
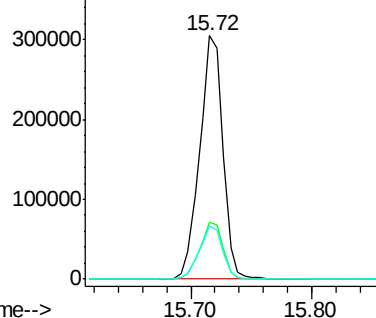


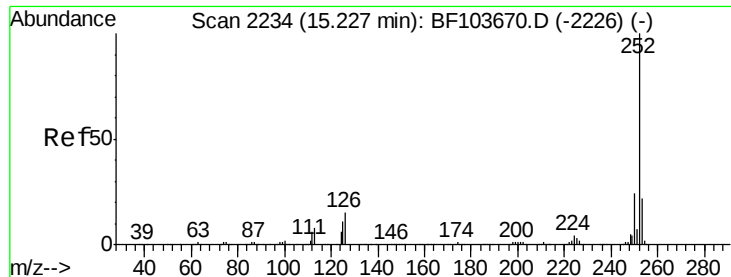
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	408064		
260	23.3	19.2	28.8	
265	21.5	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





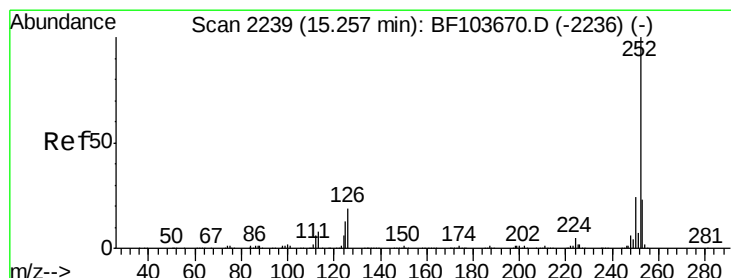
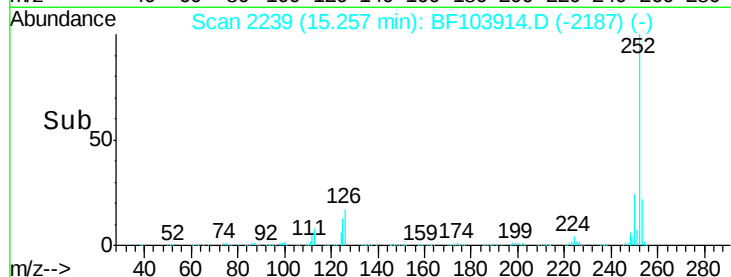
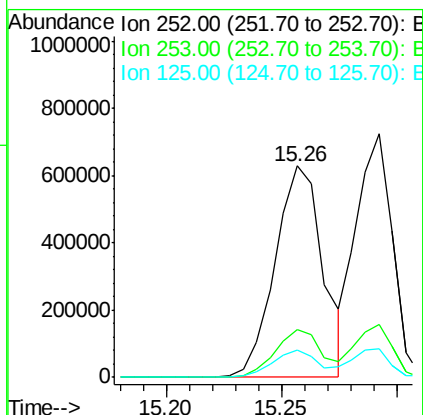
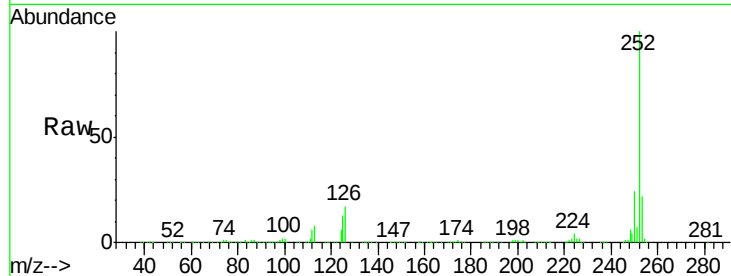
#87
Benzo(b)fluoranthene
Concen: 35.093 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	12.8	9.0	13.6

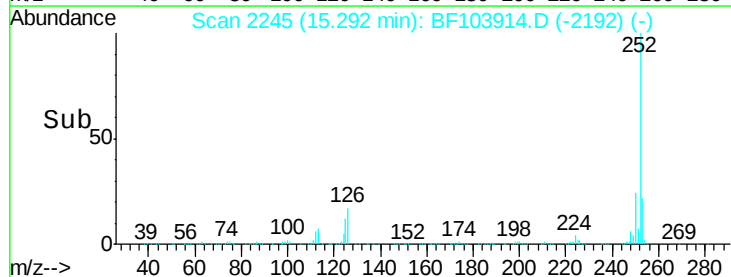
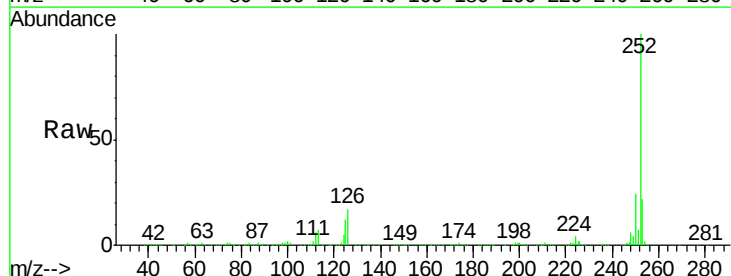
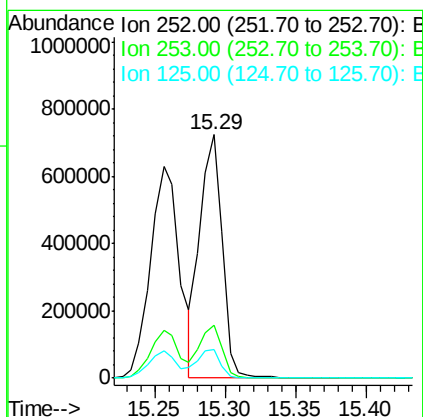
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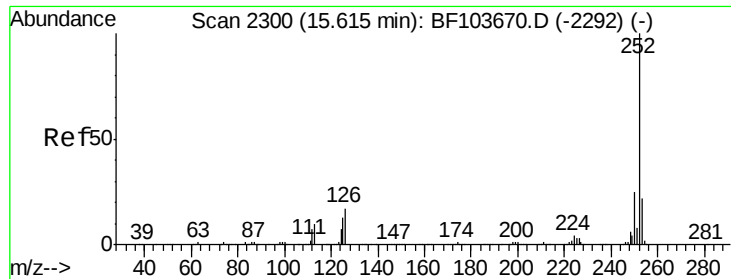
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#88
Benzo(k)fluoranthene
Concen: 32.044 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.9	10.2	15.2





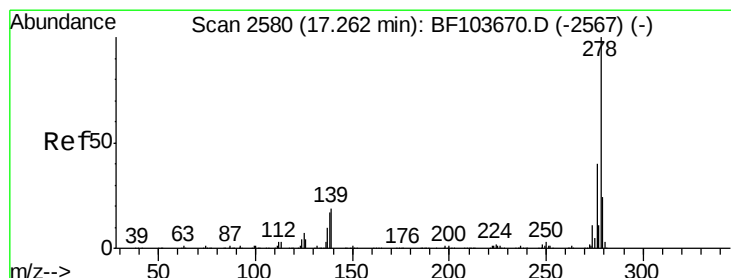
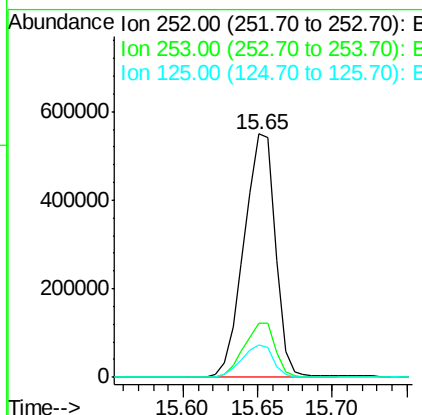
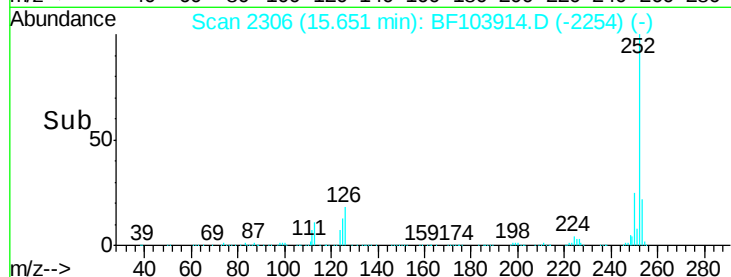
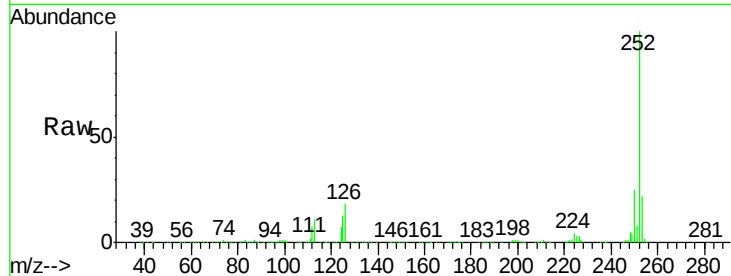
#89
Benzo(a)pyrene
Concen: 34.306 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB107596BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.4	9.8	14.6

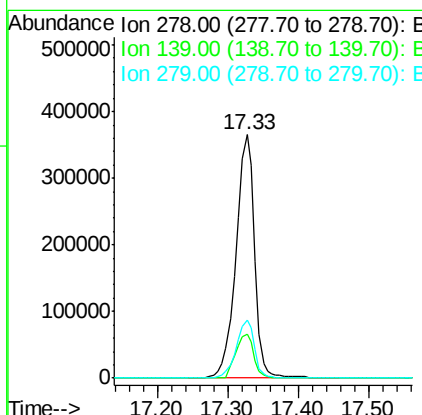
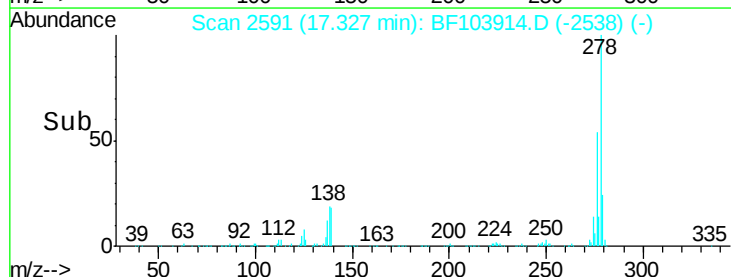
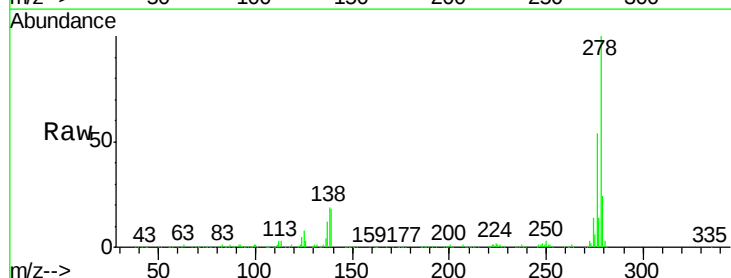
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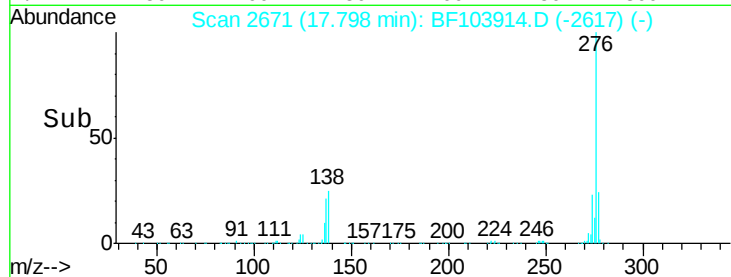
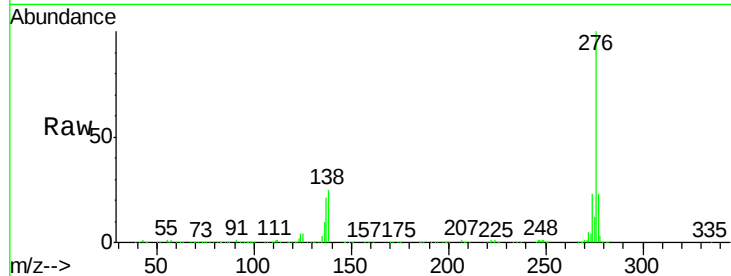
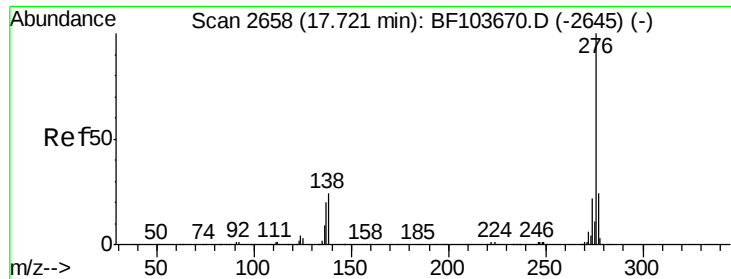
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#90
Dibenzo(a,h)anthracene
Concen: 33.058 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF103914.D
Acq: 26 Mar 2018 10:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.406 ng
 RT: 17.80 min Scan# 2671
 Delta R.T. 0.02 min
 Lab File: BF103914.D
 Acq: 26 Mar 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB107596BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	24.7	21.8	32.8

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