

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103760.D
 Acq On : 19 Mar 2018 17:22
 Operator : JU/SJ
 Sample : PB107477BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107477BS

Manual Integrations
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Sohil
 3/20/2018 6:26:32 PM

Quant Time: Mar 20 09:02:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160300	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	657361	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	308869	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	569801	20.00	ng	0.01
75) Chrysene-d12	14.16	240	441046	20.00	ng	0.01
86) Perylene-d12	15.70	264	366384	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1191891	113.09	ng	0.02
7) Phenol-d6	6.60	99	1485933	115.24	ng	0.01
23) Nitrobenzene-d5	7.54	82	932841	98.96	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	367640	138.44	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1589536	82.09	ng	0.00
78) Terphenyl-d14	13.10	244	1581732	83.24	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	182408	35.149	ng	# 90
3) Pyridine	3.67	79	497568	34.859	ng	86
4) n-Nitrosodimethylamine	3.63	42	197485	37.523	ng	# 77
6) Aniline	6.63	93	391038	21.239	ng	97
8) 2-Chlorophenol	6.76	128	457834	41.469	ng	98
9) Benzaldehyde	6.52	77	155766	18.388	ng	100
10) Phenol	6.61	94	544828	39.765	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	445114	39.354	ng	97
12) 1,3-Dichlorobenzene	6.92	146	476198	37.870	ng	98
13) 1,4-Dichlorobenzene	6.99	146	481403	38.099	ng	100
14) 1,2-Dichlorobenzene	7.15	146	443546	37.829	ng	97
15) Benzyl Alcohol	7.11	79	395766	39.615	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	600713	37.341	ng	94
17) 2-Methylphenol	7.22	107	393800	40.054	ng	99
18) Hexachloroethane	7.48	117	179375	40.358	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	303102	36.681	ng	94
20) 3+4-Methylphenols	7.37	107	474552	38.034	ng	89
22) Acetophenone	7.38	105	604707	35.793	ng	# 93
24) Nitrobenzene	7.56	77	481394	43.499	ng	94
25) Isophorone	7.79	82	888846	40.732	ng	100
26) 2-Nitrophenol	7.87	139	254216	57.941	ng	94
27) 2,4-Dimethylphenol	7.90	122	433893	46.414	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	563501	42.645	ng	99
29) 2,4-Dichlorophenol	8.11	162	380455	44.733	ng	95
30) 1,2,4-Trichlorobenzene	8.19	180	388028	39.336	ng	99
31) Naphthalene	8.28	128	1295585	39.016	ng	100
32) Benzoic acid	8.00	122	171891m	30.587	ng	
33) 4-Chloroaniline	8.32	127	136128	9.771	ng	97
34) Hexachlorobutadiene	8.39	225	204845	37.875	ng	99
35) Caprolactam	8.70	113	124076m	42.366	ng	
36) 4-Chloro-3-methylphenol	8.80	107	414069	44.162	ng	98
37) 2-Methylnaphthalene	8.97	142	856770	40.686	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	347160	39.398	ng	99
40) Hexachlorocyclopentadiene	9.12	237	425255	93.527	ng	99

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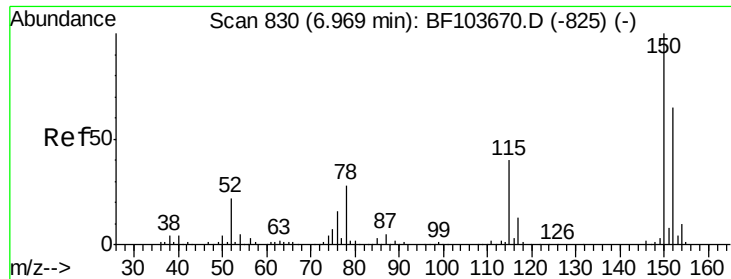
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	265032	47.023	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	277222	43.578	ng	95
45) 1,1'-Biphenyl	9.43	154	986531	38.304	ng	100
46) 2-Chloronaphthalene	9.46	162	798529	39.036	ng	98
47) 2-Nitroaniline	9.55	65	255355	47.758	ng	98
48) Acenaphthylene	9.88	152	1216441	38.348	ng	100
49) Dimethylphthalate	9.73	163	951988	40.398	ng	99
50) 2,6-Dinitrotoluene	9.79	165	219920	48.223	ng	98
51) Acenaphthene	10.05	154	807108	42.851	ng	99
52) 3-Nitroaniline	9.96	138	144192	28.110	ng	98
53) 2,4-Dinitrophenol	10.07	184	164701	98.832	ng	# 16
54) Dibenzofuran	10.22	168	1088066	40.447	ng	98
55) 4-Nitrophenol	10.12	139	402651	92.500	ng	96
56) 2,4-Dinitrotoluene	10.20	165	298117	51.151	ng	# 86
57) Fluorene	10.57	166	823365	39.444	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	226056	50.150	ng	95
59) Diethylphthalate	10.43	149	924704	39.536	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	381639	40.005	ng	99
61) 4-Nitroaniline	10.59	138	239246	45.695	ng	95
62) Azobenzene	10.72	77	892925	37.551	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	124594	55.351	ng	81
65) n-Nitrosodiphenylamine	10.67	169	763356	39.358	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	237408	40.580	ng	93
67) Hexachlorobenzene	11.12	284	262628	39.332	ng	# 89
68) Atrazine	11.20	200	247712	41.288	ng	100
69) Pentachlorophenol	11.31	266	280299	73.017	ng	97
70) Phenanthrene	11.53	178	1200277	38.508	ng	99
71) Anthracene	11.59	178	1236064	39.045	ng	100
72) Carbazole	11.74	167	1160008	37.700	ng	99
73) Di-n-butylphthalate	12.06	149	1439008	38.976	ng	100
74) Fluoranthene	12.73	202	1245920	38.800	ng	98
76) Benzidine	12.84	184	446658	23.745	ng	98
77) Pyrene	12.96	202	1262395	38.975	ng	100
79) Butylbenzylphthalate	13.56	149	614256	42.804	ng	98
80) Benzo(a)anthracene	14.15	228	1121262	40.163	ng	100
81) 3,3'-Dichlorobenzidine	14.10	252	206618	22.126	ng	99
82) Chrysene	14.19	228	1047831	39.373	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	856080	41.758	ng	99
84) Di-n-octyl phthalate	14.75	149	1394545	46.757	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	861101	37.051	ng	99
87) Benzo(b)fluoranthene	15.24	252	991915	42.852	ng	98
88) Benzo(k)fluoranthene	15.27	252	885555	39.799	ng	100
89) Benzo(a)pyrene	15.63	252	876128	41.731	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	709355	39.020	ng	100
91) Benzo(g,h,i)perylene	17.76	276	732786	41.434	ng	98

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



#1

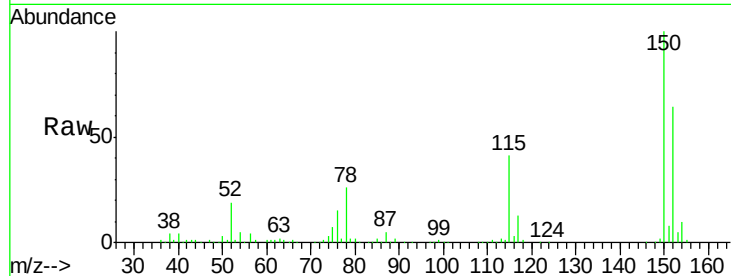
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

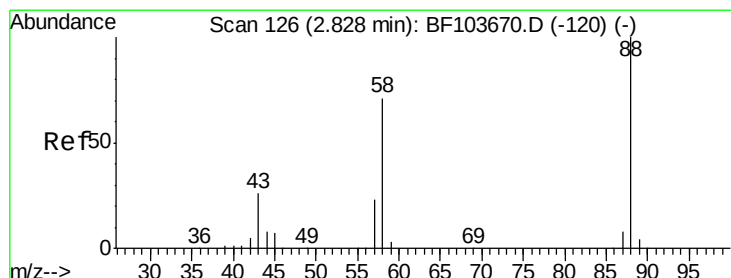
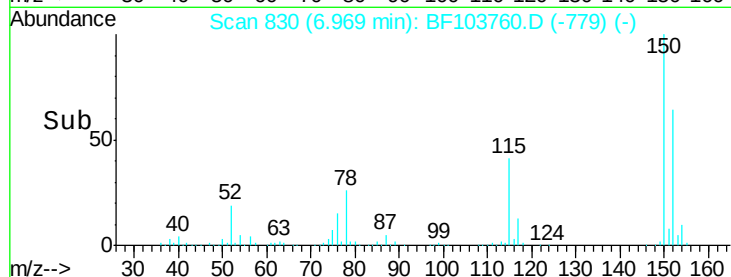
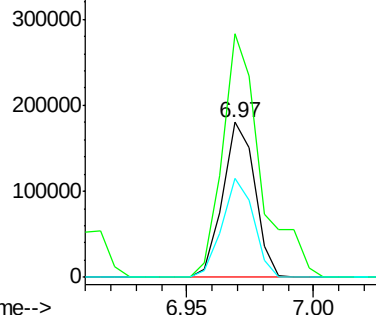
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	63.8	50.1	75.1

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

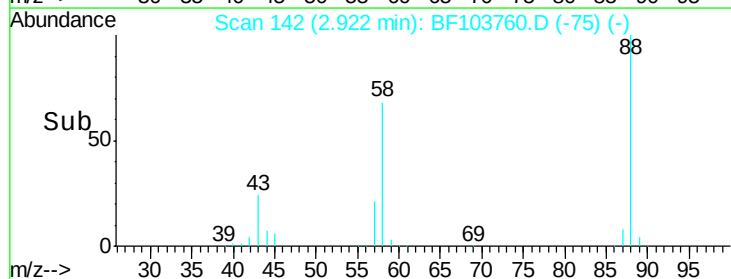
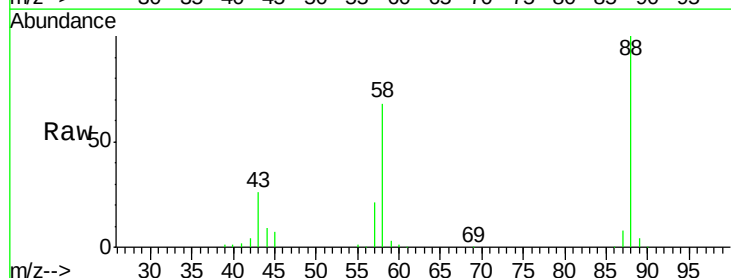
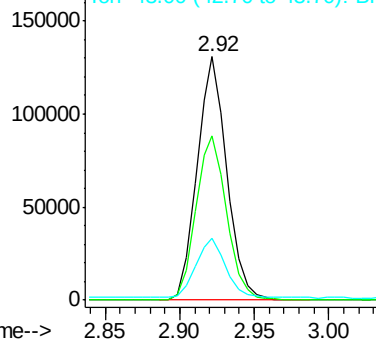


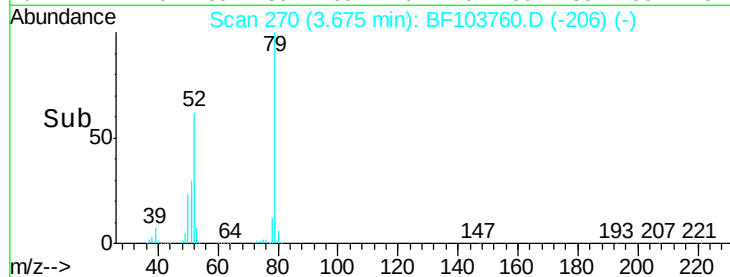
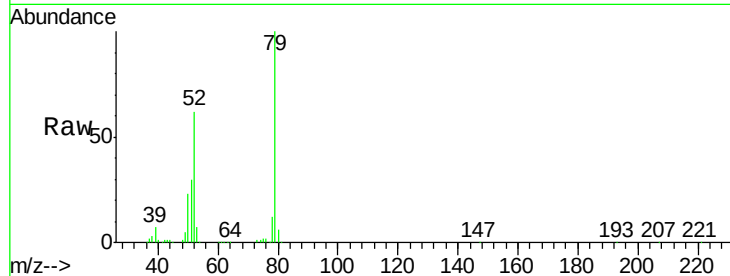
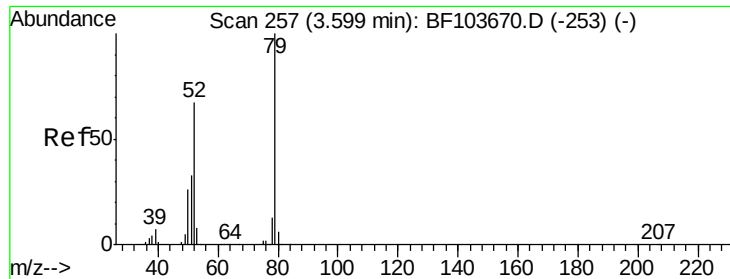
#2

1,4-Dioxane
Concen: 35.149 ng
RT: 2.92 min Scan# 142
Delta R.T. 0.09 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	62.6	93.8
43	24.1	24.6	37.0

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





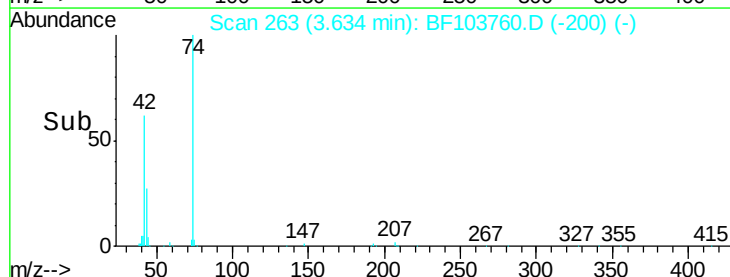
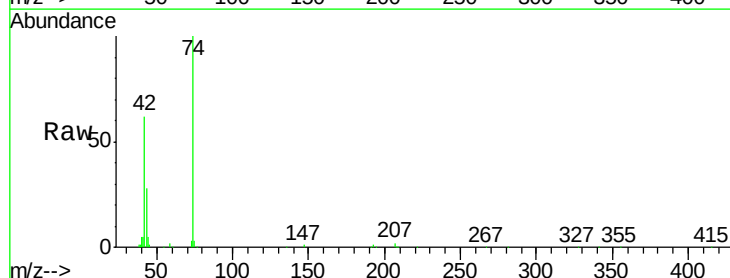
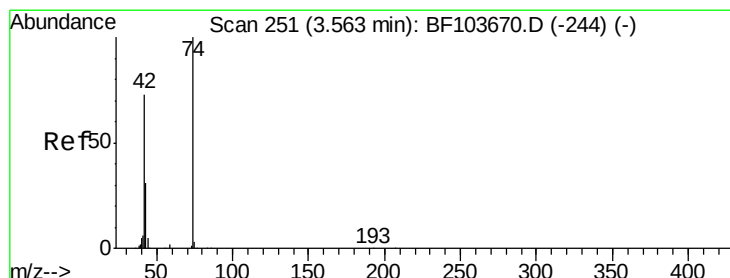
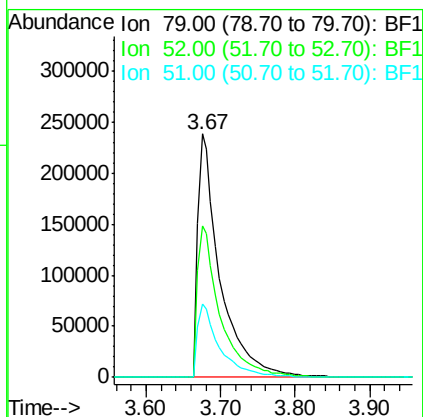
#3
 Pvridine
 Concen: 34.859 ng
 RT: 3.67 min Scan# 270
 Delta R.T. 0.08 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		497568		
52	62.4	59.8	89.6		
51	30.0	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 PB107477BS

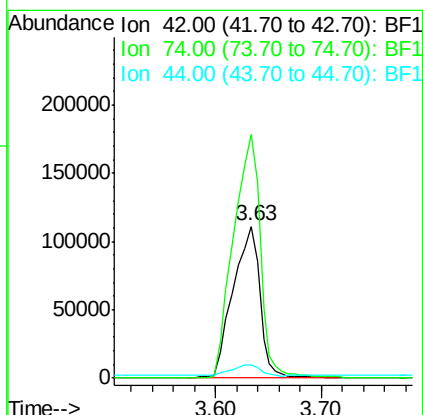
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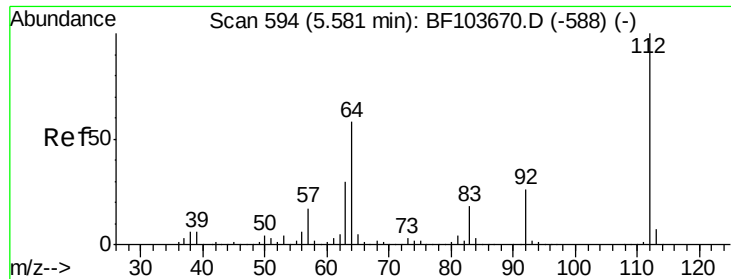
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#4
 n-Nitrosodimethylamine
 Concen: 37.523 ng
 RT: 3.63 min Scan# 263
 Delta R.T. 0.07 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		197485		
74	160.4	104.9	157.3#		
44	8.6	6.9	10.3		





#5

2-Fluorophenol

Concen: 113.092 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

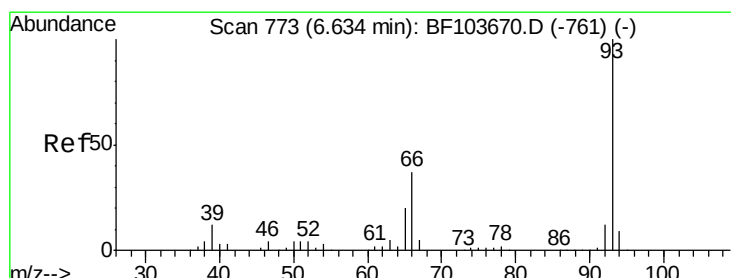
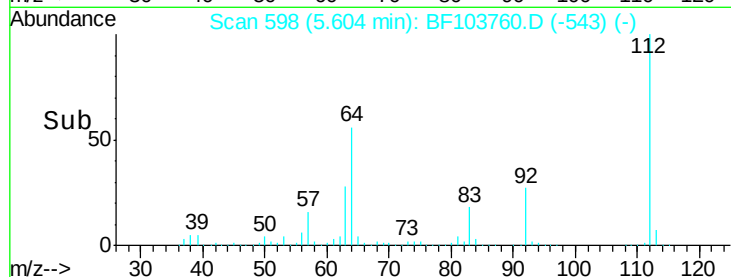
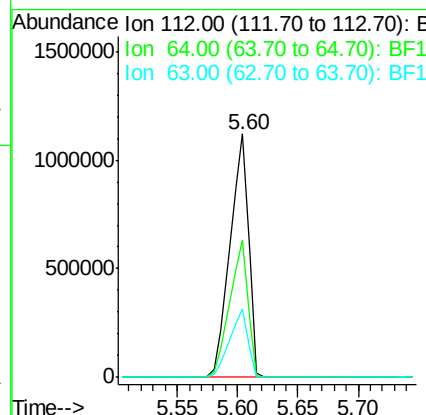
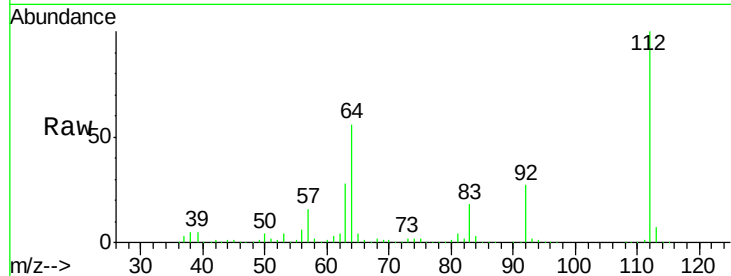
ClientSampled :

PB107477BS

Tot Ion:	112	Resp:	1191891
Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	28.2	23.7	35.5

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#6

Aniline

Concen: 21.239 ng

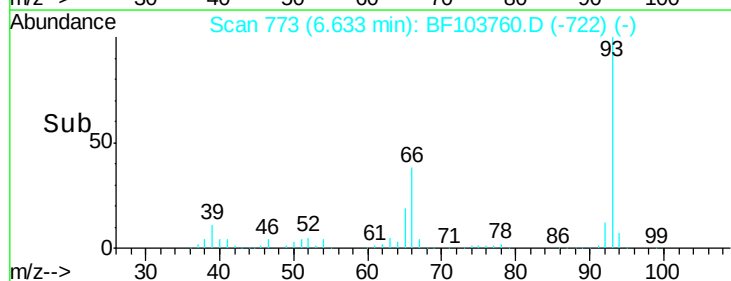
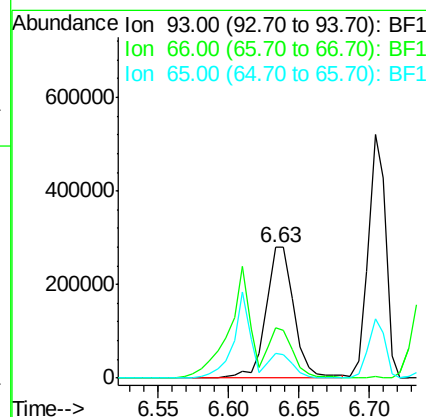
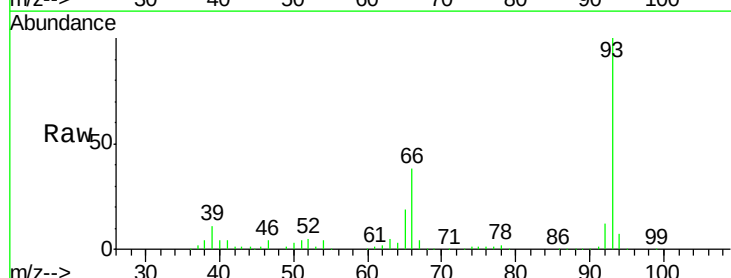
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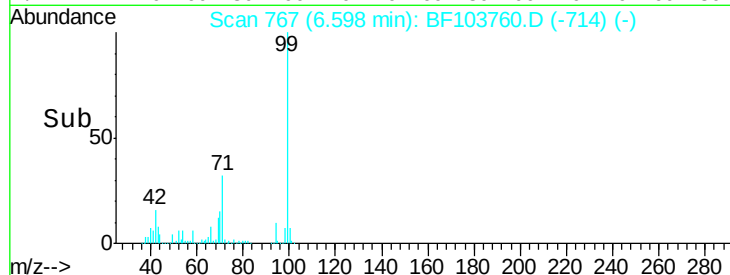
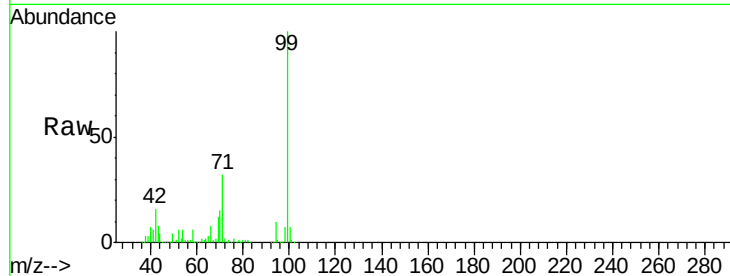
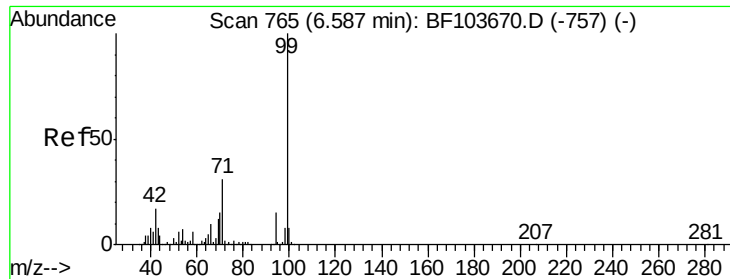
Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion:	93	Resp:	391038
Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.2	48.2
65	19.2	16.4	24.6





#7

Phenol-d6

Concen: 115.243 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tot Ion:	99	Resp:	1485933
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	32.3	25.4	38.0

Instrument :

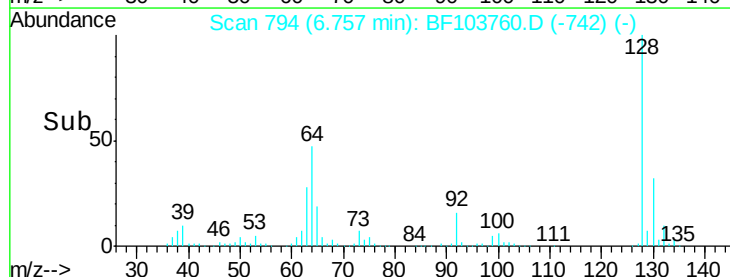
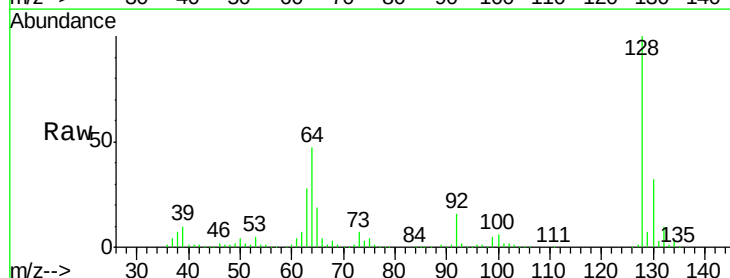
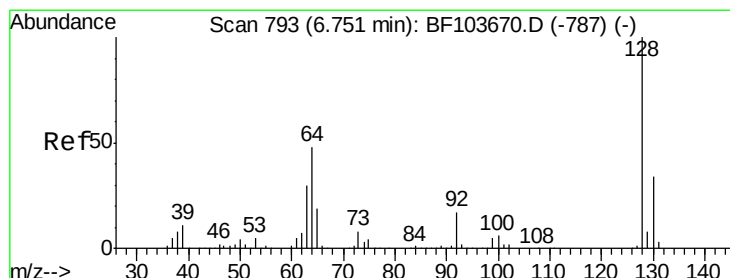
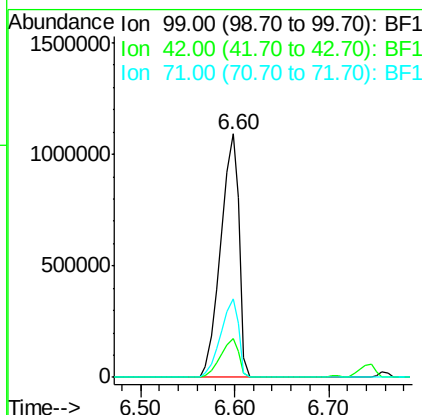
BNA_F

ClientSampled :

PB107477BS

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#8

2-Chlorophenol

Concen: 41.469 ng

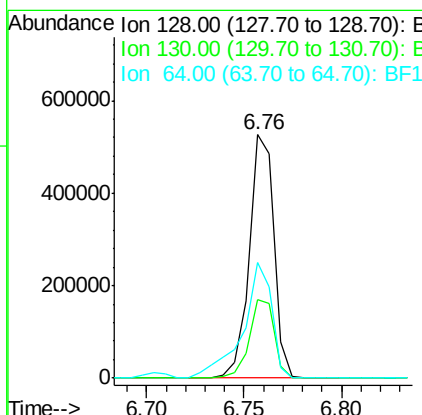
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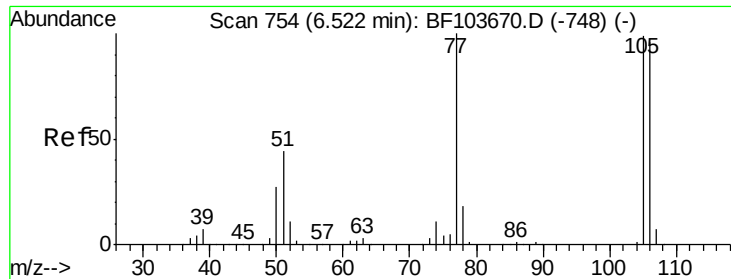
Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion:	128	Resp:	457834
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	47.2	29.4	69.4





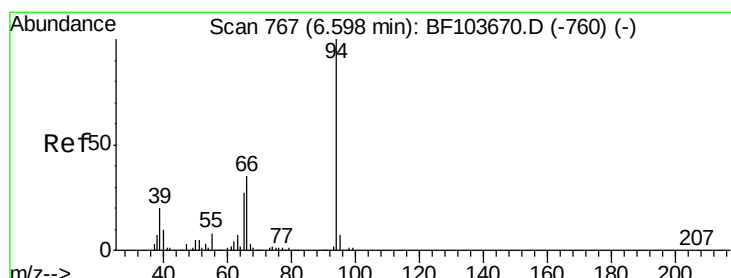
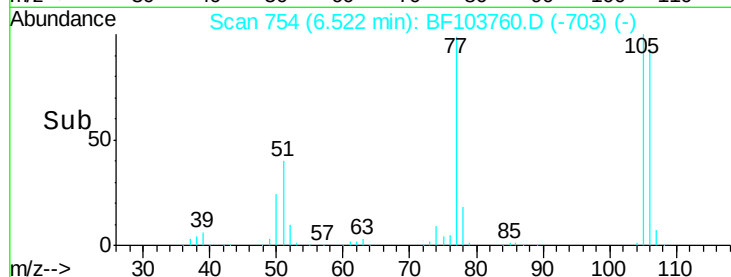
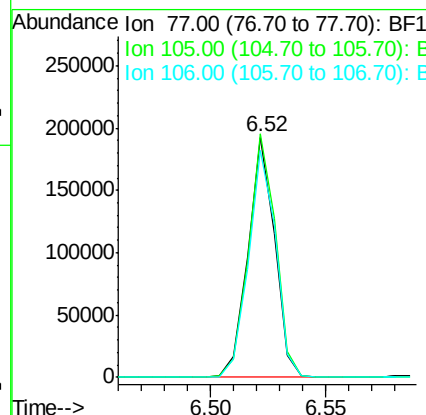
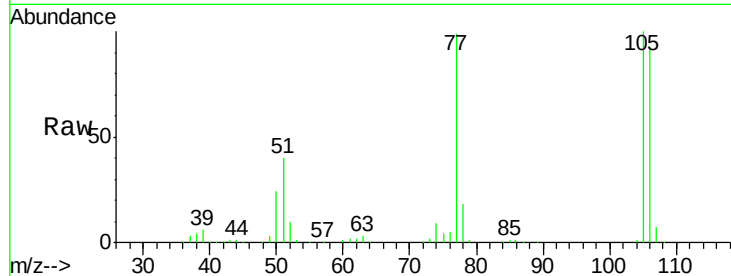
#9
Benzaldehyde
Concen: 18.388 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampled :
PB107477BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.3	81.1	121.1
106	94.7	74.5	114.5

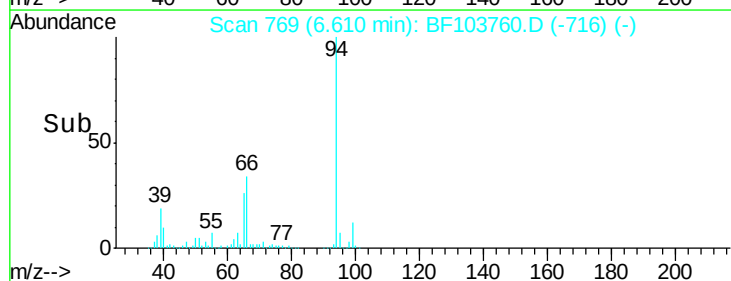
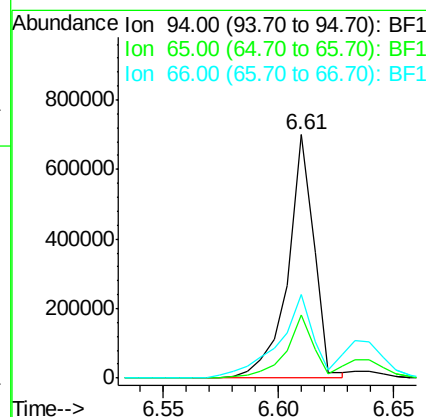
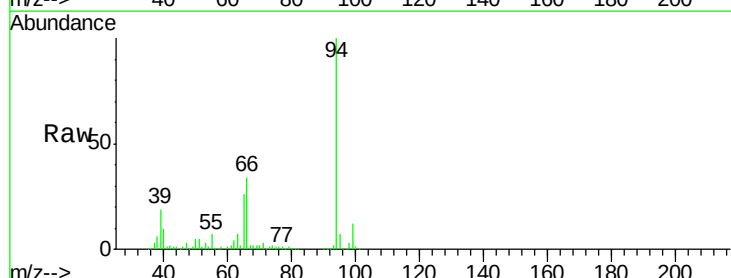
Manual Integrations
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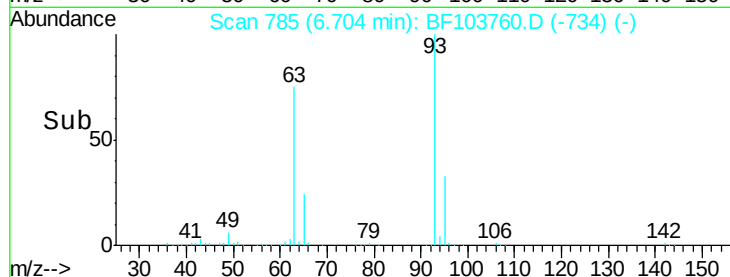
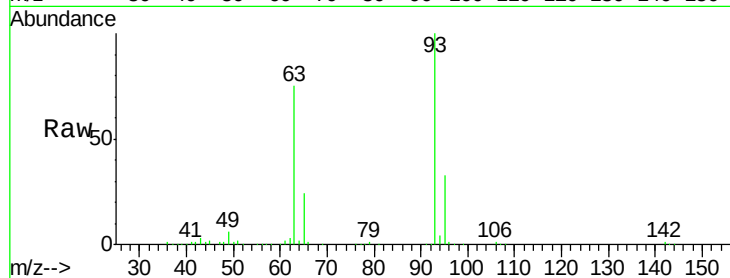
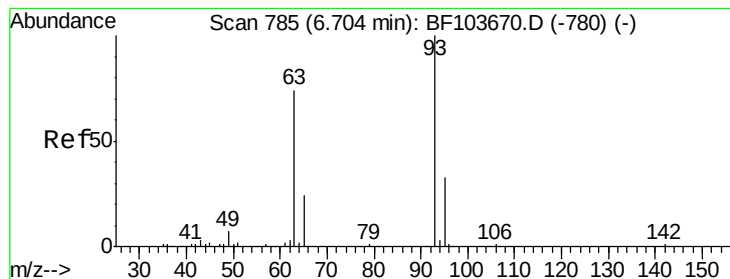
Sohil
3/20/2018 6:26:32 PM



#10
Phenol
Concen: 39.765 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	34.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.354 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tot Ion:	93	Resp:	445114
Ion Ratio	Lower	Upper	
93	100		
63	75.0	58.6	98.6
95	32.7	11.8	51.8

Instrument :

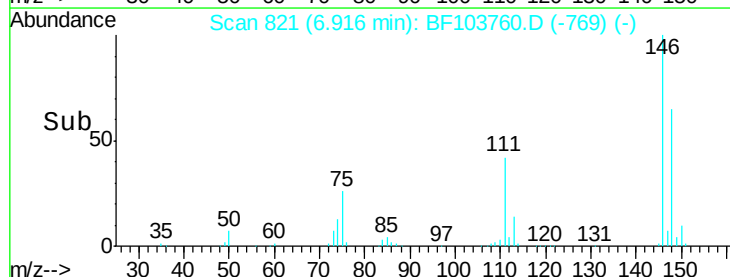
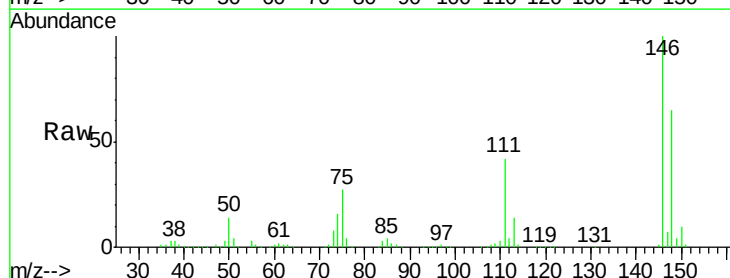
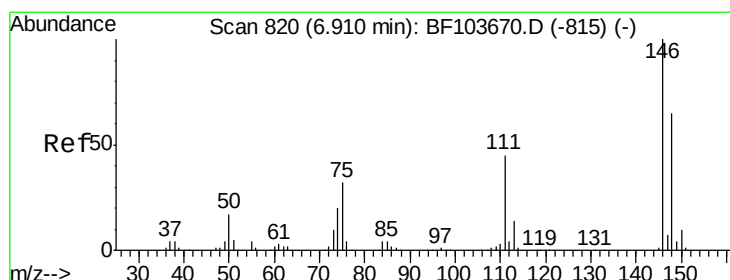
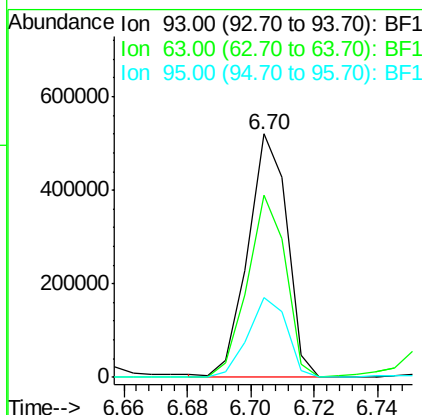
BNA_F

ClientSampleId :

PB107477BS

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#12

1,3-Dichlorobenzene

Concen: 37.870 ng

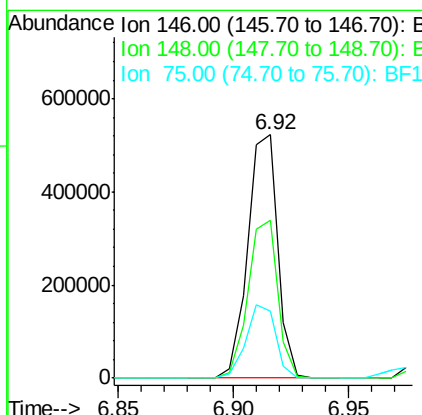
RT: 6.92 min Scan# 821

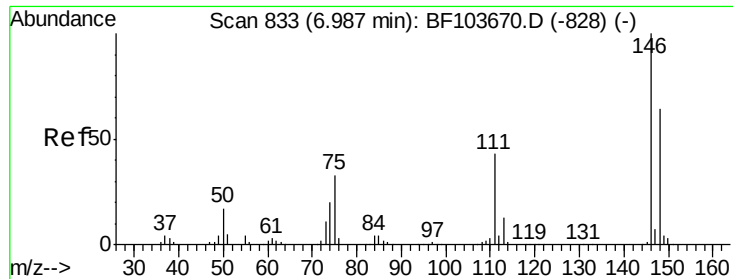
Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion:	146	Resp:	476198
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.8
75	27.5	24.2	36.4





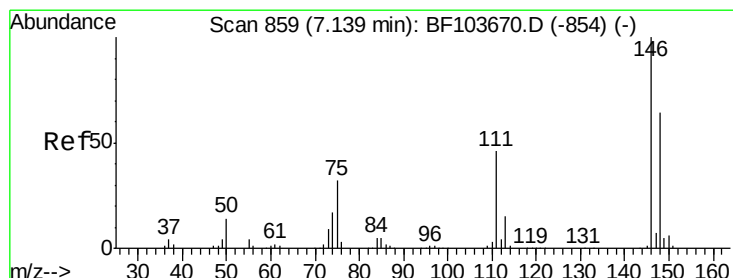
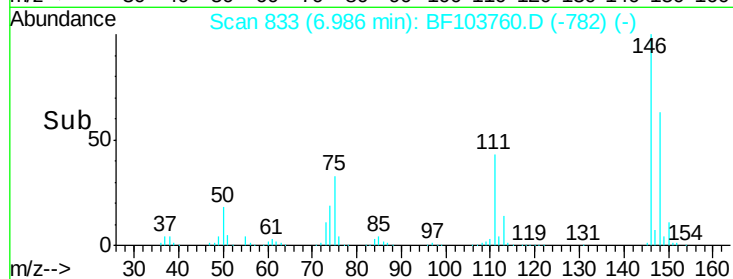
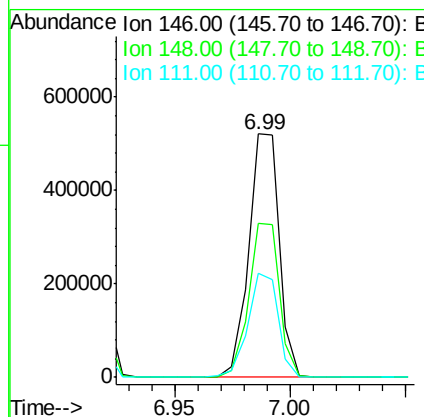
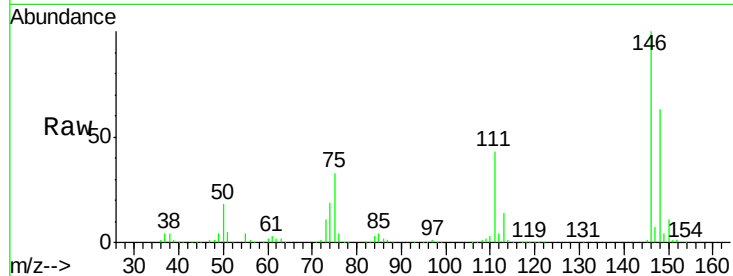
#13
1,4-Dichlorobenzene
Concen: 38.099 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	42.6	34.2	51.2

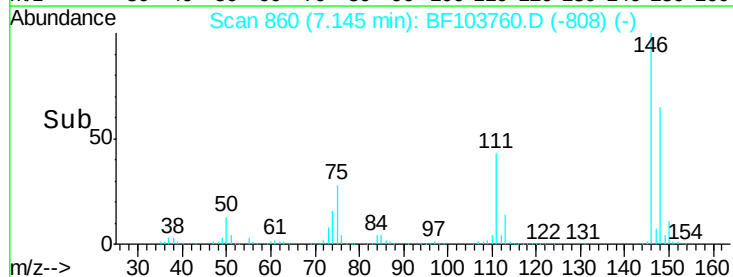
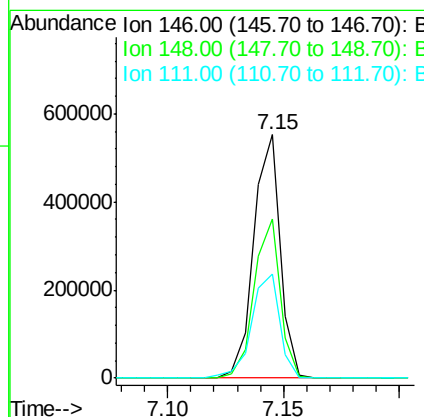
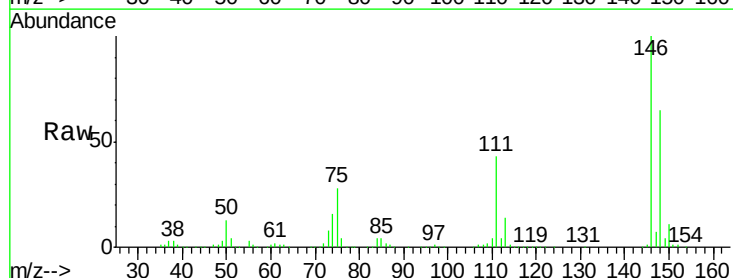
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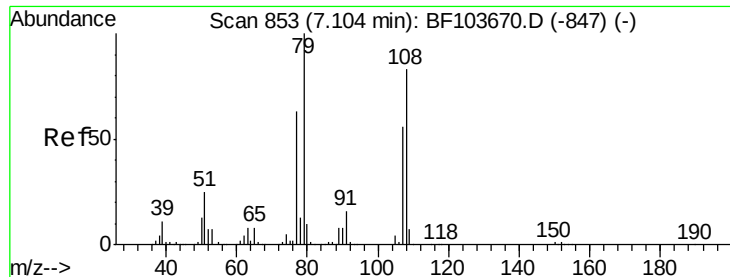
Sohil
3/20/2018 6:26:32 PM



#14
1,2-Dichlorobenzene
Concen: 37.829 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.615 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

PB107477BS

Tot Ion: 79 Resp: 395766

Ion Ratio Lower Upper

79 100

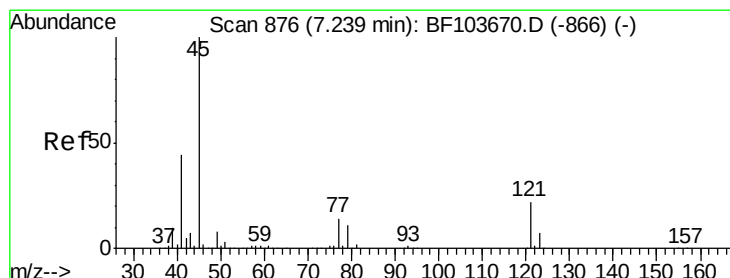
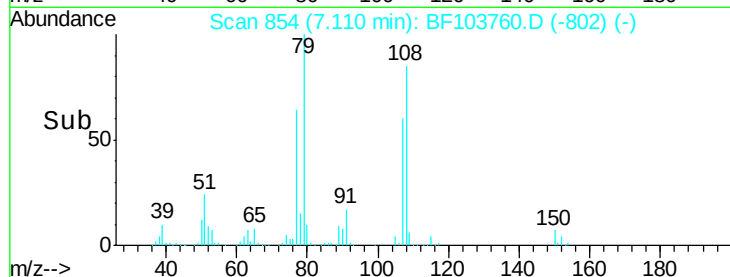
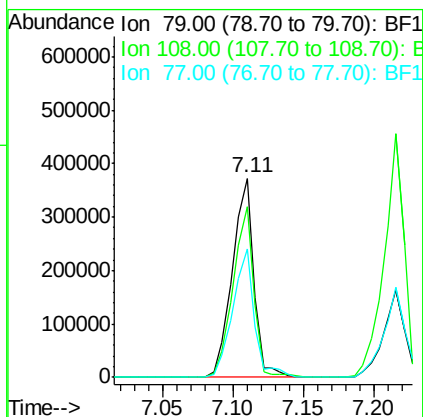
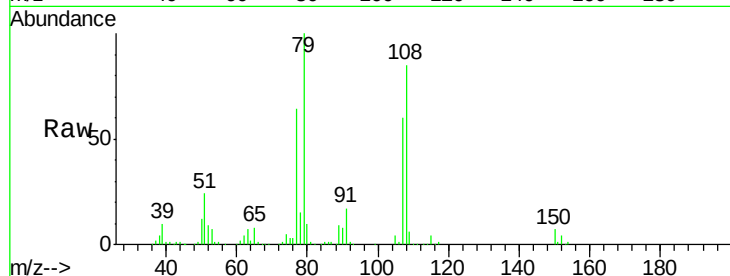
108 85.4 65.1 97.7

77 64.3 50.6 75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.341 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

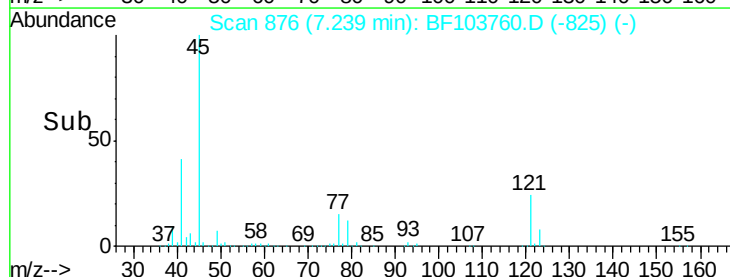
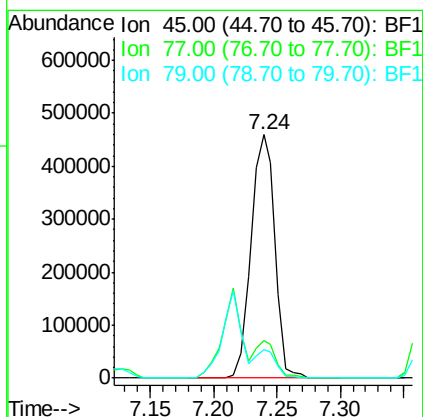
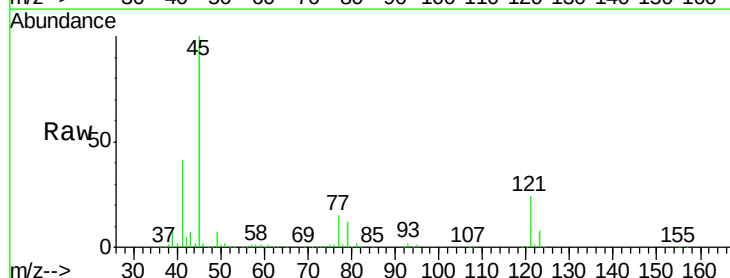
Tgt Ion: 45 Resp: 600713

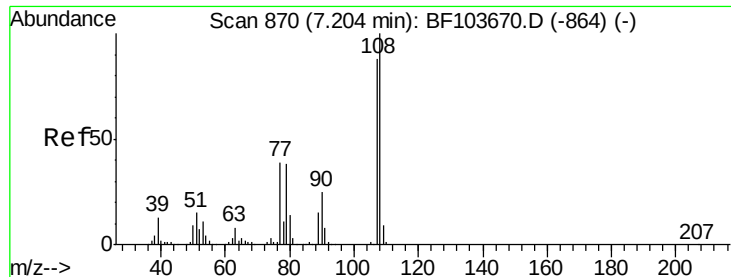
Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.9

79 11.9 0.0 29.6





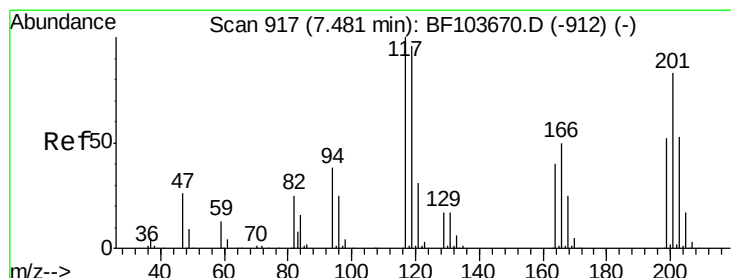
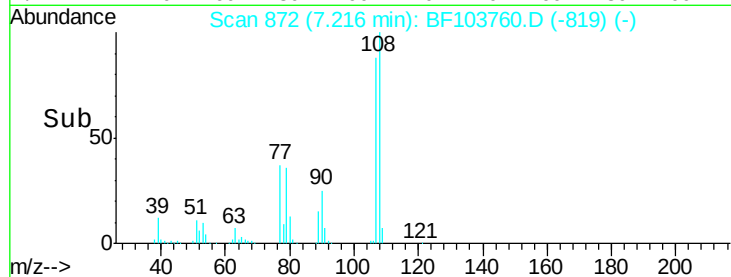
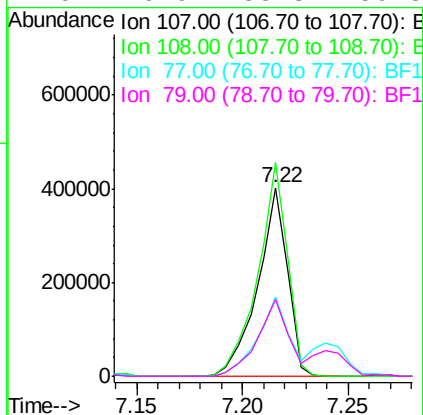
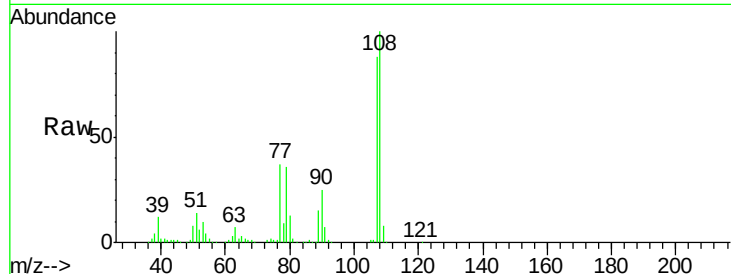
#17
2-Methylphenol
Concen: 40.054 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion:	107	Resp:	393800
Ion Ratio	Lower	Upper	
107	100		
108	113.3	91.7	137.5
77	42.0	33.8	50.8
79	40.9	33.8	50.8

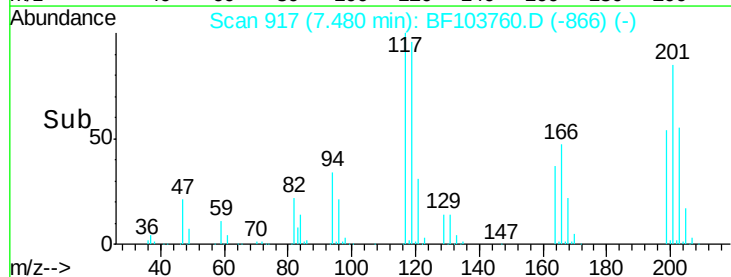
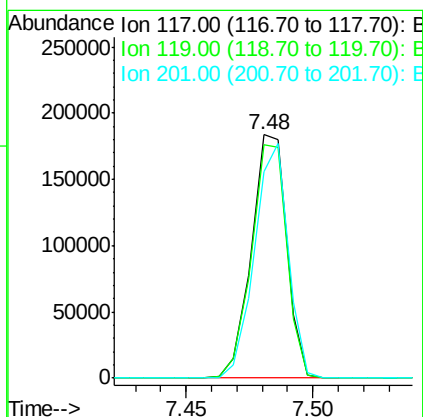
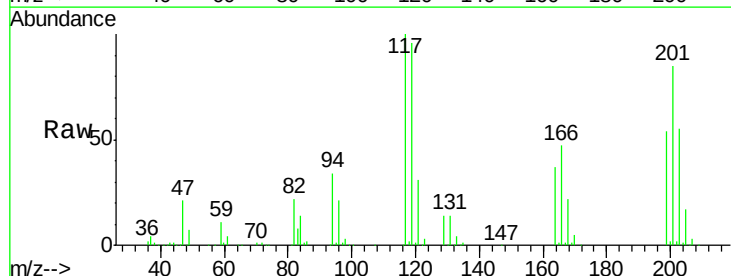
Manual Integrations
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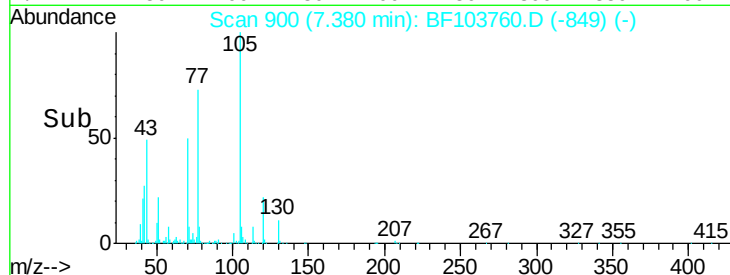
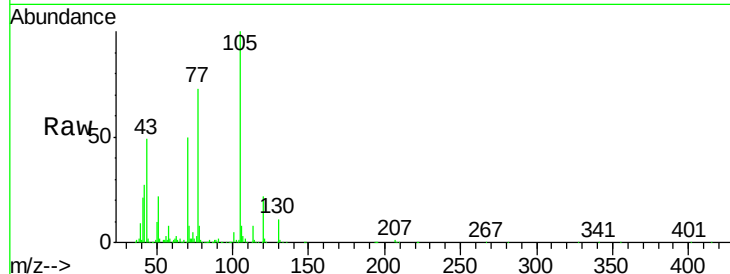
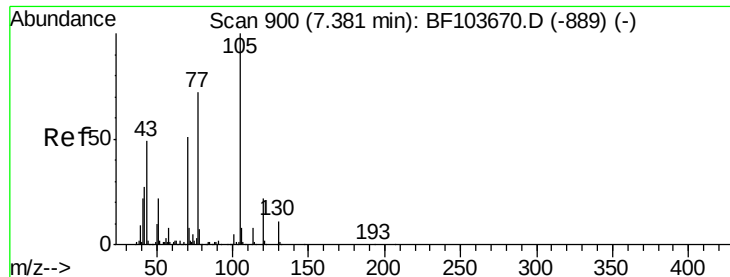
Sohil
3/20/2018 6:26:32 PM



#18
Hexachloroethane
Concen: 40.358 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion:	117	Resp:	179375
Ion Ratio	Lower	Upper	
117	100		
119	96.0	75.8	113.8
201	84.7	75.7	113.5





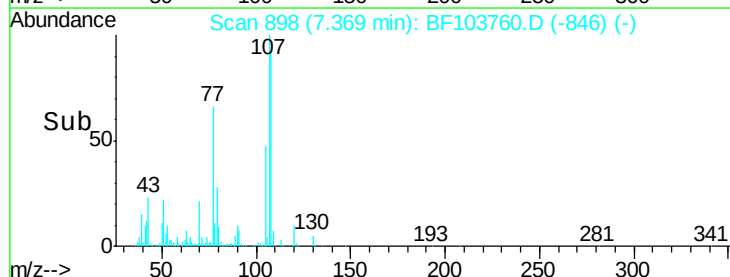
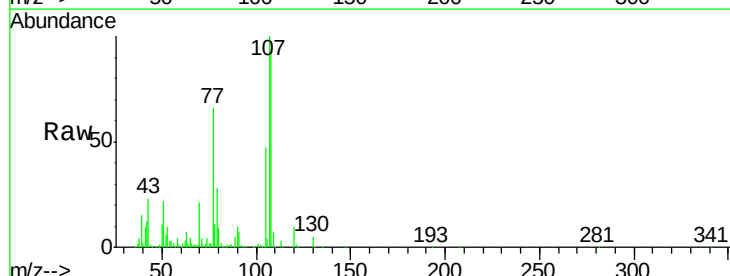
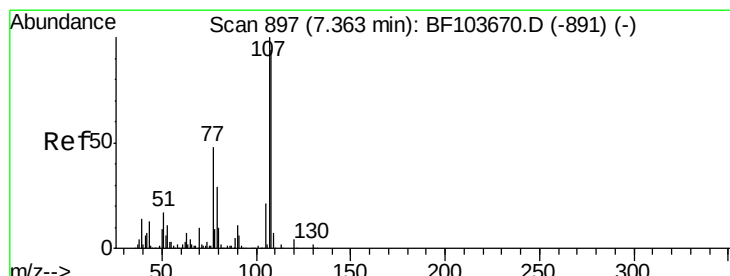
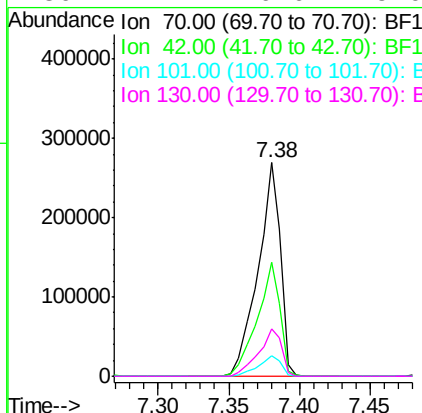
#19
n-Nitroso-di-n-propylamine
Concen: 36.681 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		303102		
42	53.6	47.5	71.3		
101	9.4	7.4	11.2		
130	22.2	16.6	25.0		

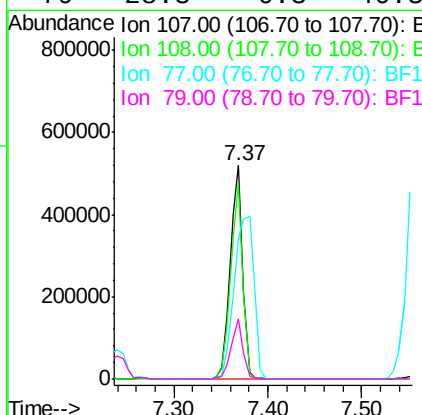
Manual Integrations
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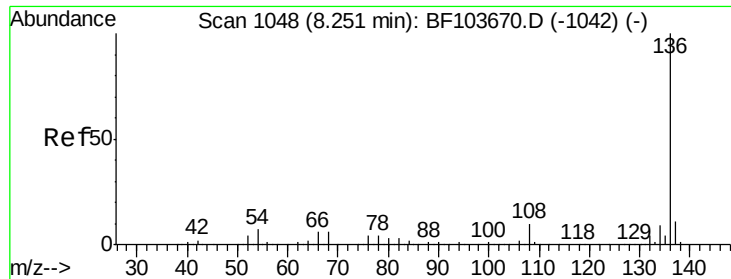
Sohil
3/20/2018 6:26:32 PM



#20
3+4-Methylphenols
Concen: 38.034 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		474552		
108	91.6	68.2	108.2		
77	65.9	26.7	66.7		
79	28.3	6.3	46.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

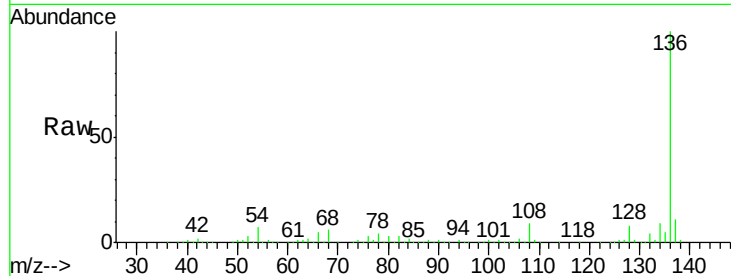
ClientSampled :

PB107477BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	657361		
137	11.0		8.9	13.3
54	6.7		6.6	9.8
68	6.0		5.0	7.4

Manual Integrations
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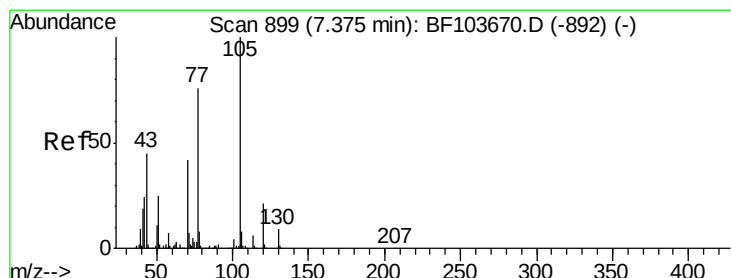
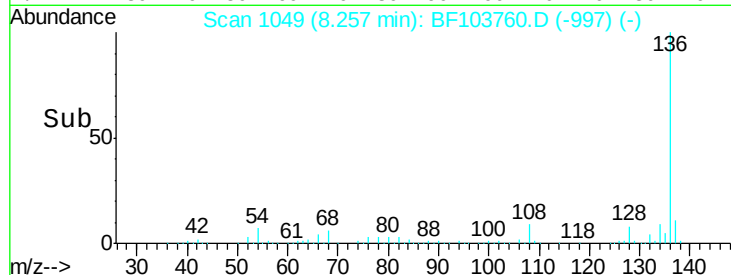
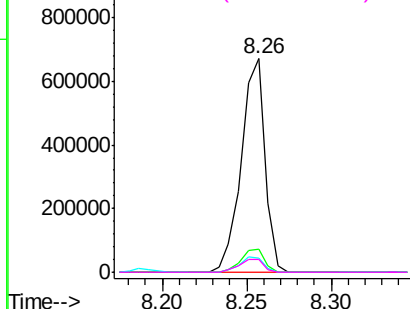
Abundance

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: 35.793 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	604707		
71	8.3		4.4	6.6#
51	22.4		22.3	33.5
120	22.3		16.9	25.3

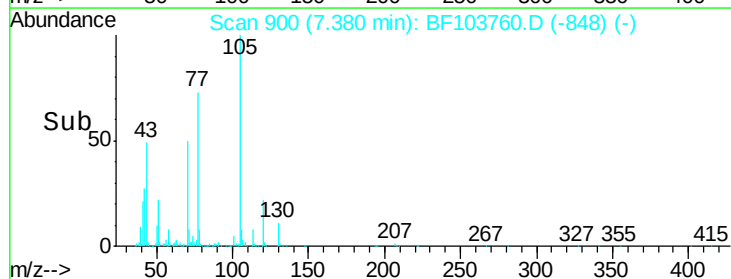
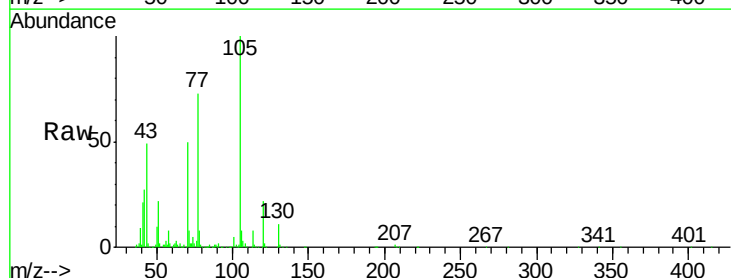
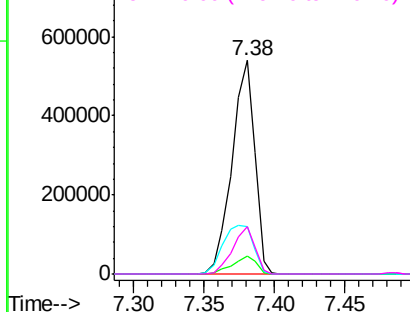
Abundance

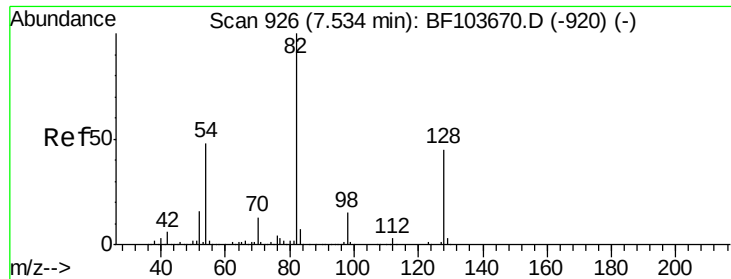
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





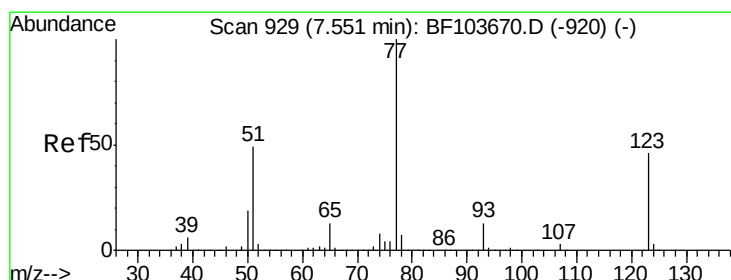
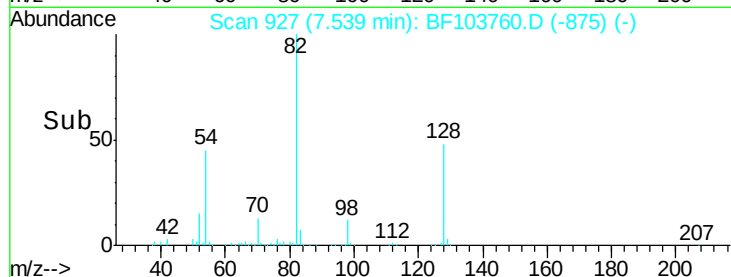
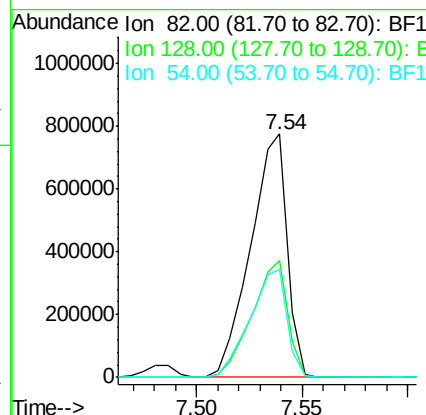
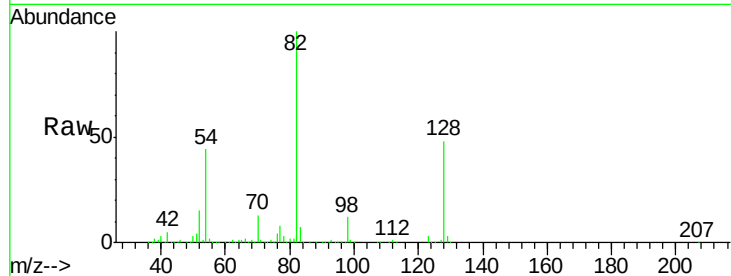
#23
Nitrobenzene-d5
Concen: 98.960 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampled :
PB107477BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	44.5	41.4	62.2

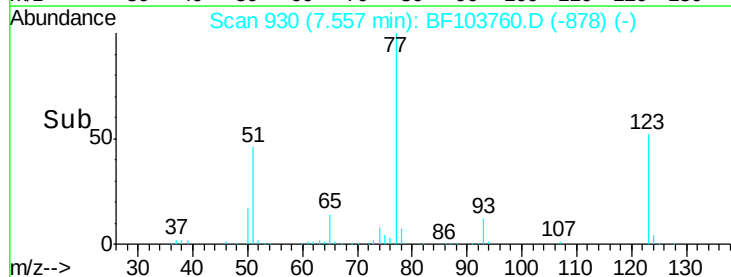
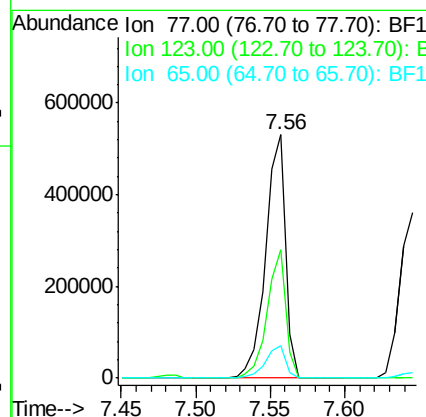
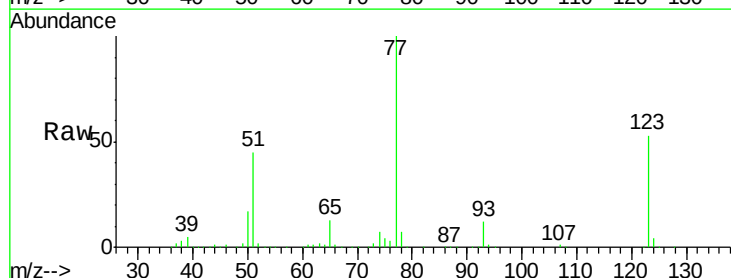
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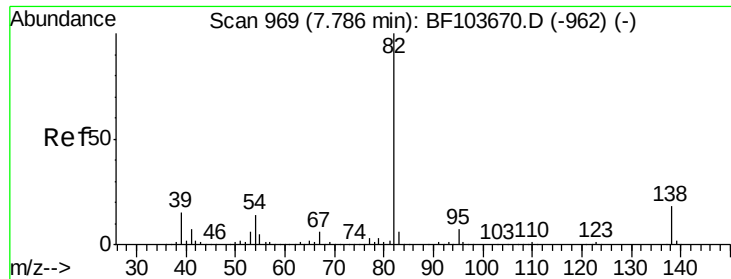
Sohil
3/20/2018 6:26:32 PM



#24
Nitrobenzene
Concen: 43.499 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 40.732 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

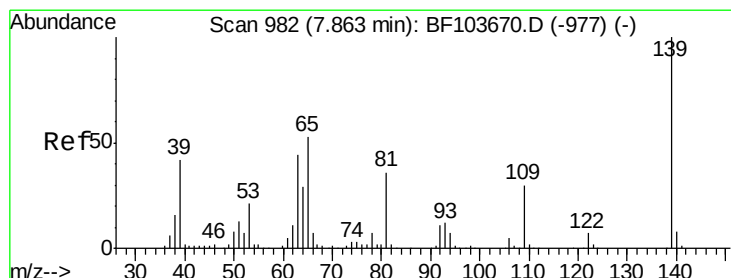
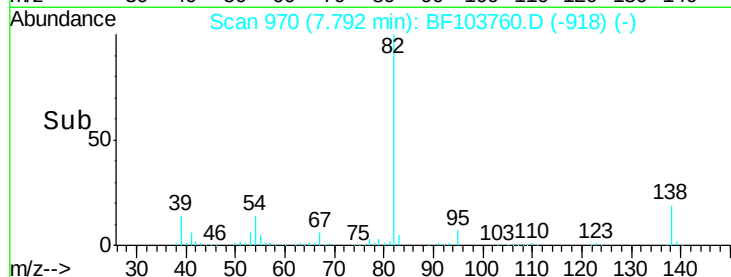
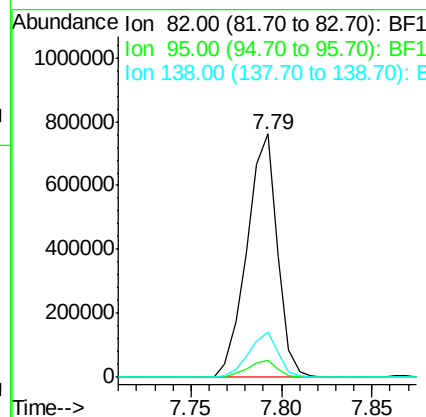
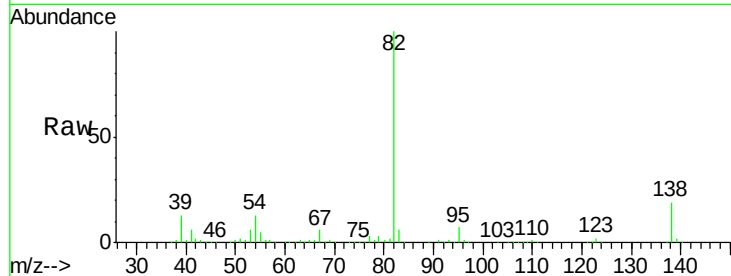
ClientSampleId :

PB107477BS

Tot Ion:	82	Resp:	888846
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.2	7.8
138	18.5	14.9	22.3

Manual Integrations
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Sohil
3/20/2018 6:26:32 PM



#26

2-Nitrophenol

Concen: 57.941 ng

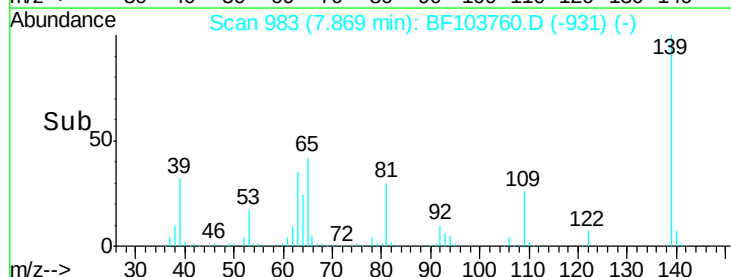
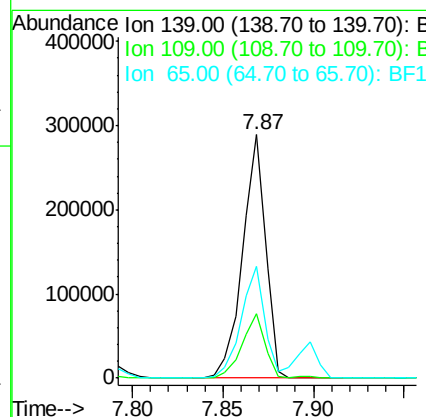
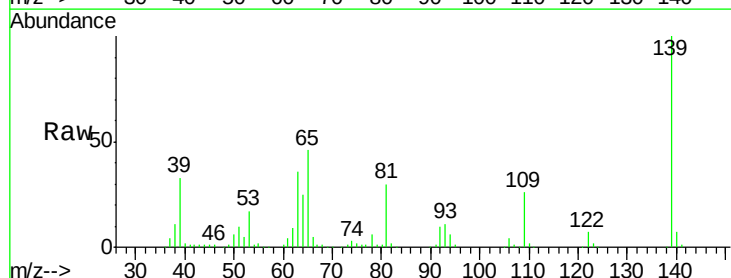
RT: 7.87 min Scan# 983

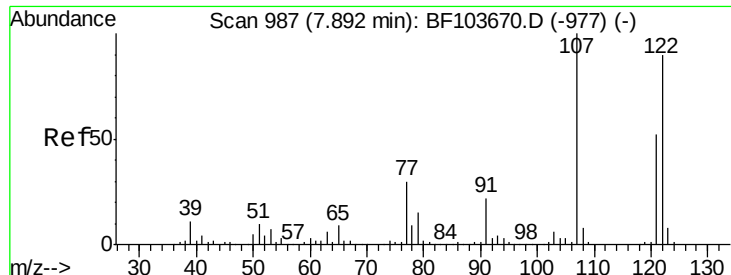
Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion:	139	Resp:	254216
Ion Ratio		Lower	Upper
139	100		
109	26.5	22.7	34.1
65	45.7	40.5	60.7





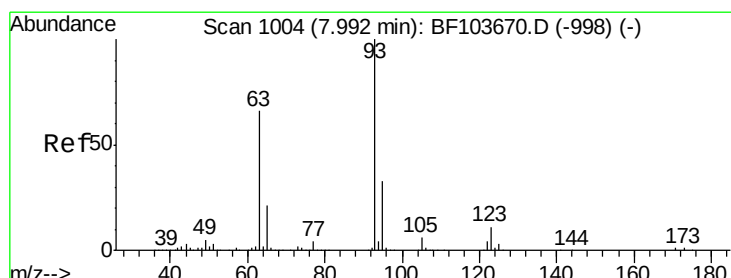
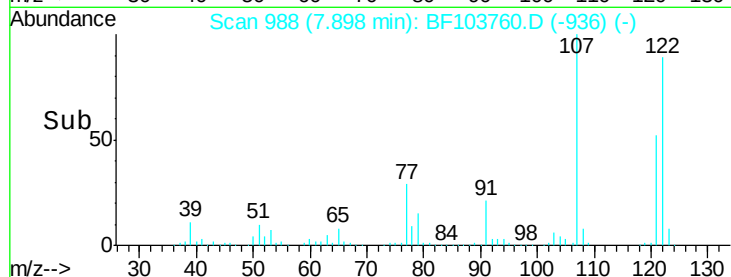
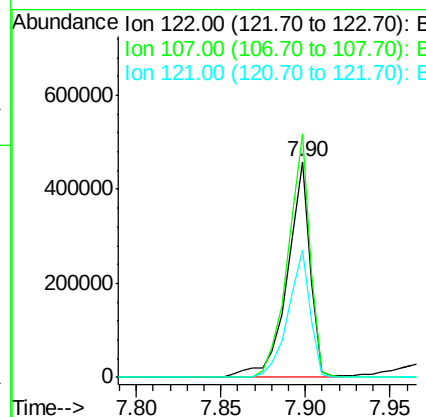
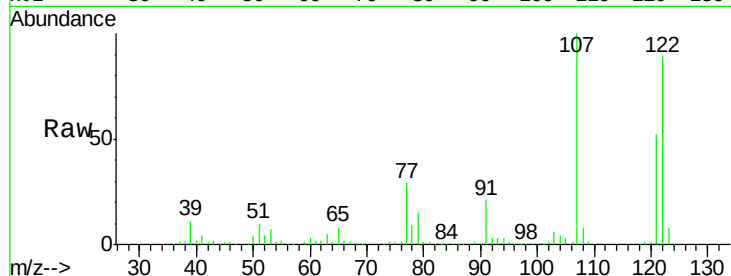
#27
2,4-Dimethylphenol
Concen: 46.414 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	91.2	136.8
121	58.8	47.2	70.8

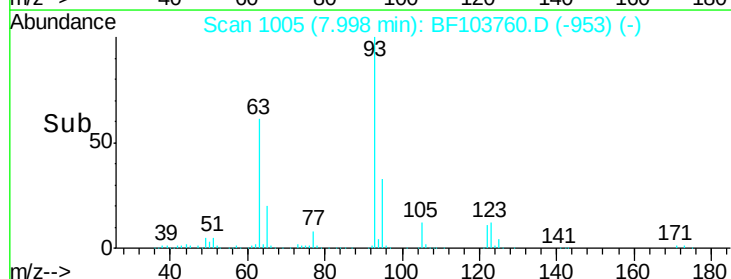
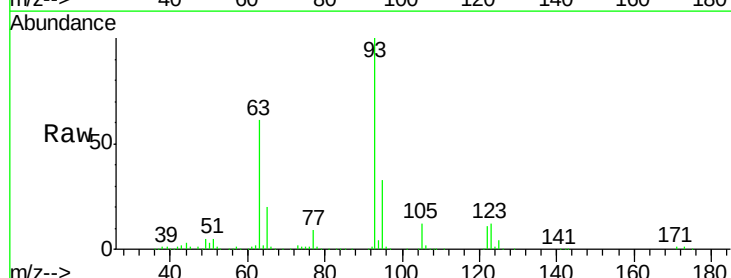
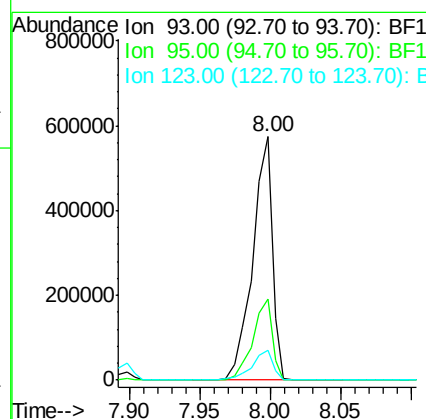
Manual Integrations
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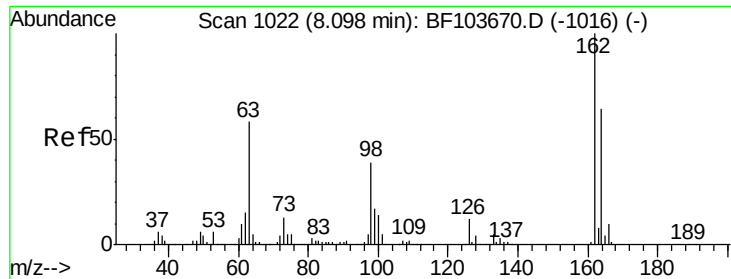
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.645 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	12.5	9.8	14.6





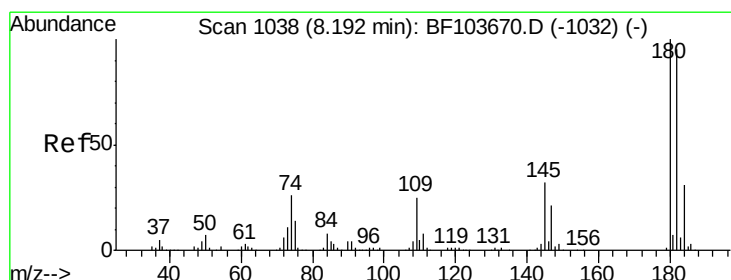
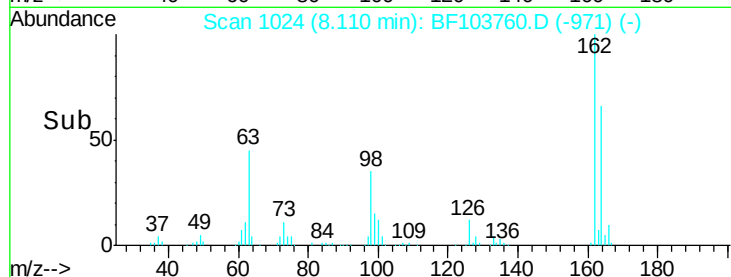
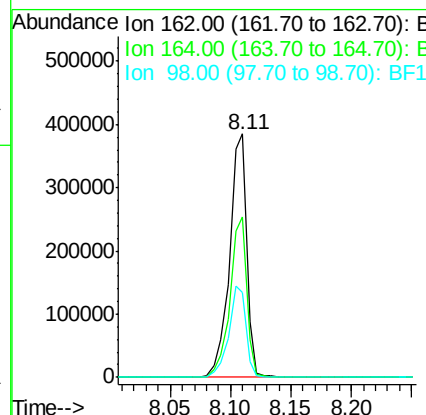
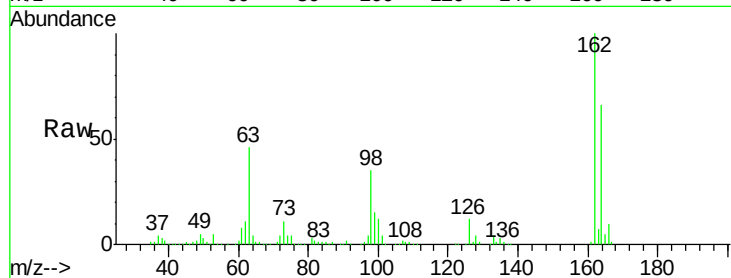
#29
2,4-Dichlorophenol
Concen: 44.733 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampled :
PB107477BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	380455		
164	66.0	42.7	82.7	
98	35.0	18.1	58.1	

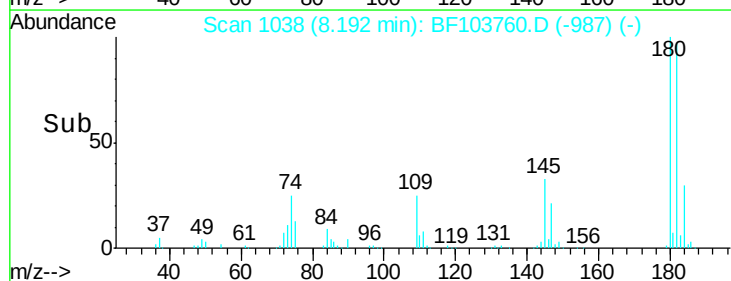
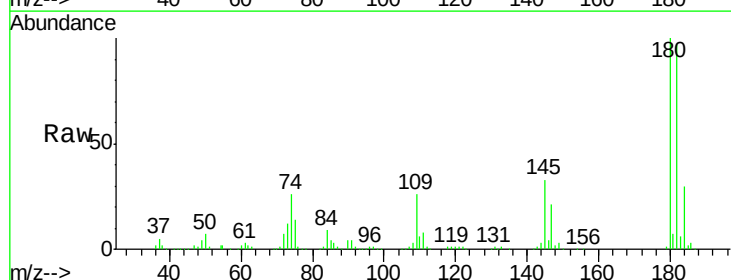
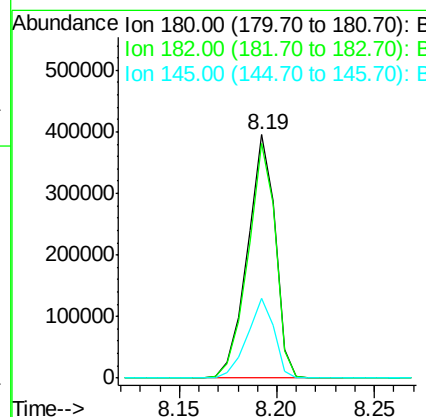
Manual Integrations
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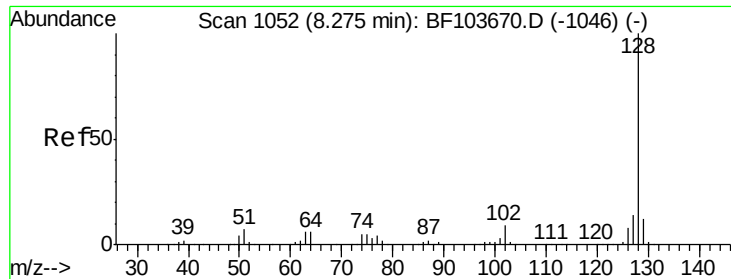
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#30
1,2,4-Trichlorobenzene
Concen: 39.336 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	388028		
182	96.6	76.8	115.2	
145	32.6	26.5	39.7	





#31

Naphthalene

Concen: 39.016 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

PB107477BS

Tot Ion:128 Resp: 1295585

Ion Ratio Lower Upper

128 100

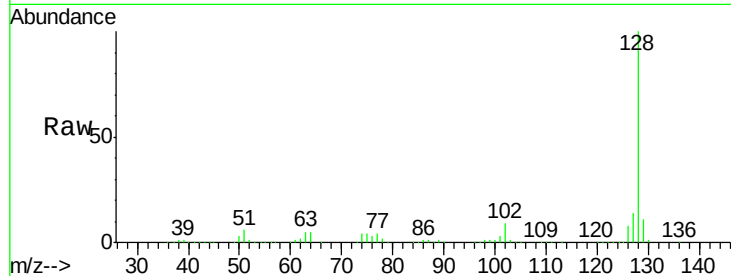
129 11.0 8.8 13.2

127 13.7 10.9 16.3

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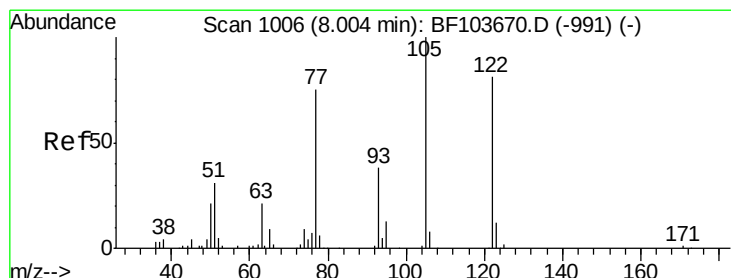
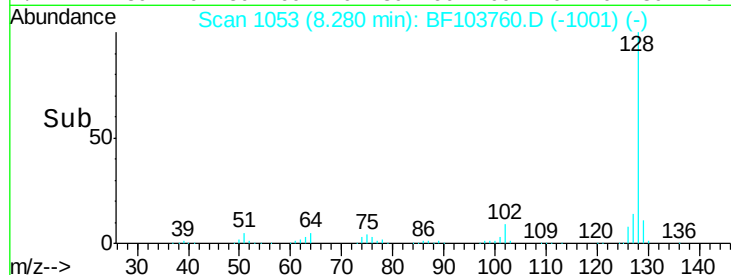
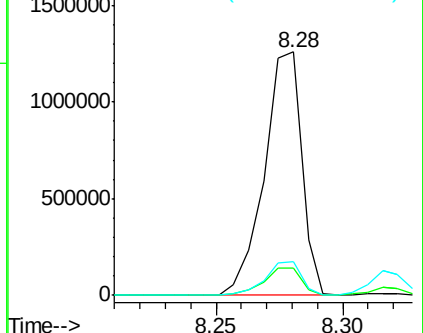
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.587 ng m

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

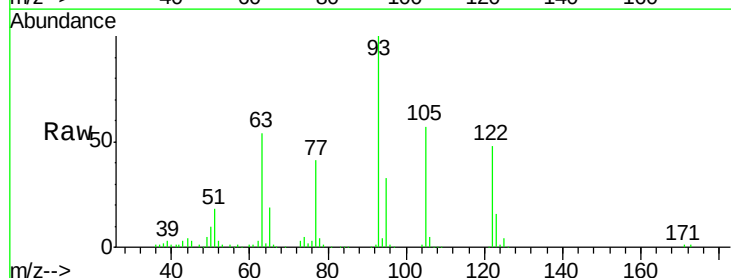
Tgt Ion:122 Resp: 171891

Ion Ratio Lower Upper

122 100

105 117.8 101.1 141.1

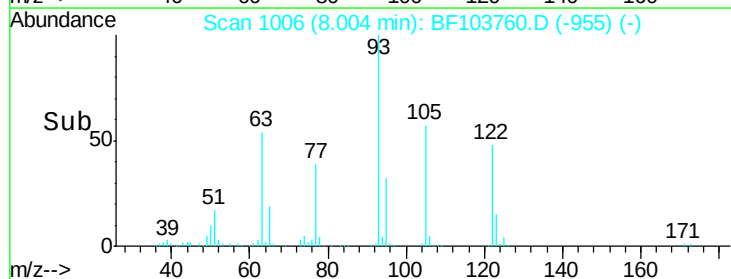
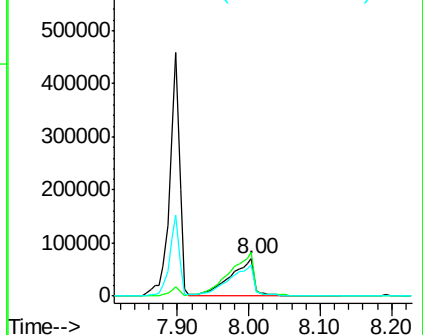
77 84.8 70.7 110.7

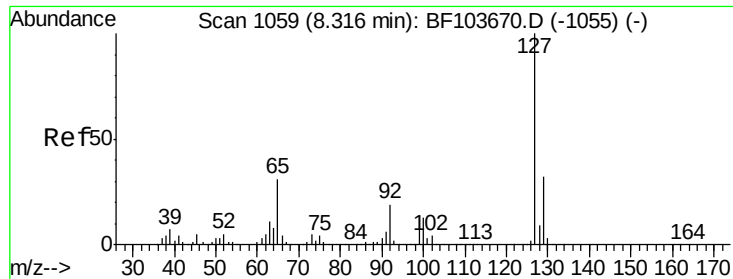


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





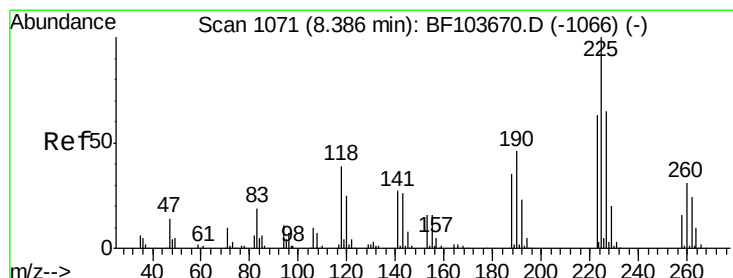
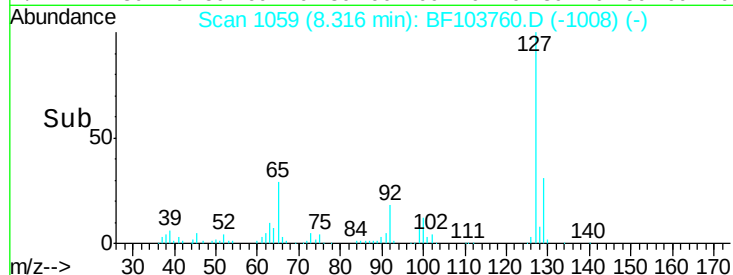
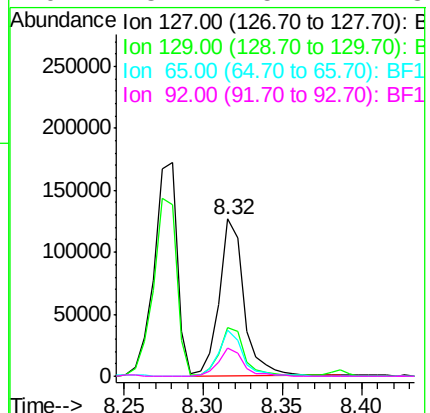
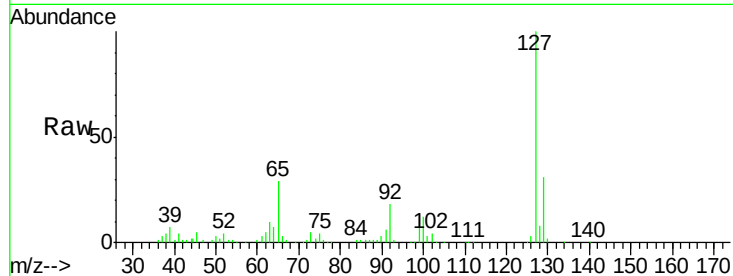
#33
4-Chloroaniline
Concen: 9.771 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampled :
PB107477BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1		25.9	38.9	
65	29.0		25.0	37.4	
92	18.2		15.2	22.8	

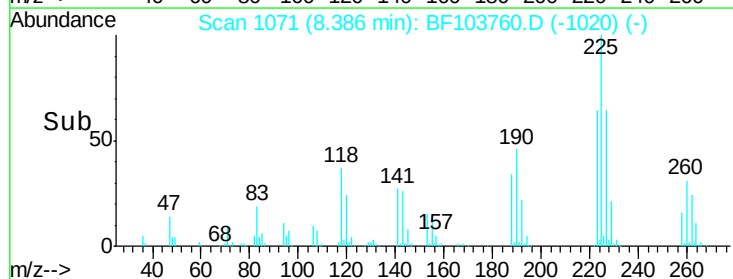
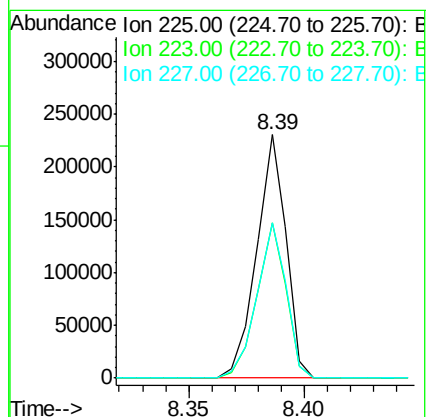
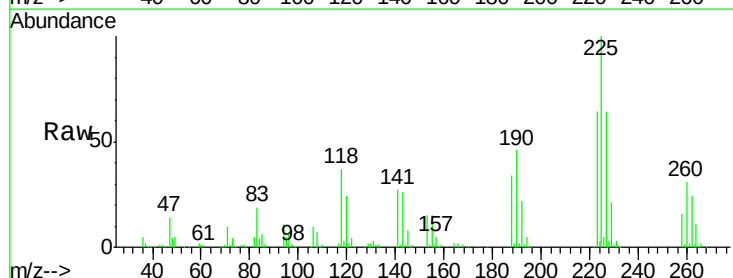
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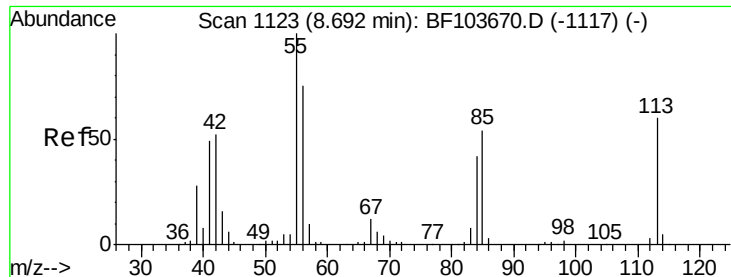
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#34
Hexachlorobutadiene
Concen: 37.875 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

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





#35

Caprolactam

Concen: 42.366 ng/mL

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

PB107477BS

Tot Ion:113 Resp: 124076

Ion Ratio Lower Upper

113 100

55 155.8 163.3 203.3#

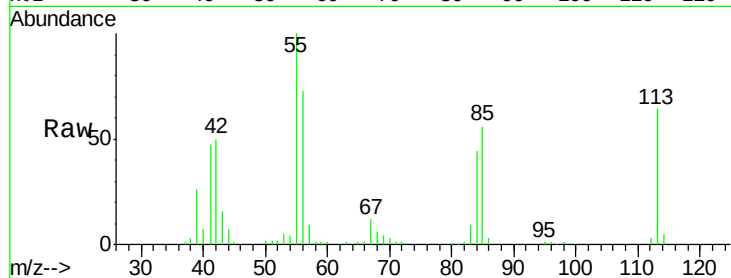
56 113.8 115.7 155.7#

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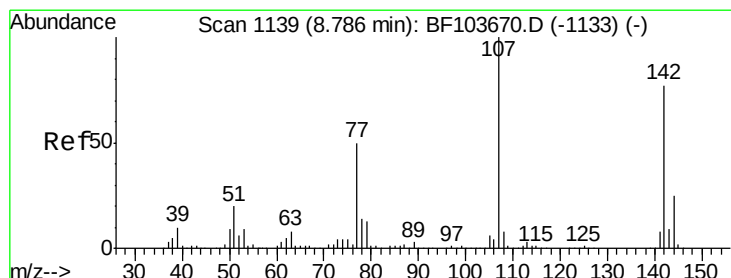
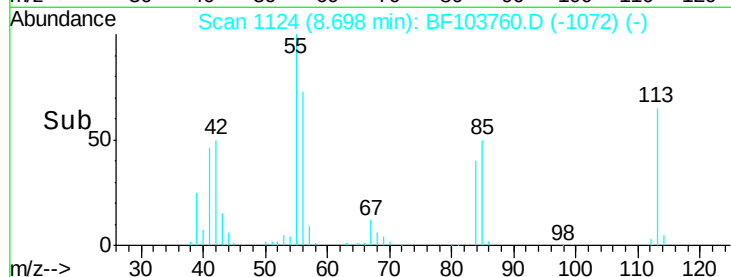
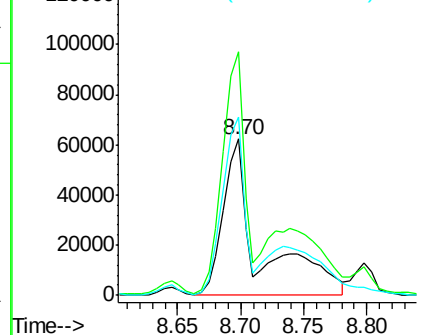
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.162 ng/mL

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

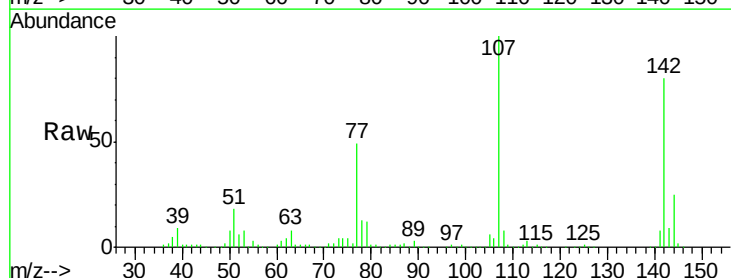
Tgt Ion:107 Resp: 414069

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

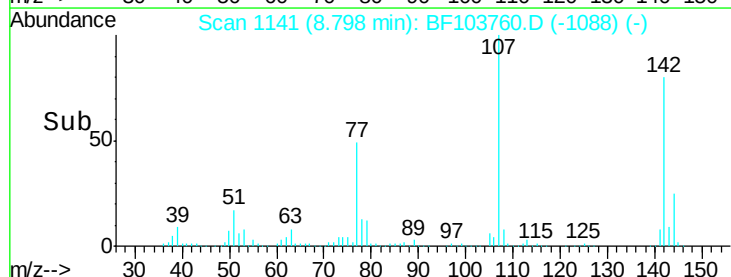
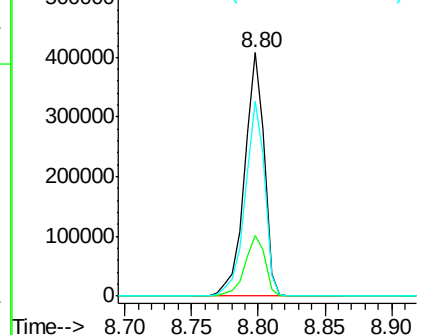
142 79.9 62.0 93.0

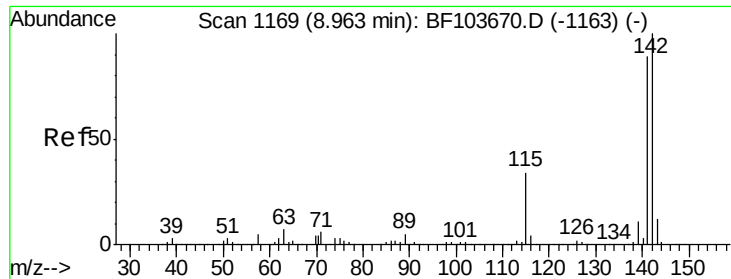


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





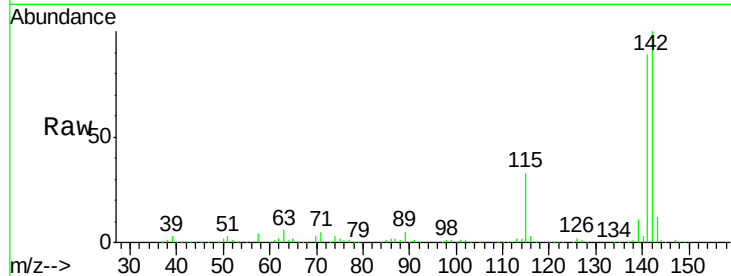
#37
2-Methylnaphthalene
Concen: 40.686 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	32.9	26.1	39.1

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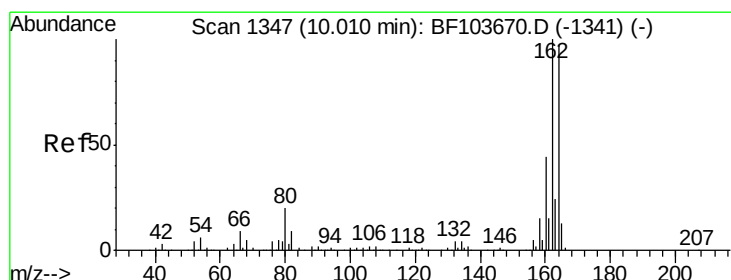
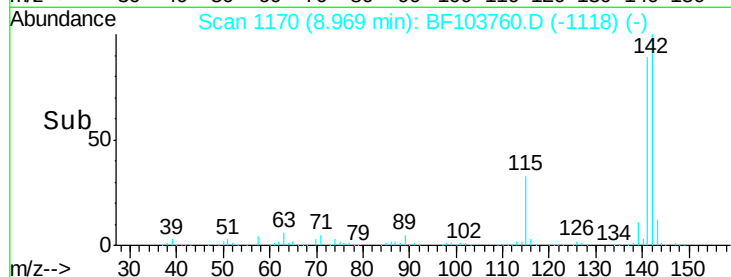
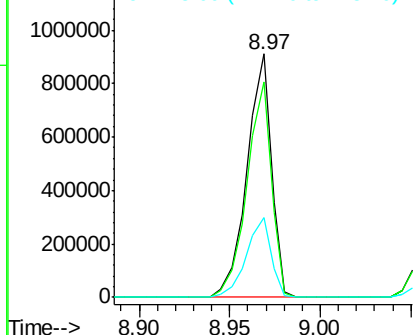


Abundance

Ion 142.00 (141.70 to 142.70): E

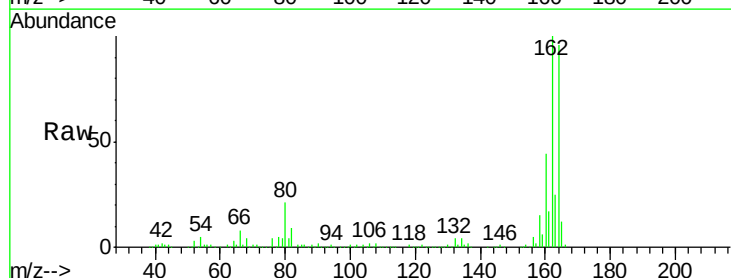
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.9	38.3	57.5

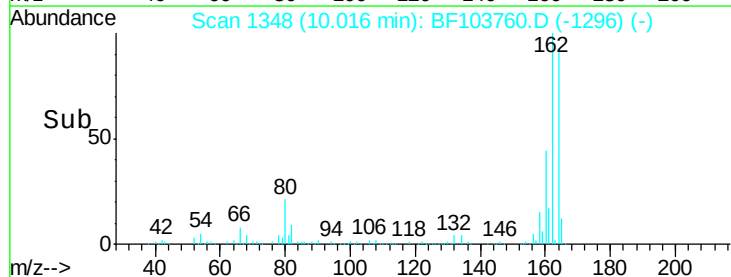
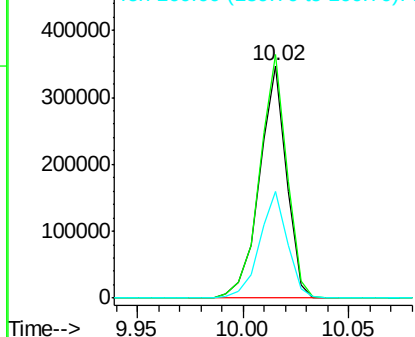


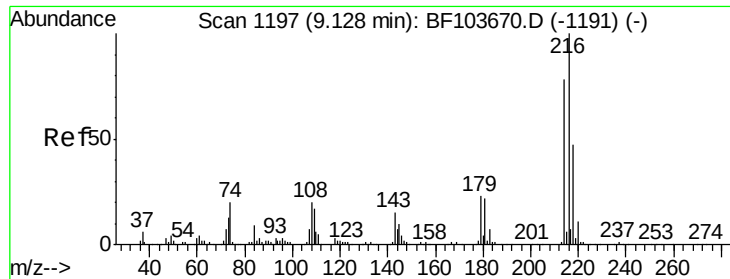
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





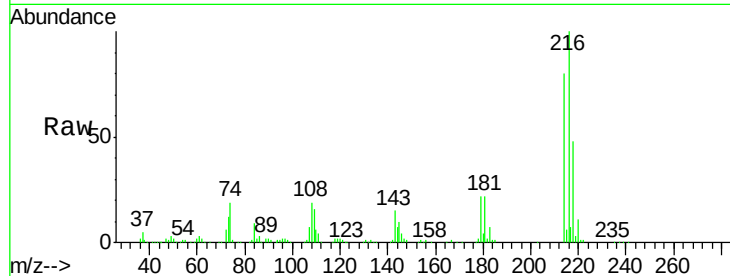
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.398 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB107477BS

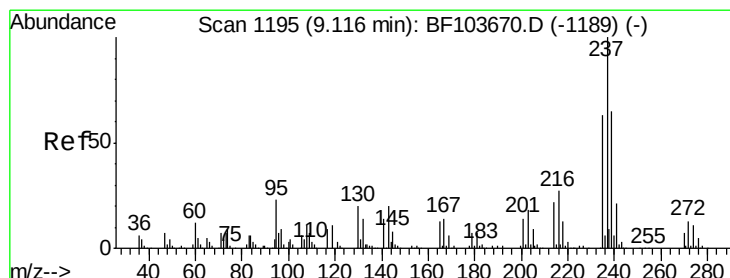
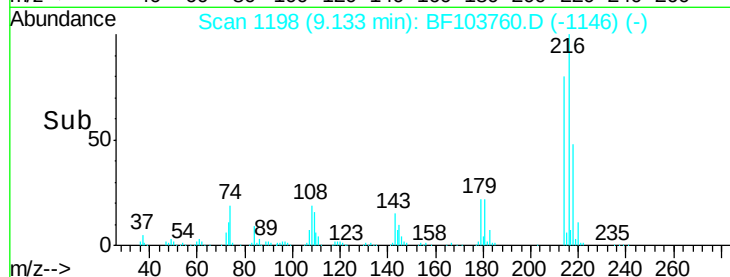
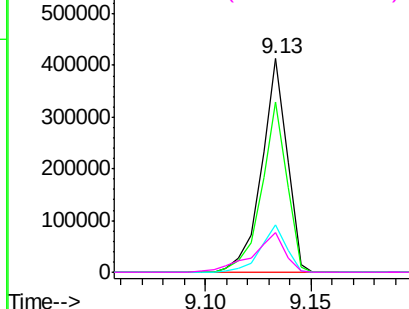
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		347160		
214	79.0		63.0	94.4	
179	22.5		18.1	27.1	
108	23.1		17.2	25.8	

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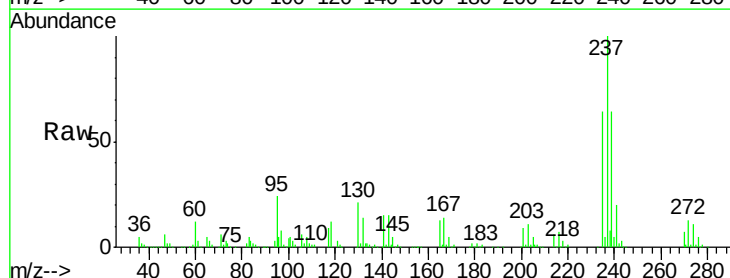


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

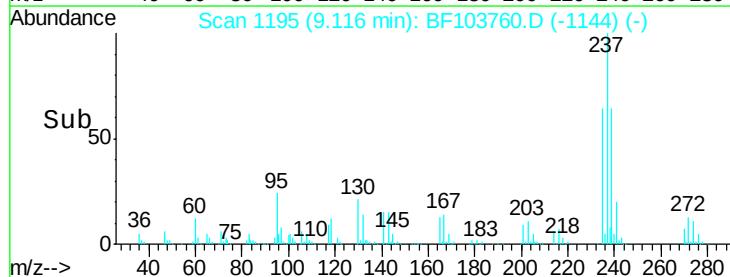
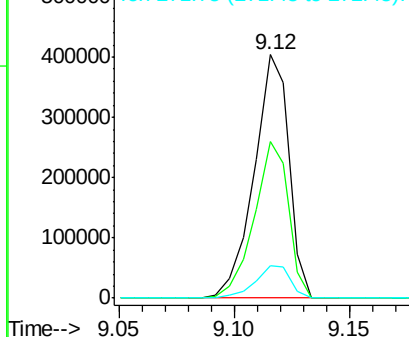


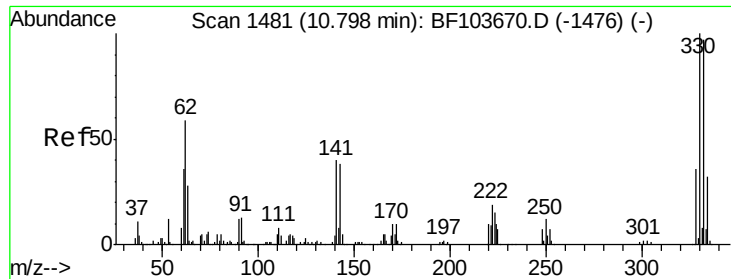
#40
 Hexachlorocyclopentadiene
 Concen: 93.527 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		425255		
235	64.1		44.8	84.8	
272	13.2		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





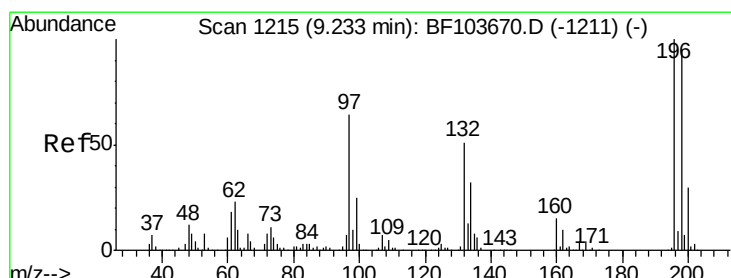
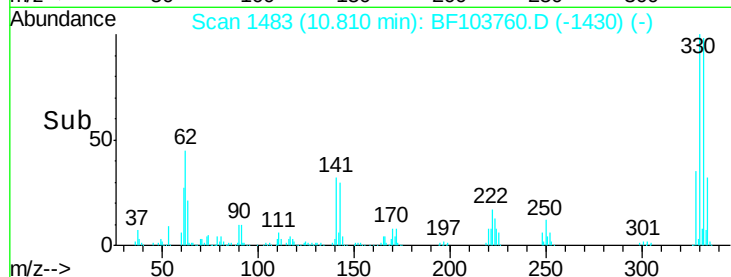
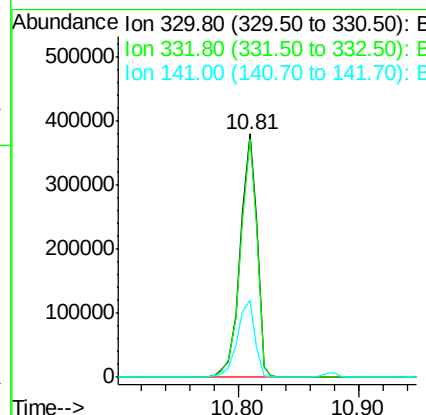
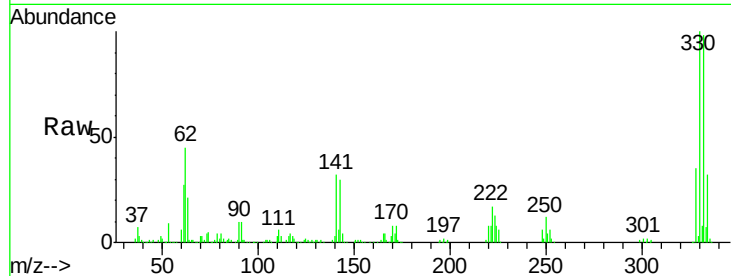
#41
 2,4,6-Tribromophenol
 Concen: 138.436 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampled :
 PB107477BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	367640		
332	96.8	77.0	115.6	
141	33.5	29.9	44.9	

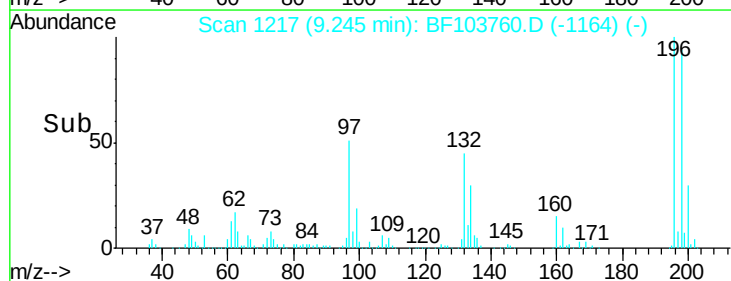
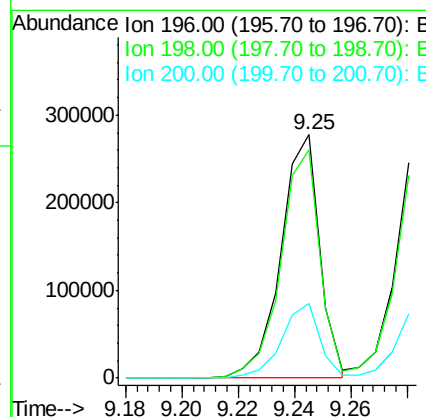
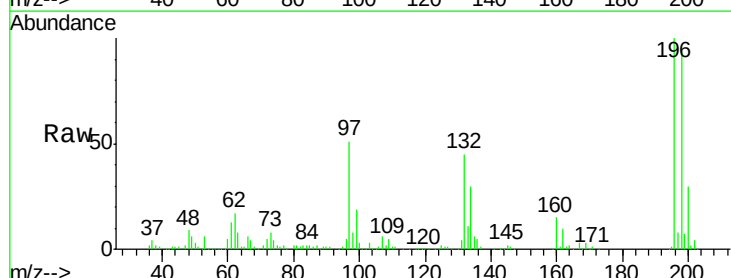
Manual Integrations
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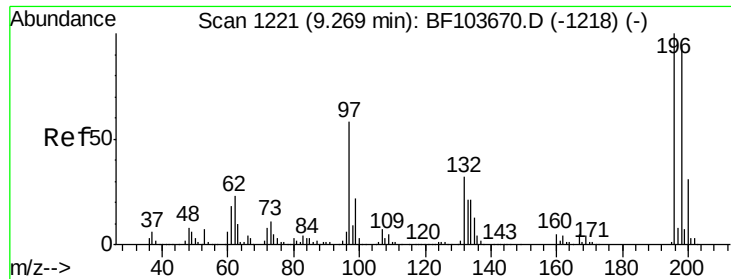
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#42
 2,4,6-Trichlorophenol
 Concen: 47.023 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265032		
198	93.8	75.7	113.5	
200	30.5	24.5	36.7	





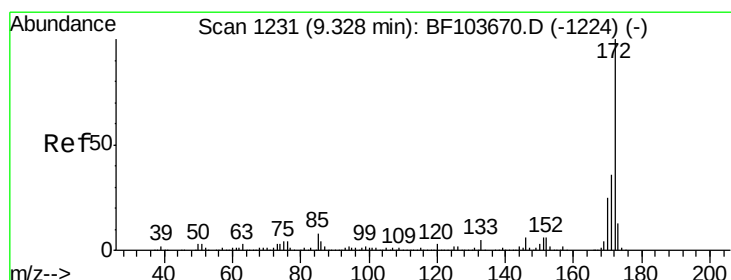
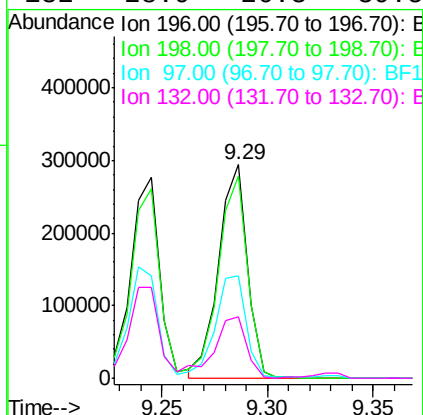
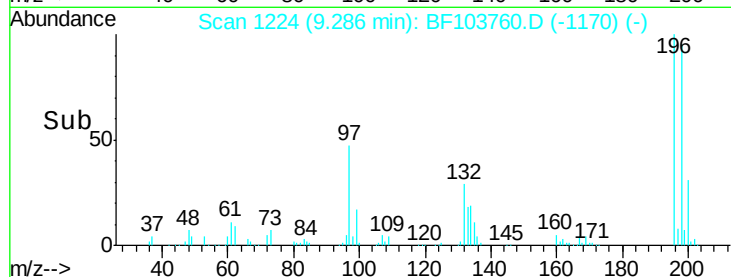
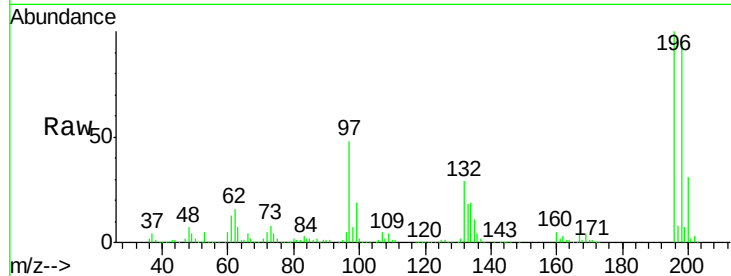
#43
2,4,5-Trichlorophenol
Concen: 43.578 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		277222		
198	94.9	74.6	112.0		
97	47.7	42.9	64.3		
132	28.9	26.3	39.5		

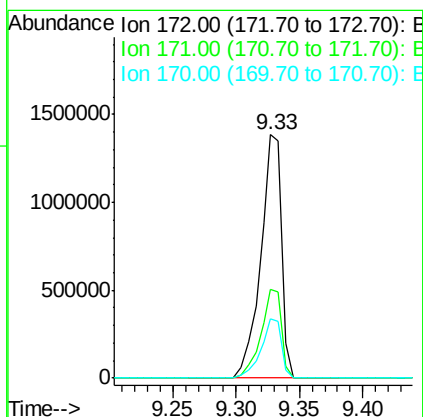
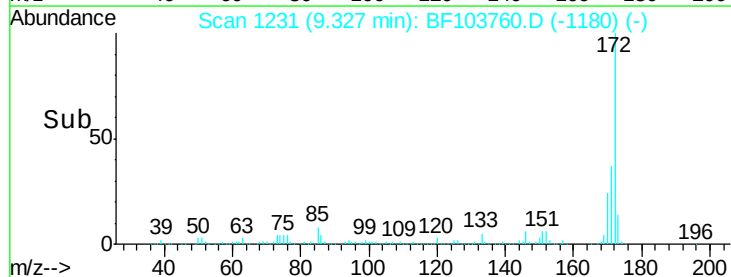
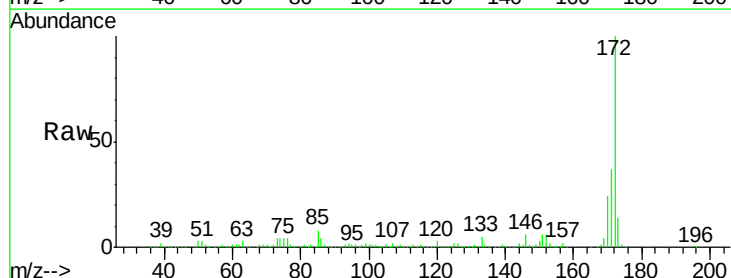
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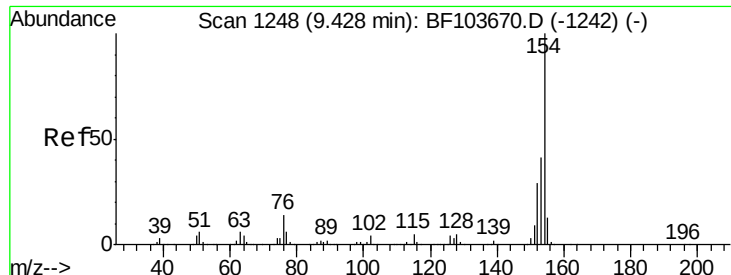
Sohil
3/20/2018 6:26:32 PM



#44
2-Fluorobiphenyl
Concen: 82.091 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1589536		
171	36.5	29.7	44.5		
170	24.4	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 38.304 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

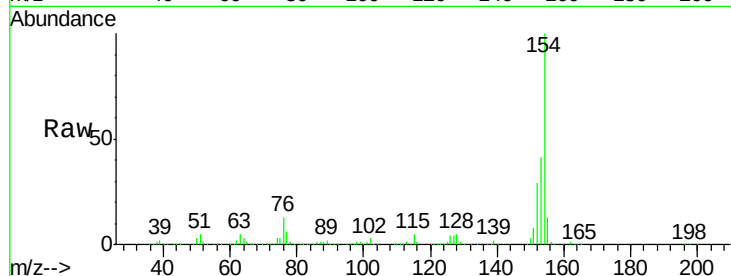
ClientSampleId :

PB107477BS

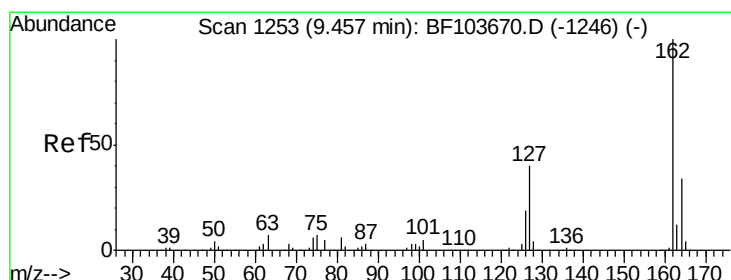
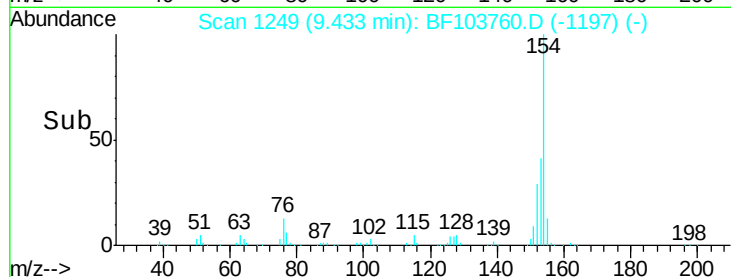
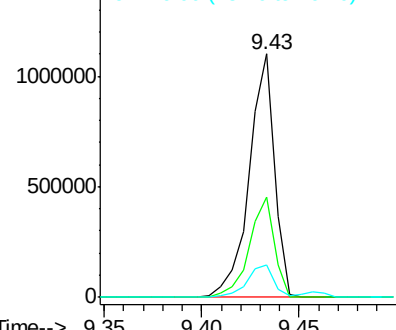
Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100		986531		
153	41.3	21.3	61.3		
76	13.4	0.0	34.0		

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



#46

2-Chloronaphthalene

Concen: 39.036 ng

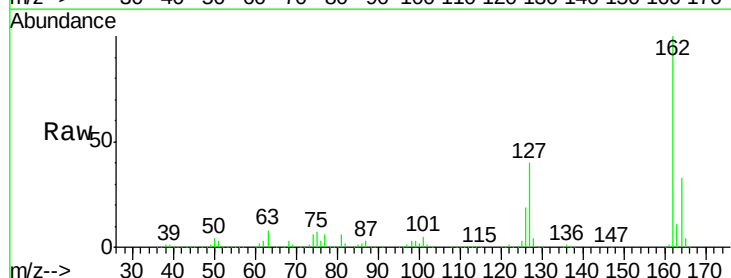
RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

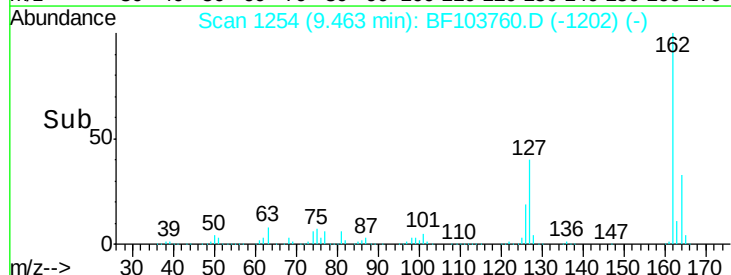
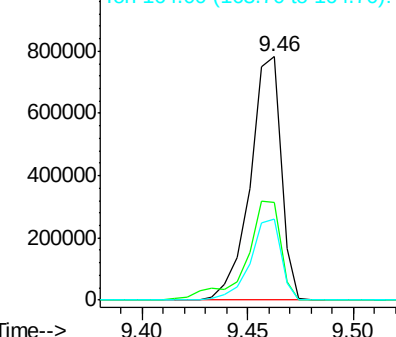
Lab File: BF103760.D

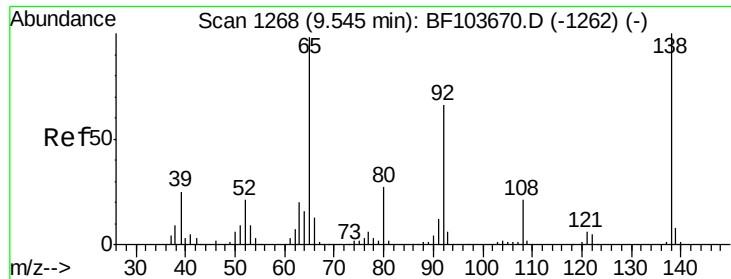
Acq: 19 Mar 2018 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100		798529		
127	40.2	33.9	50.9		
164	33.3	26.5	39.7		



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





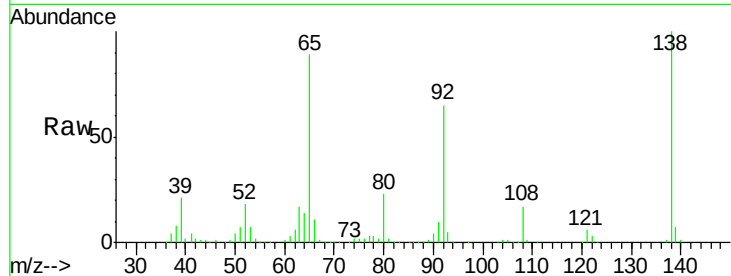
#47
2-Nitroaniline
Concen: 47.758 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

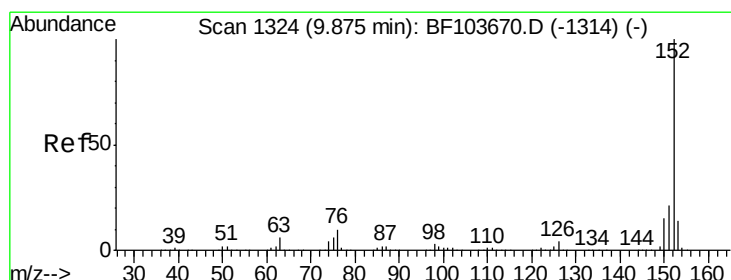
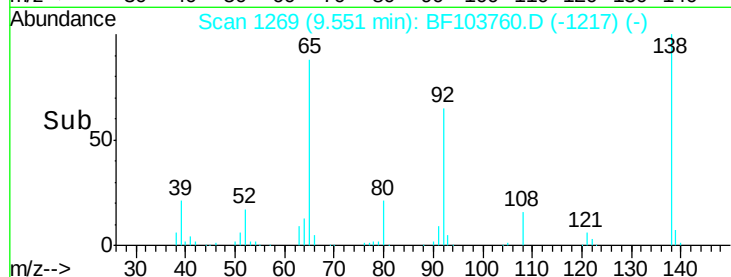
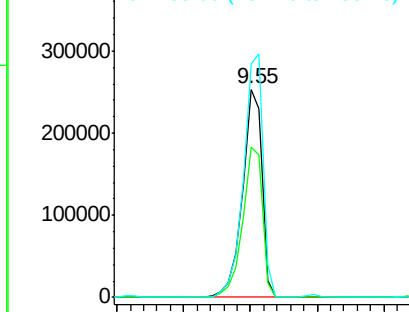
Tot Ion	Ratio	Lower	Upper
65	100		
92	72.4	55.8	83.6
138	111.9	91.2	136.8

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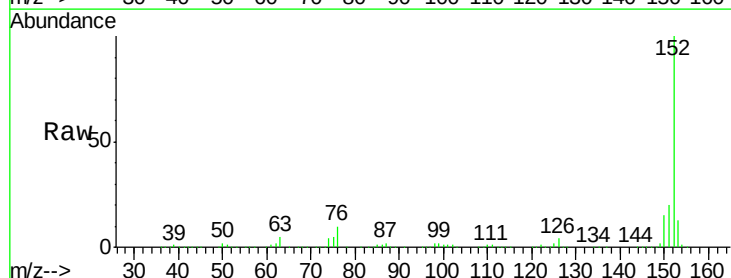


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

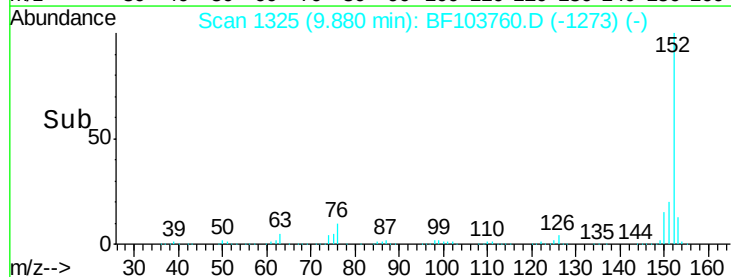
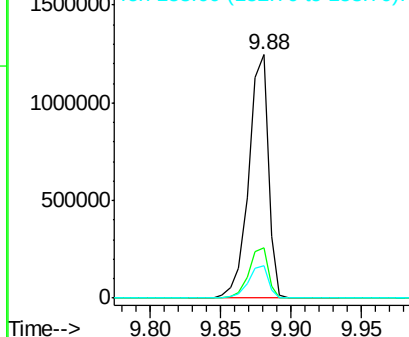


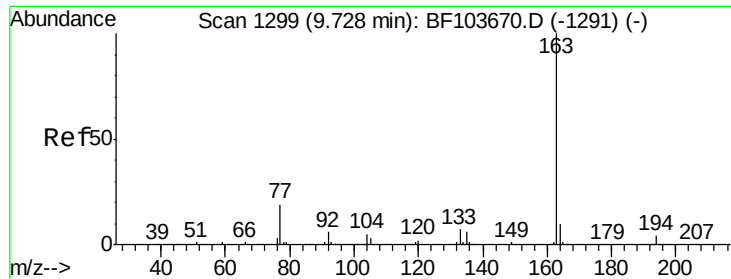
#48
Acenaphthylene
Concen: 38.348 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





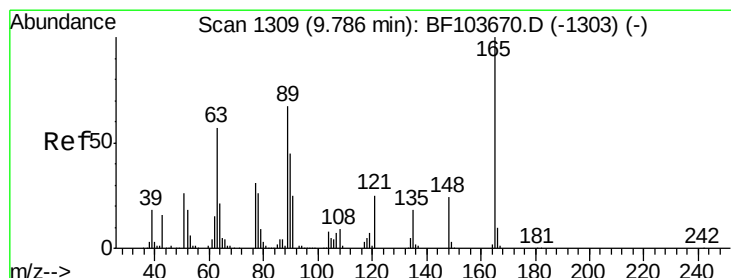
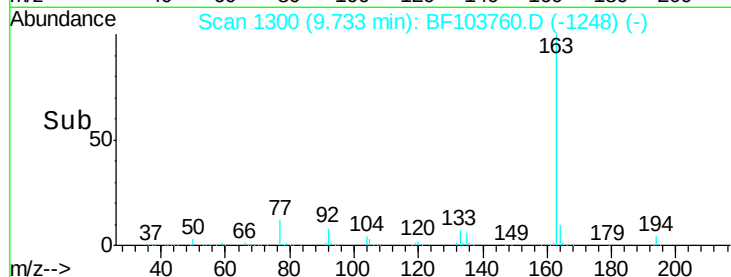
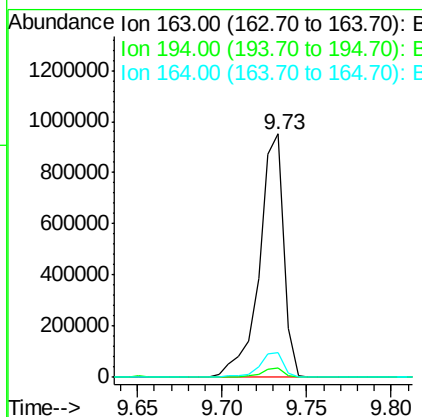
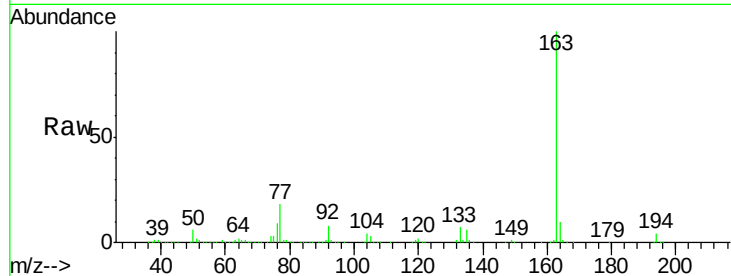
#49
Dimethylphthalate
Concen: 40.398 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	951988		
194	3.7		2.7	4.1
164	9.9		8.2	12.2

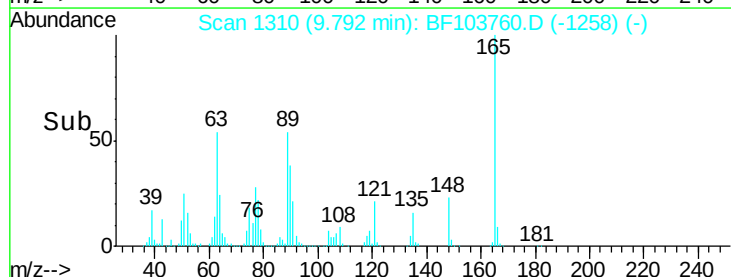
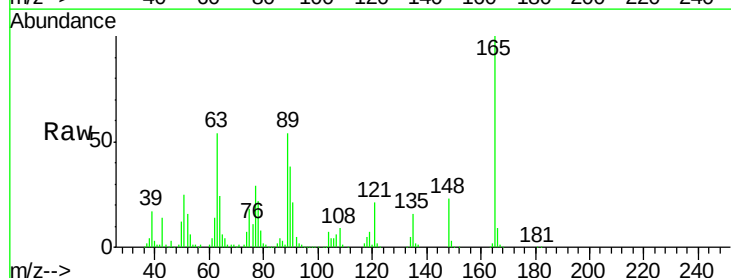
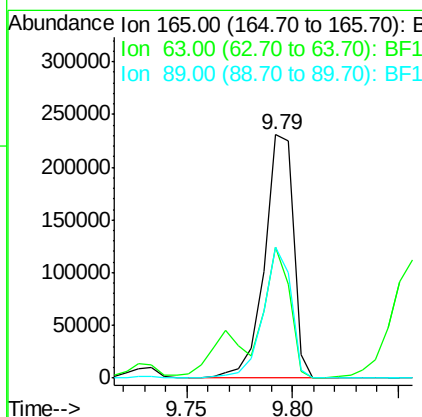
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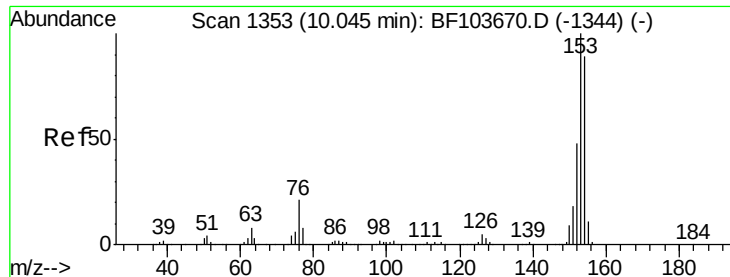
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#50
2,6-Dinitrotoluene
Concen: 48.223 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	219920		
63	53.7		44.7	67.1
89	53.9		44.0	66.0





#51

Acenaphthene

Concen: 42.851 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

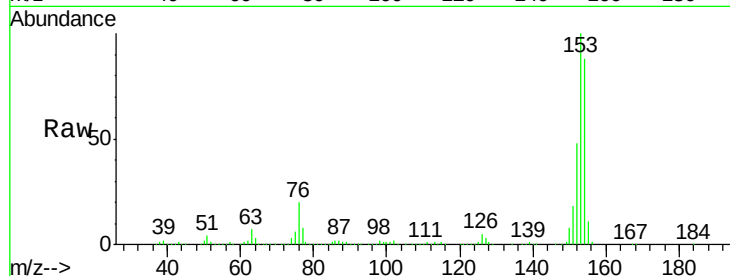
ClientSampleId :

PB107477BS

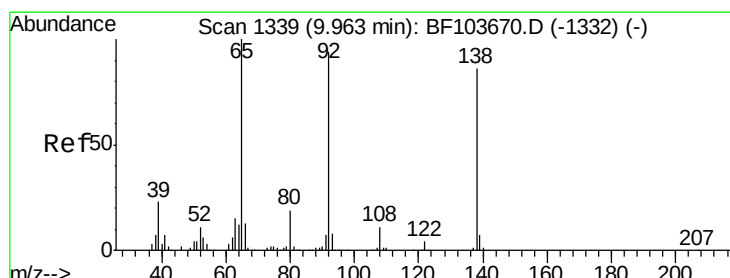
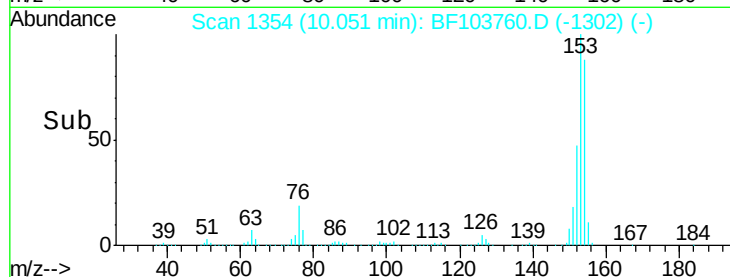
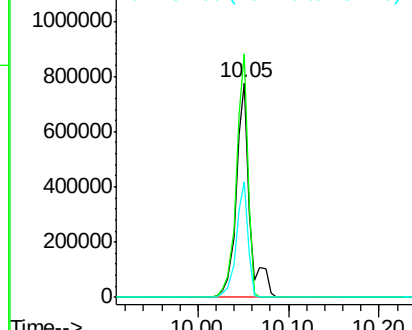
Tot Ion:	154	Resp:	807108
Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.2	136.8
152	53.9	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.110 ng

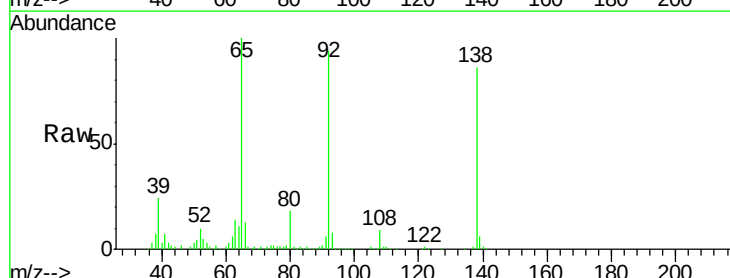
RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

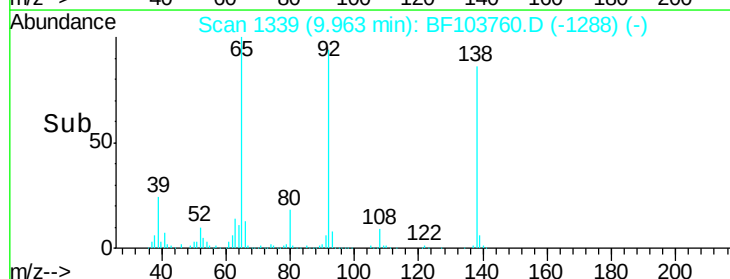
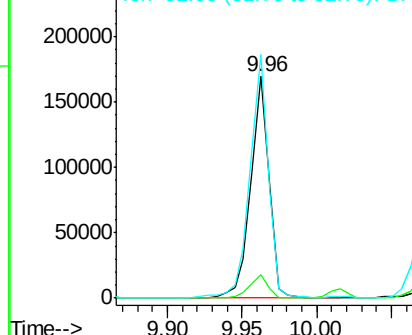
Lab File: BF103760.D

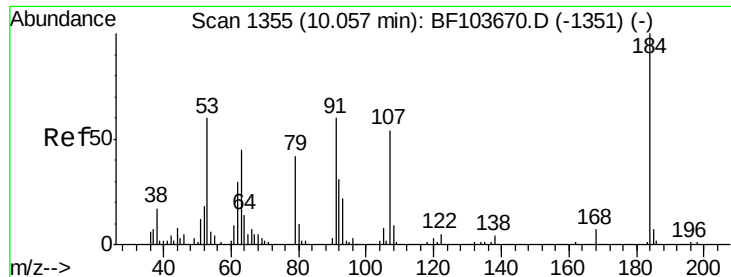
Acq: 19 Mar 2018 17:22

Tgt Ion:	138	Resp:	144192
Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	109.8	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





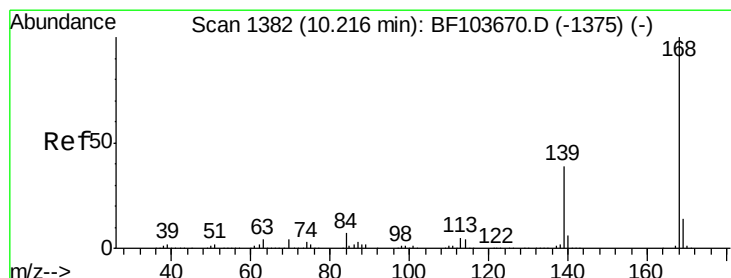
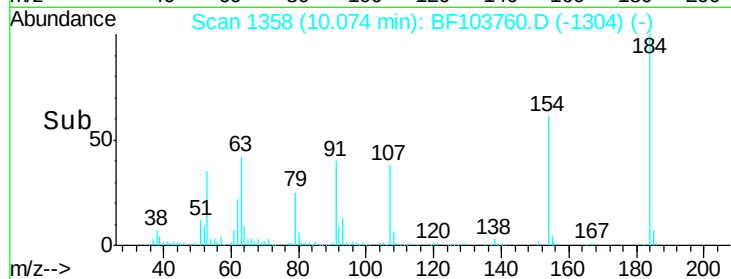
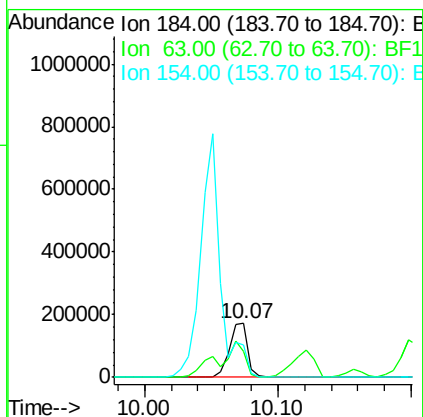
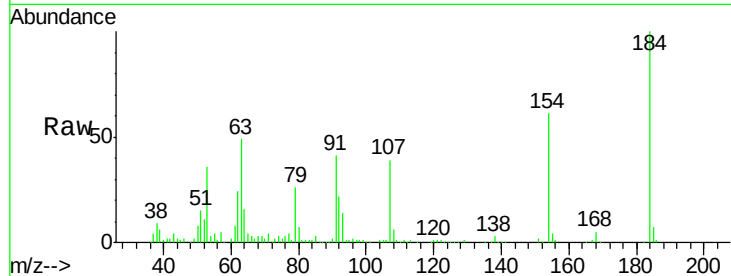
#53
2,4-Dinitrophenol
Concen: 98.832 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampled :
PB107477BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	48.9	54.2	81.2#
154	60.7	184.0	276.0#

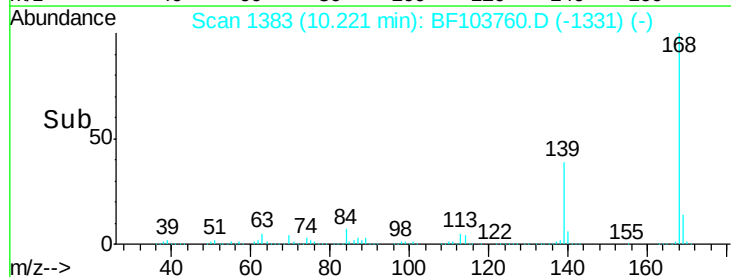
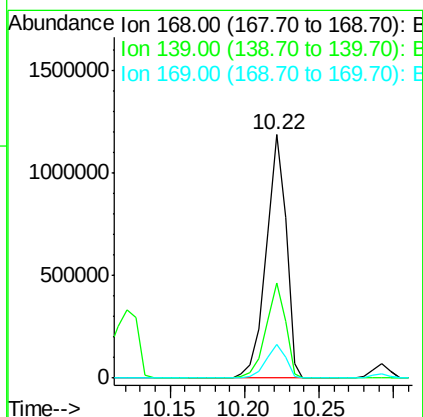
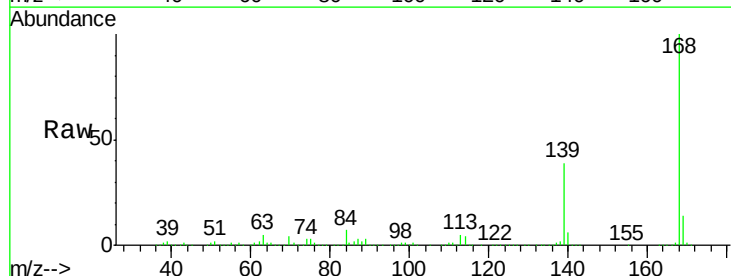
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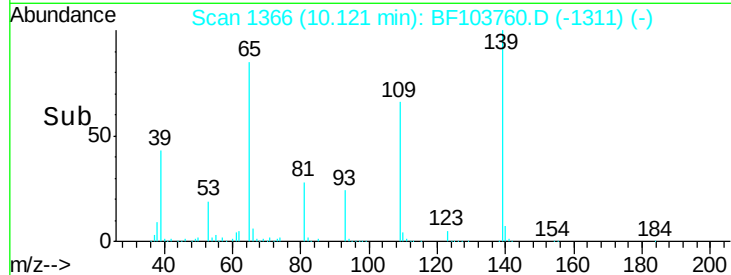
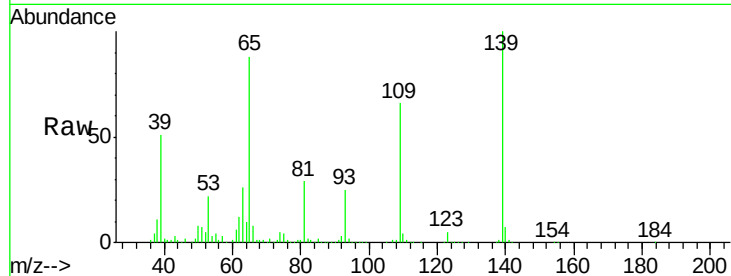
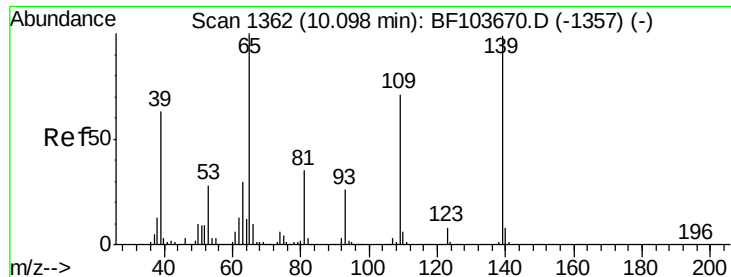
Sohil
3/20/2018 6:26:32 PM



#54
Dibenzofuran
Concen: 40.447 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	14.0	10.9	16.3





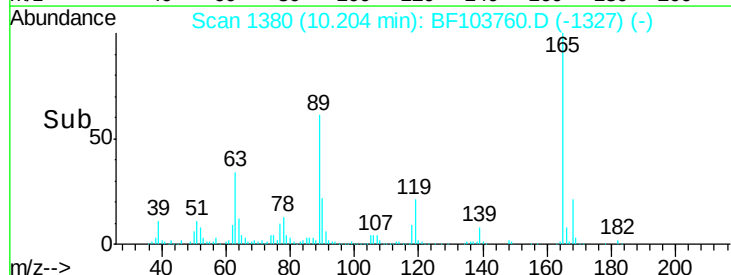
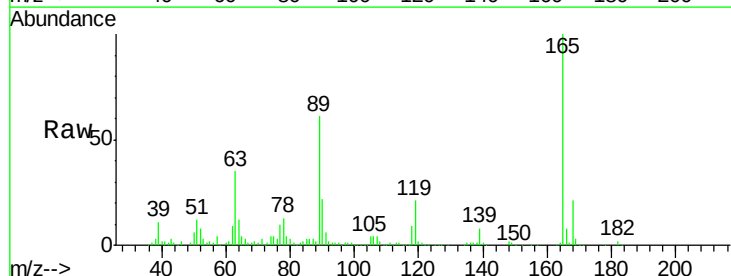
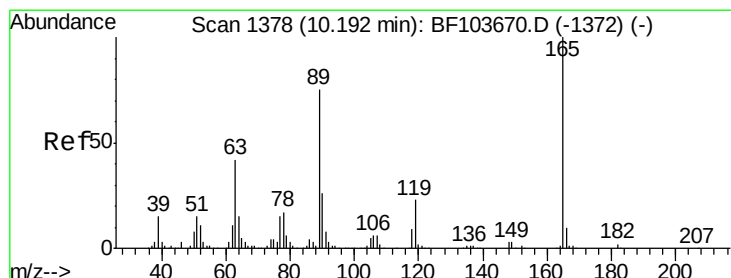
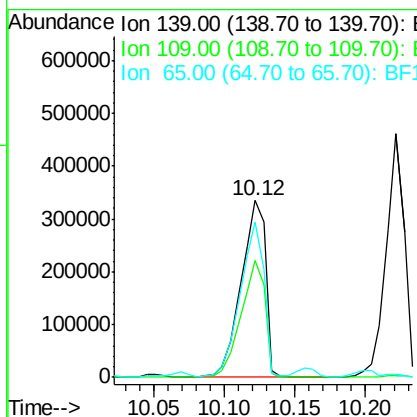
#55
4-Nitrophenol
Concen: 92.500 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	402651		
109	66.0	48.4	88.4	
65	88.0	72.6	112.6	

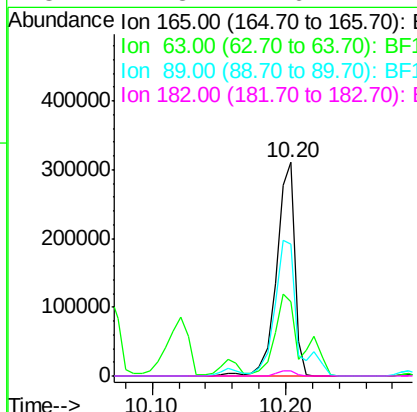
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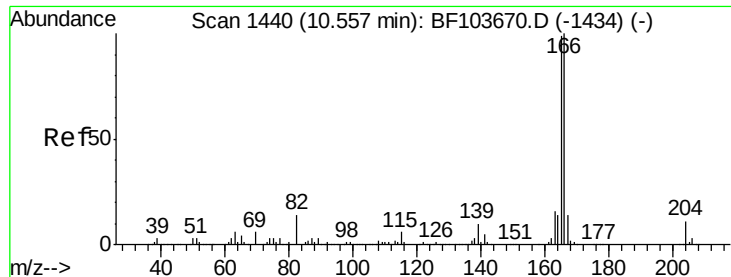
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#56
2,4-Dinitrotoluene
Concen: 51.151 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	298117		
63	34.7	36.4	54.6#	
89	61.4	57.8	86.6	
182	2.3	1.6	2.4	





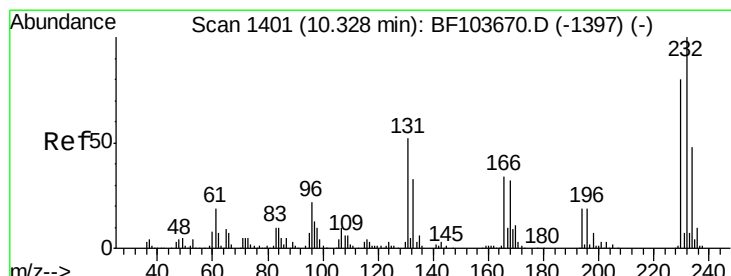
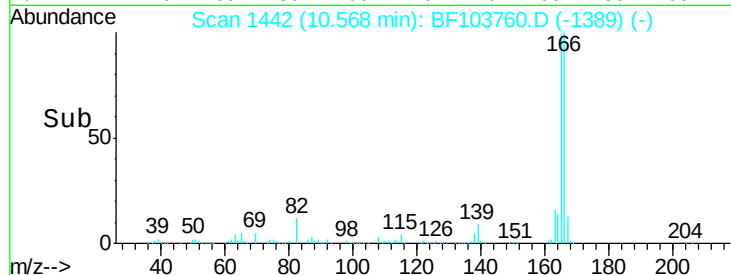
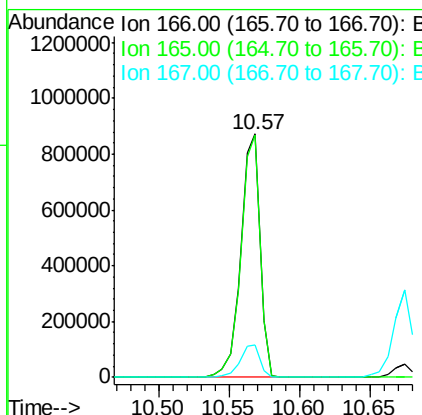
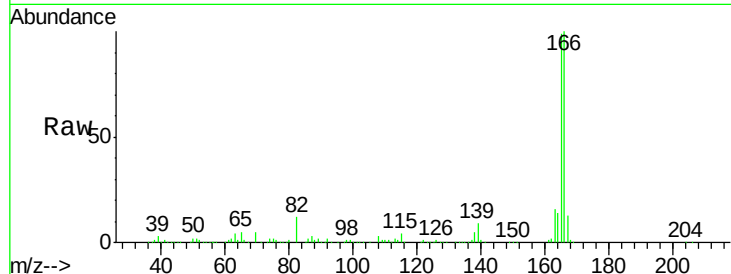
#57
 Fluorene
 Concen: 39.444 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB107477BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.5	10.6	16.0

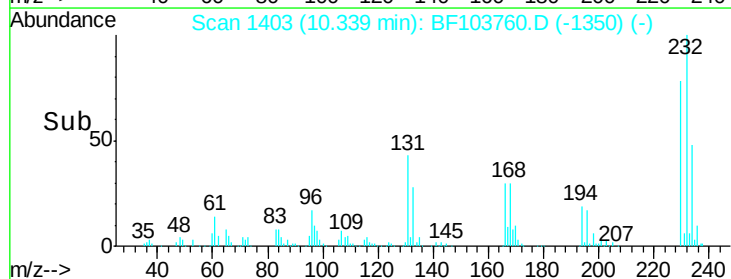
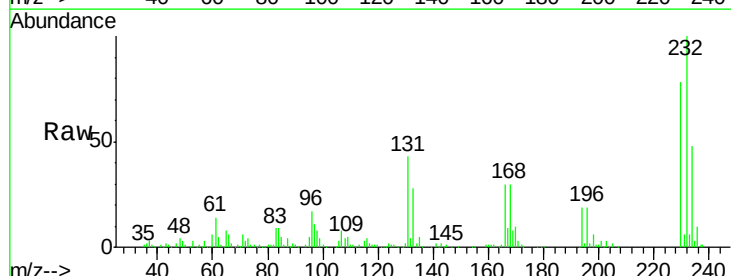
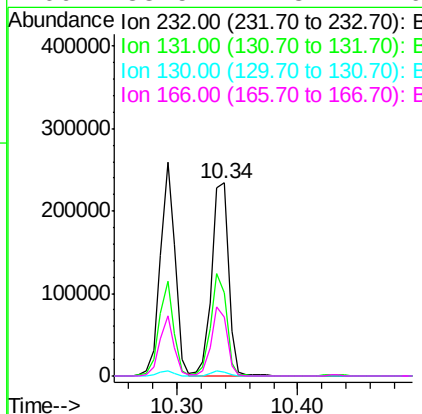
Manual Integrations
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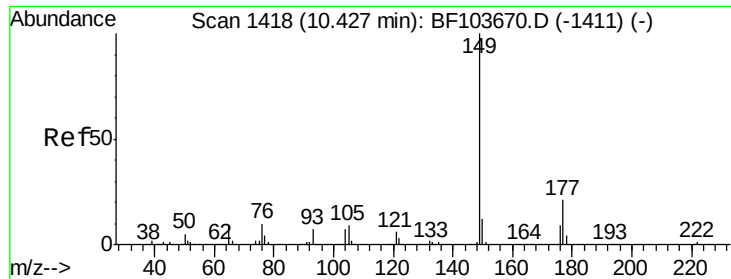
Sohil
 3/20/2018 6:26:32 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.150 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	43.8	65.8
130	2.6	2.1	3.1
166	33.5	27.8	41.6





#59

Diethylphthalate

Concen: 39.536 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

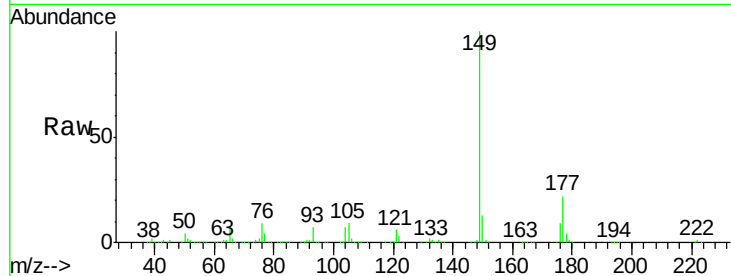
ClientSampleId :

PB107477BS

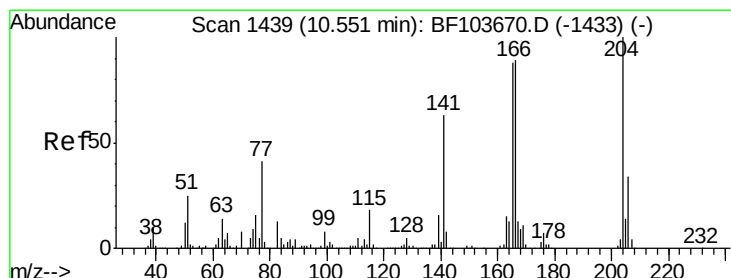
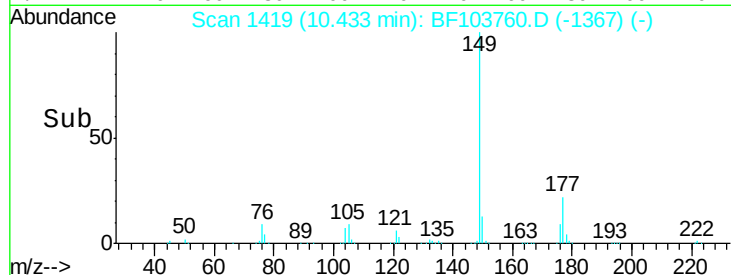
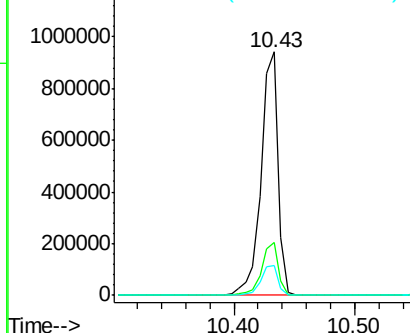
Tot Ion:	149	Resp:	924704
Ion Ratio	Lower	Upper	
149	100		
177	21.7	16.1	24.1
150	12.5	10.1	15.1

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



#60

4-Chlorophenyl-phenylether

Concen: 40.005 ng

RT: 10.55 min Scan# 1439

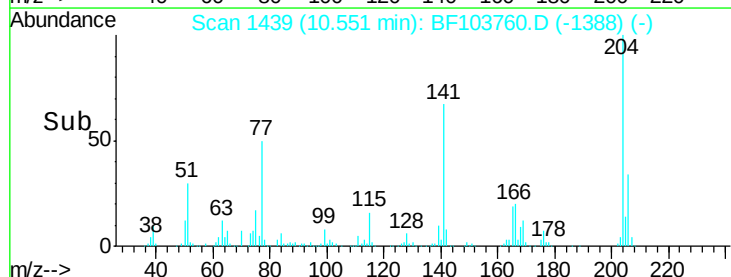
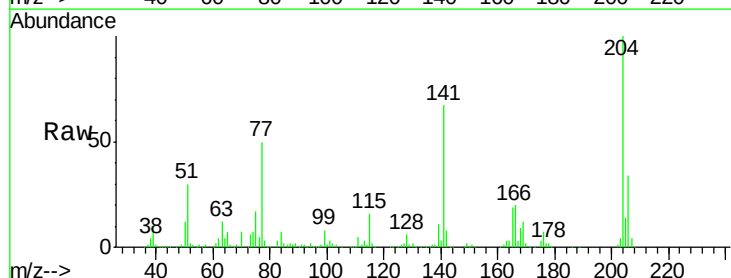
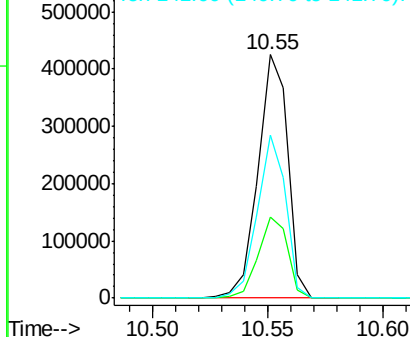
Delta R.T. -0.00 min

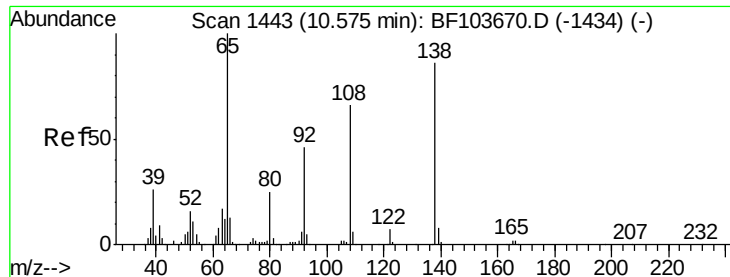
Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion:	204	Resp:	381639
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.5	39.7
141	66.8	54.6	81.8

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





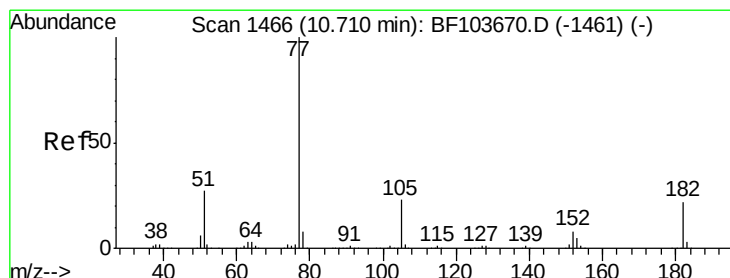
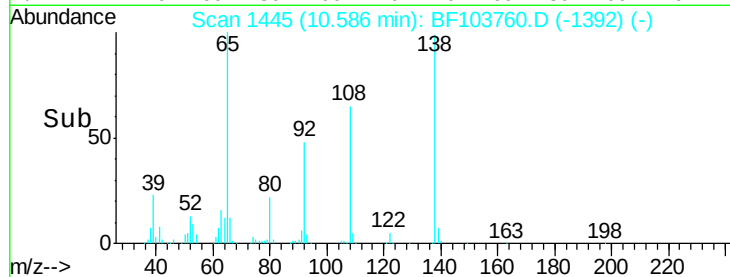
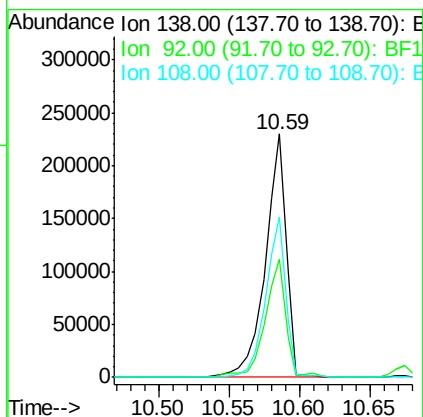
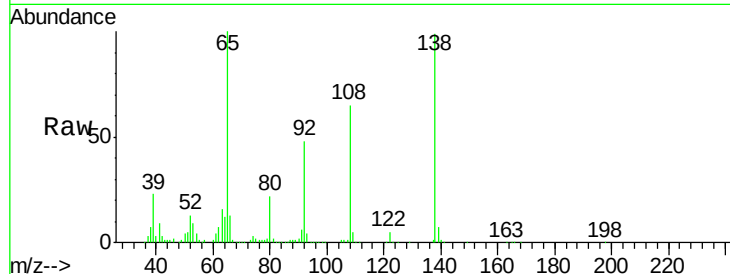
#61
4-Nitroaniline
Concen: 45.695 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.7	30.2	70.2
108	66.1	52.5	92.5

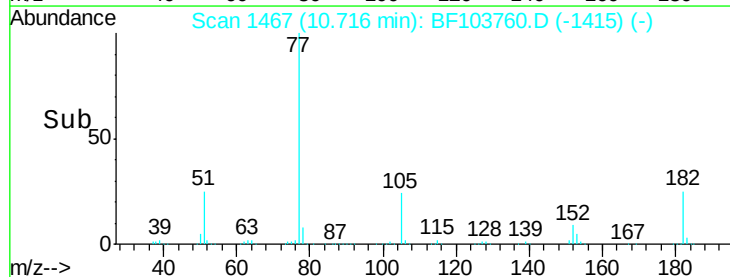
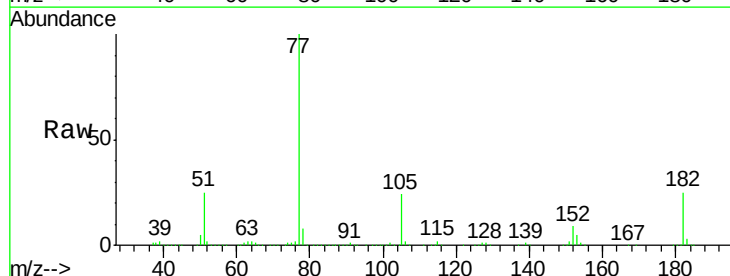
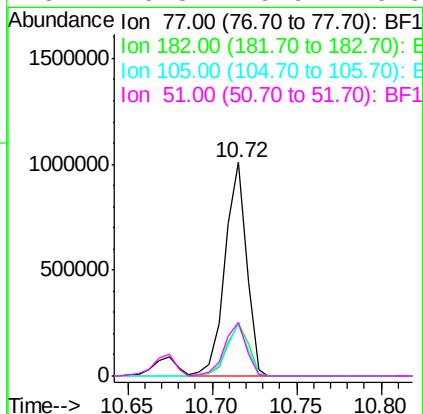
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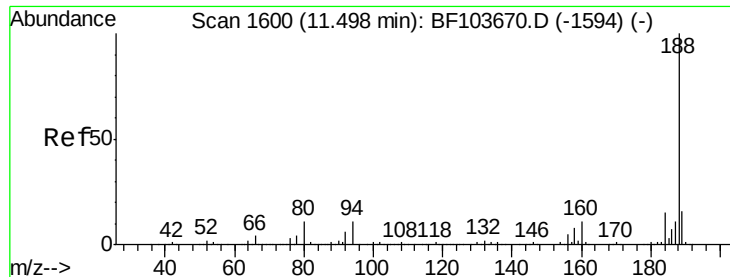
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#62
Azobenzene
Concen: 37.551 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	1.7	41.7
105	24.0	3.0	43.0
51	25.3	9.9	49.9





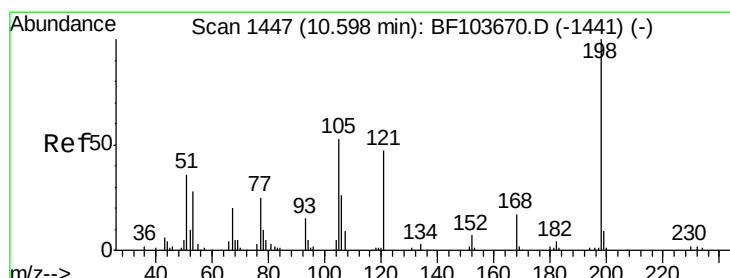
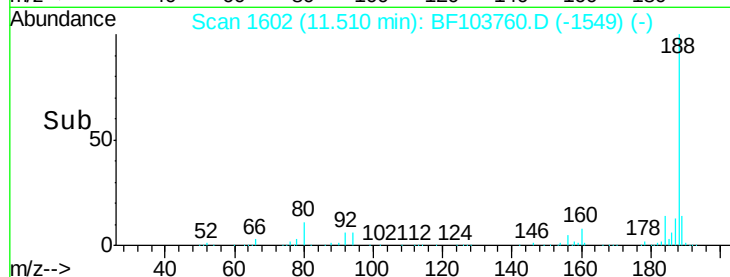
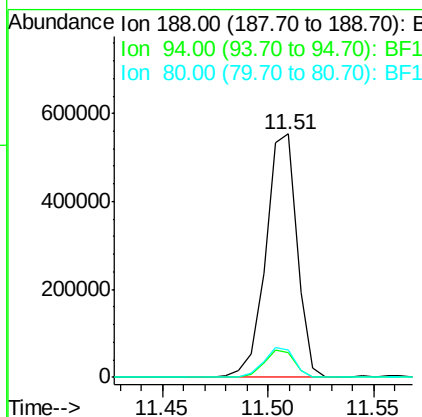
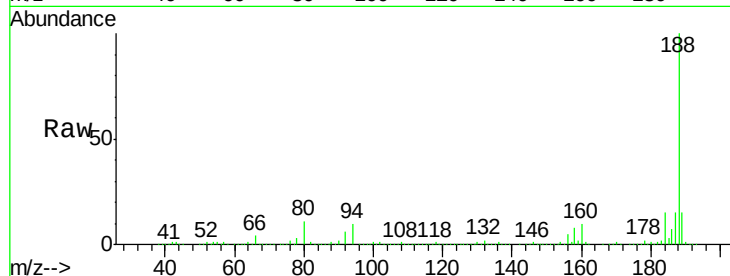
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB107477BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.2	9.2	13.8

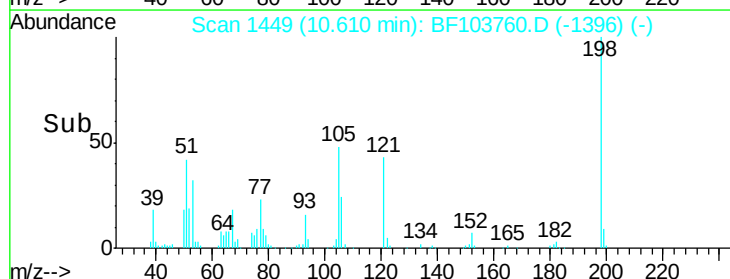
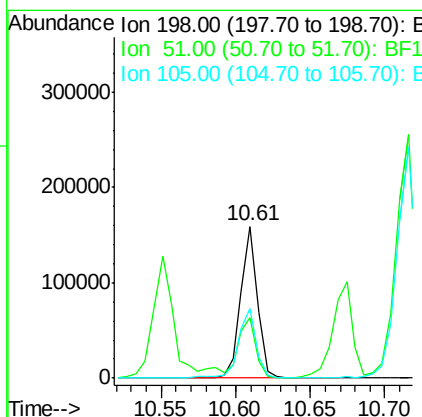
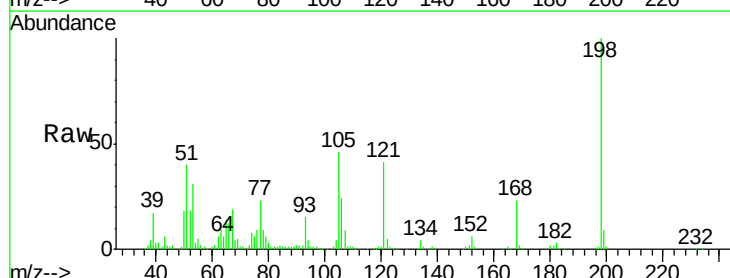
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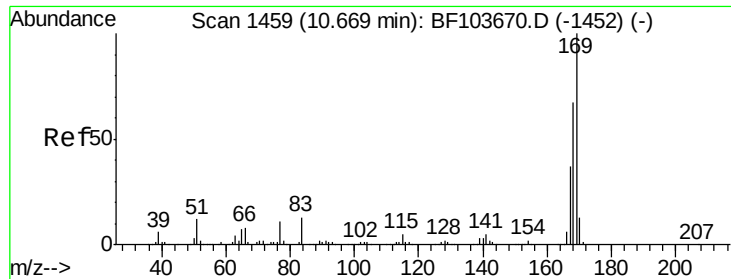
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.351 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	40.4	37.7	77.7
105	45.7	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 39.358 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

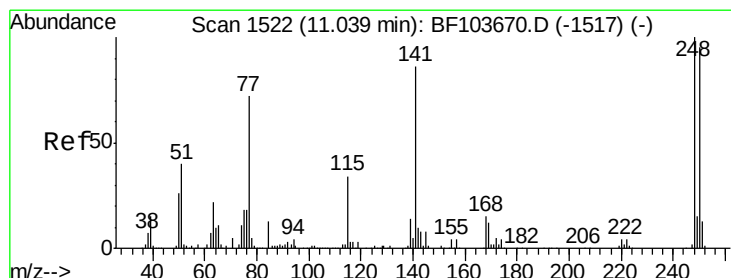
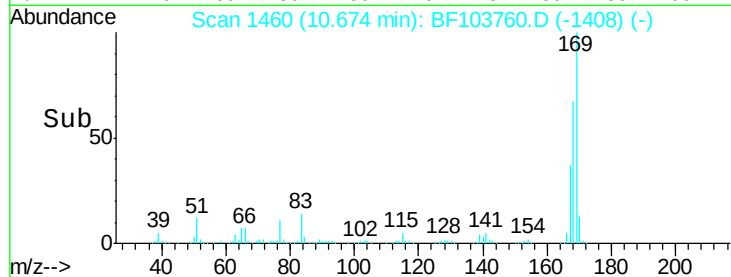
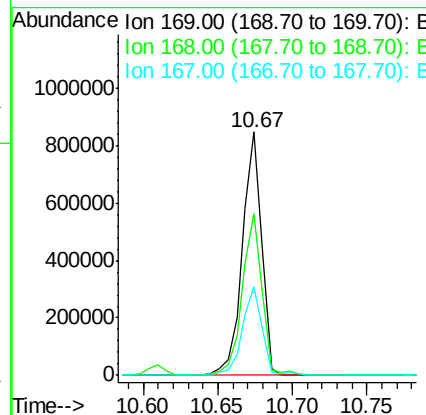
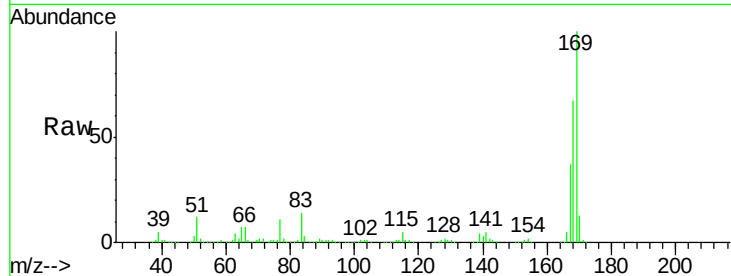
ClientSampled :

PB107477BS

Tot Ion:	169	Resp:	763356
Ion Ratio	Lower	Upper	
169	100		
168	66.6	54.4	81.6
167	36.7	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 40.580 ng

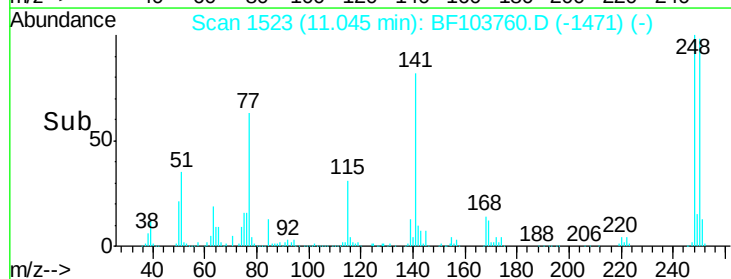
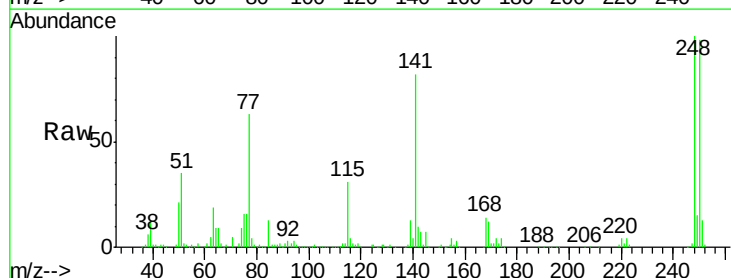
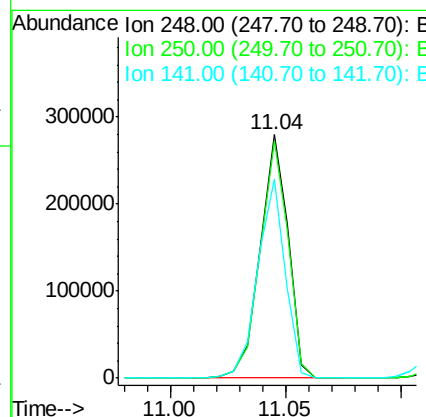
RT: 11.04 min Scan# 1523

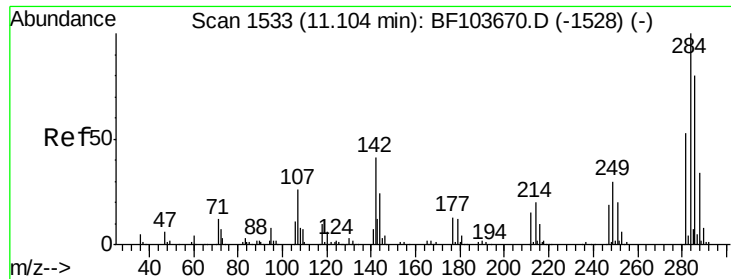
Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion:	248	Resp:	237408
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.9	115.3
141	81.6	74.4	111.6





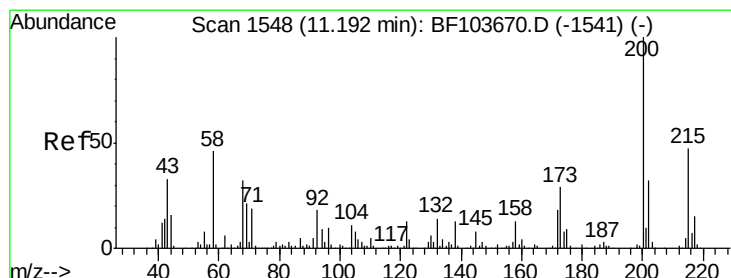
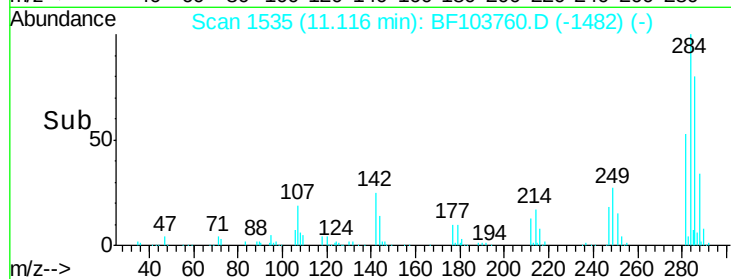
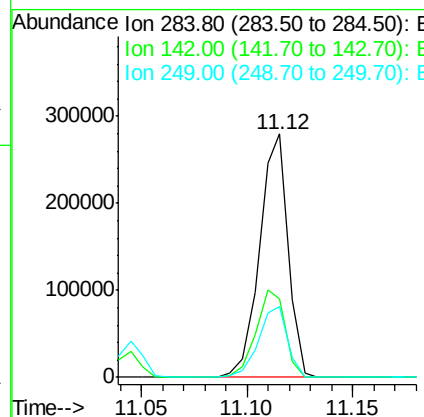
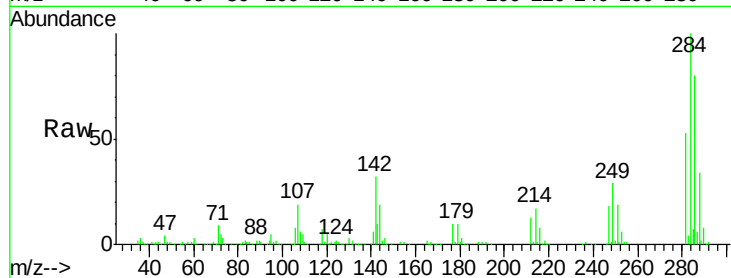
#67
Hexachlorobenzene
Concen: 39.332 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	262628		
142	32.3	34.6	52.0	
249	29.3	24.8	37.2	

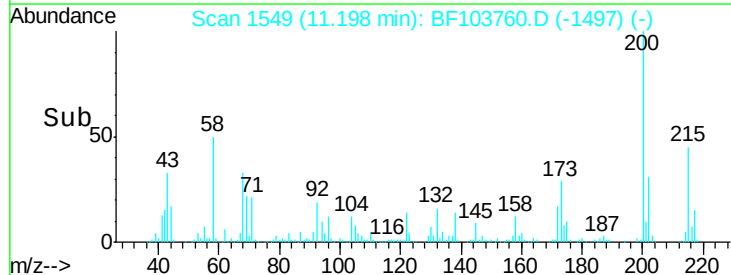
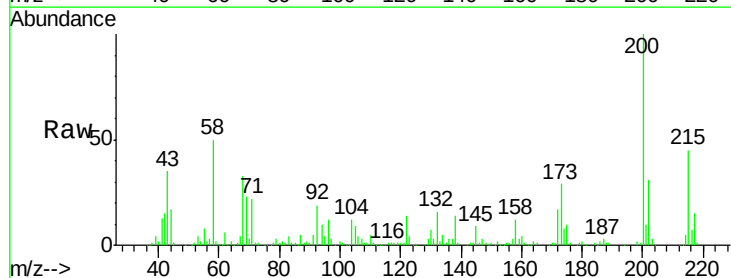
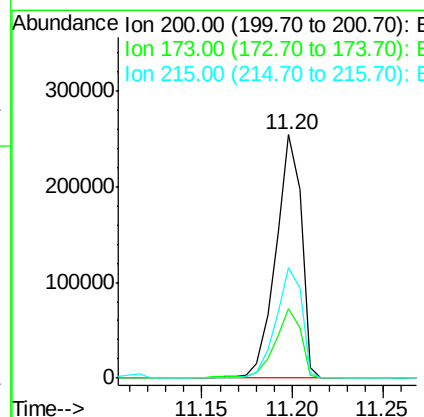
Manual Integrations
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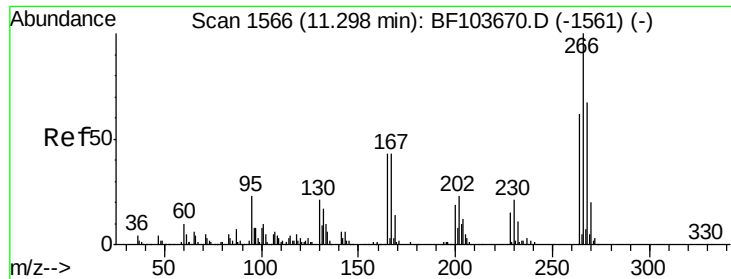
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#68
Atrazine
Concen: 41.288 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	247712		
173	28.6	8.6	48.6	
215	45.3	25.1	65.1	





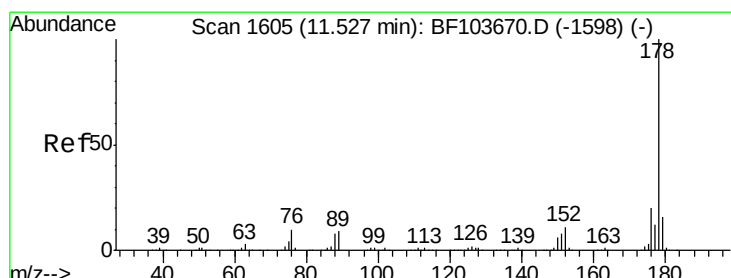
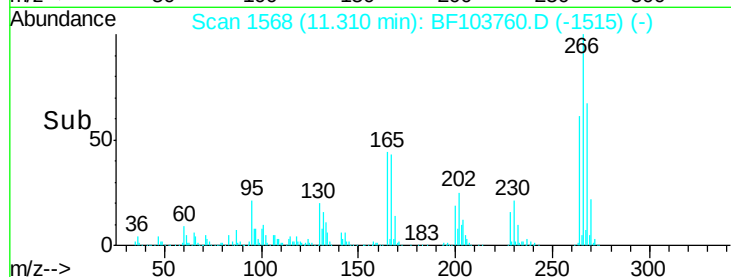
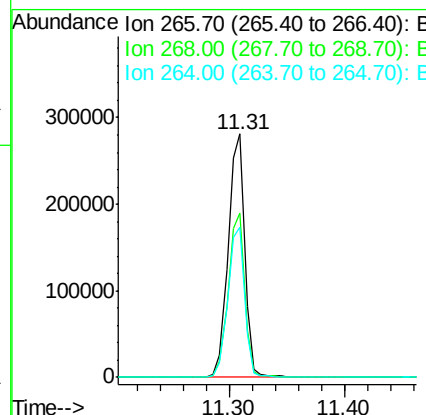
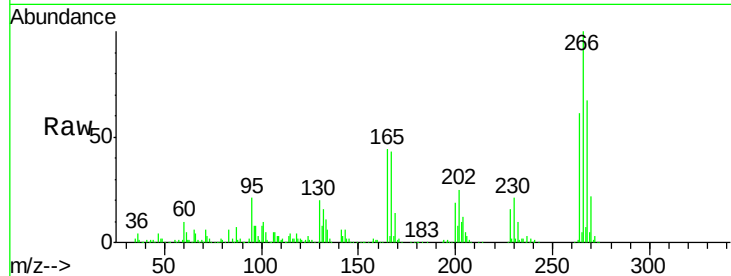
#69
 Pentachlorophenol
 Concen: 73.017 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB107477BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	280299		
268	67.4	51.1	76.7	
264	61.5	49.5	74.3	

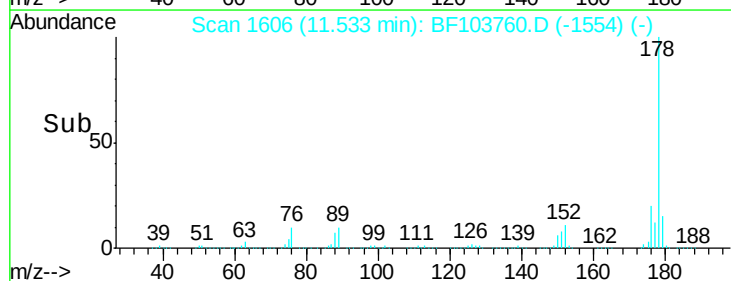
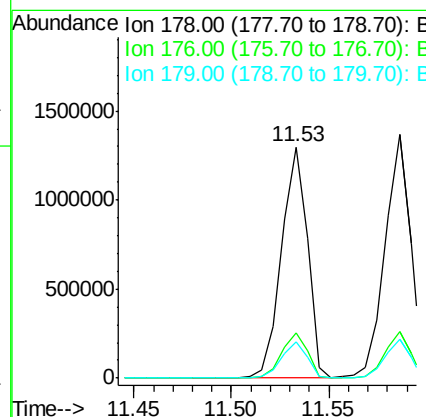
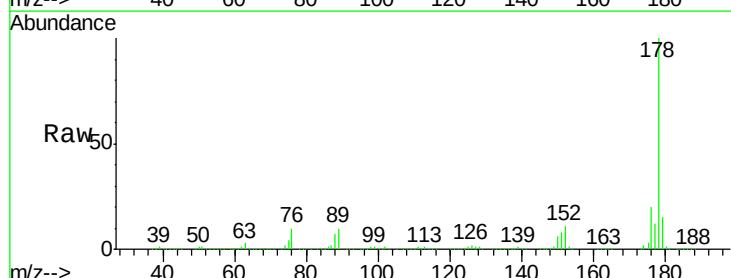
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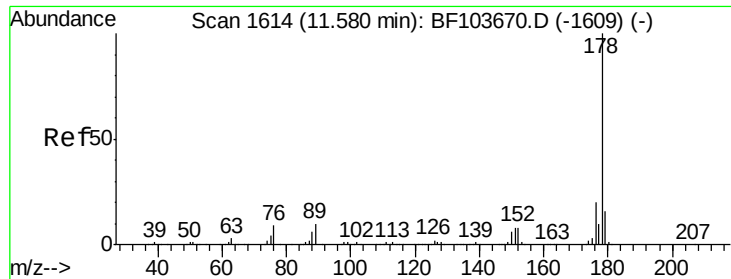
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#70
 Phenanthrene
 Concen: 38.508 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1200277		
176	19.8	15.8	23.8	
179	15.5	13.0	19.6	





#71
 Anthracene
 Concen: 39.045 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

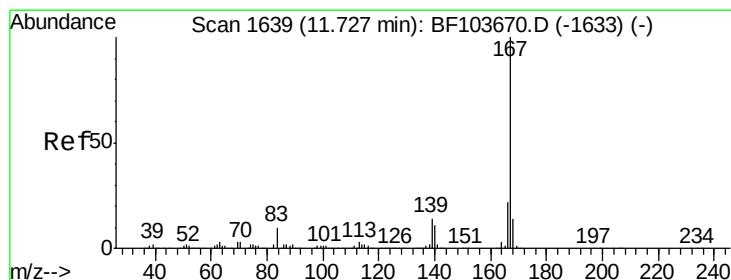
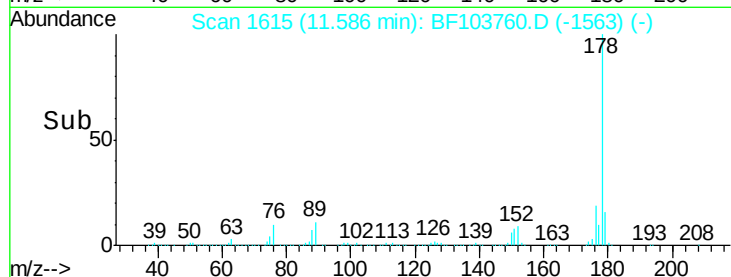
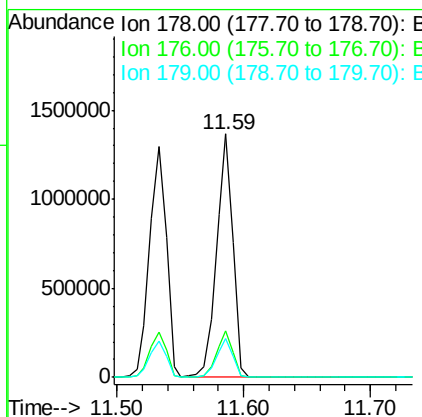
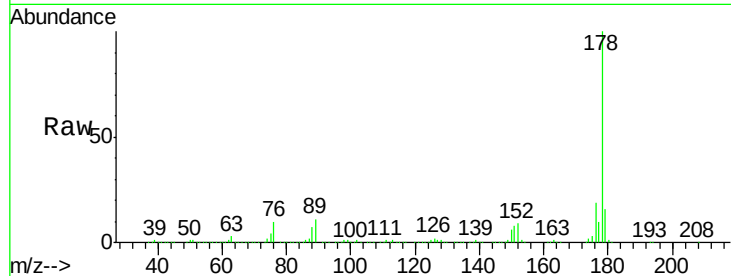
Instrument :
 BNA_F
 ClientSampleId :
 PB107477BS

Tot Ion:178 Resp: 1236064

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0

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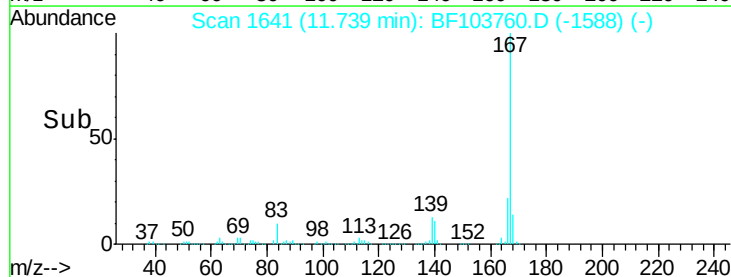
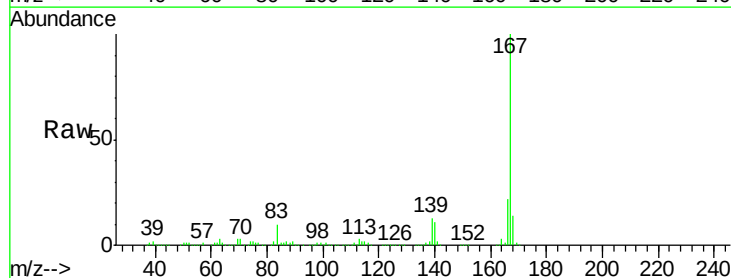
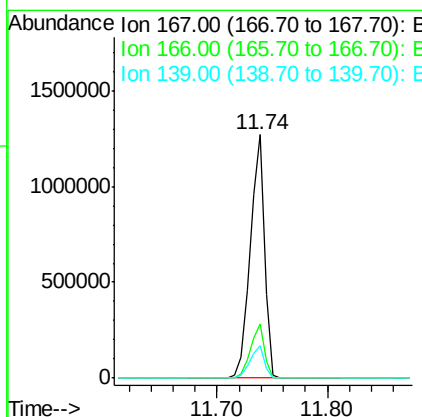
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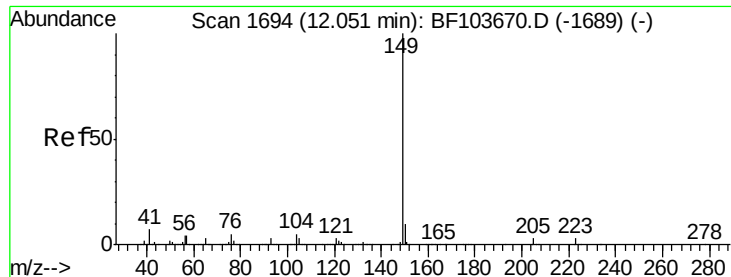


#72
 Carbazole
 Concen: 37.700 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion:167 Resp: 1160008

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.976 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

PB107477BS

Tot Ion:149 Resp: 1439008

Ion Ratio Lower Upper

149 100

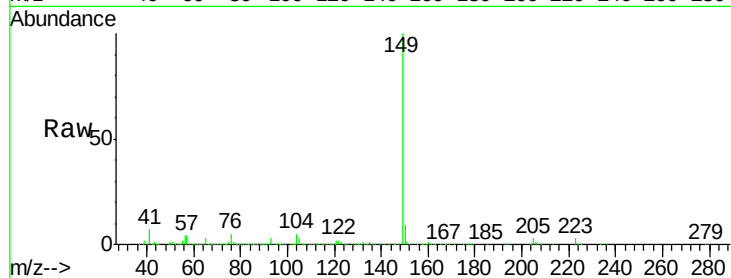
150 9.5 7.8 11.6

104 4.9 3.8 5.8

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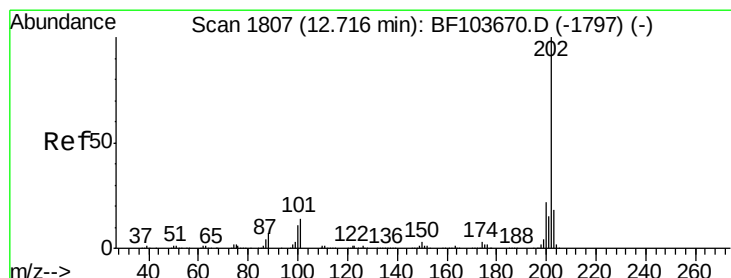
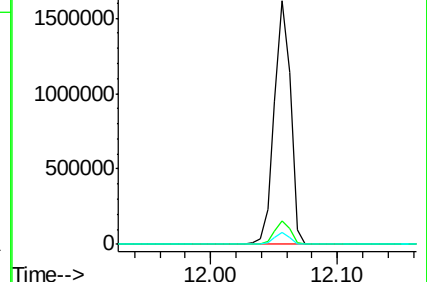
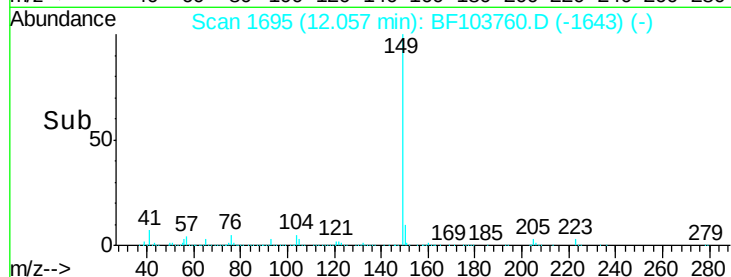
3/20/2018 6:26:32 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.800 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

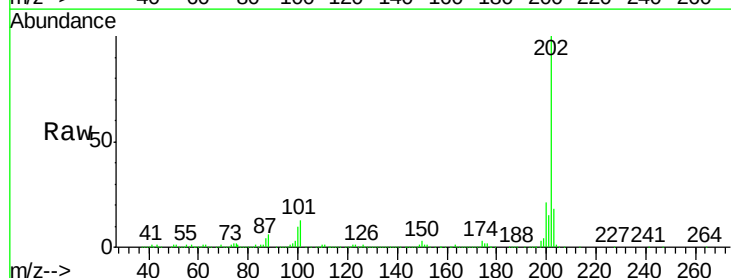
Tgt Ion:202 Resp: 1245920

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

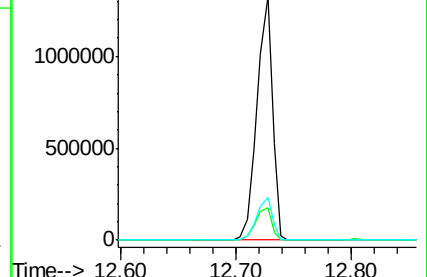
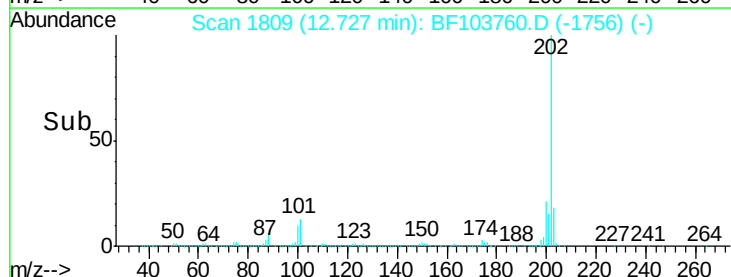
203 17.7 0.0 38.1

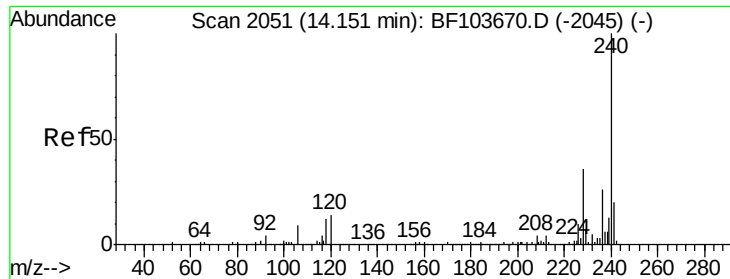


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





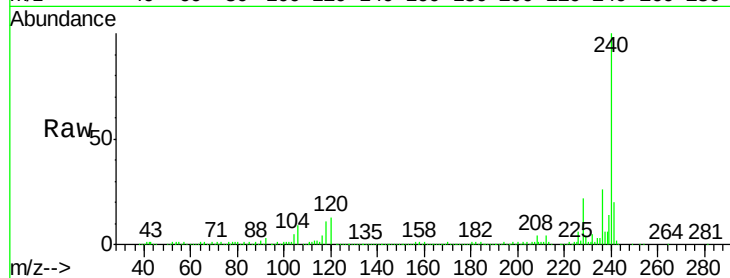
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

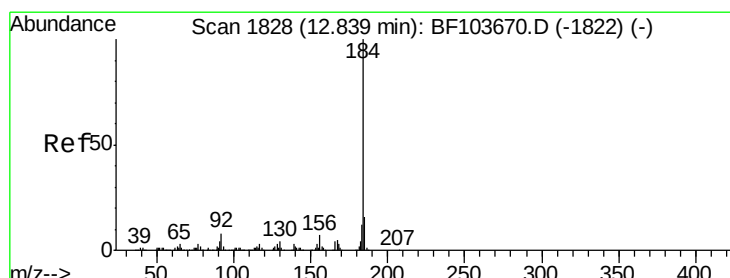
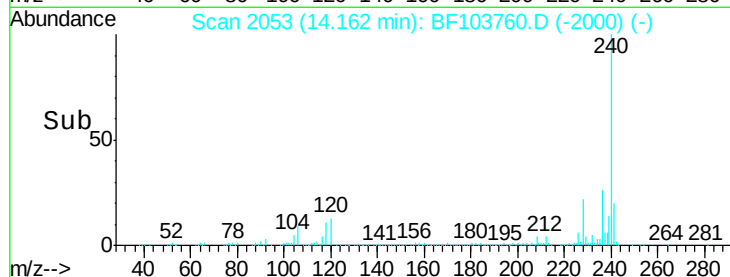
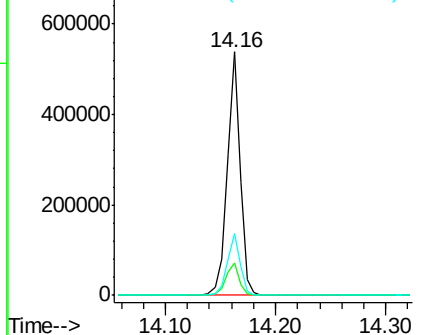
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.6	20.7	31.1

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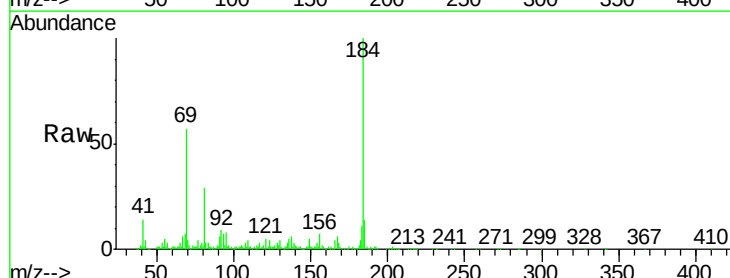


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

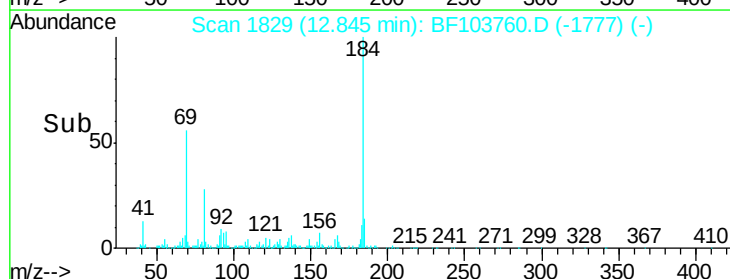
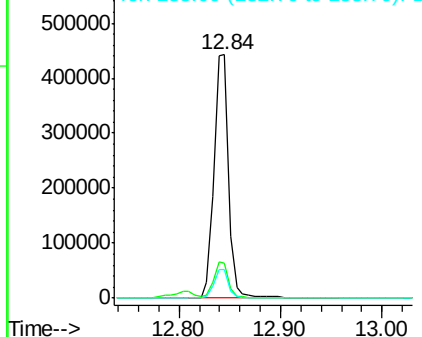


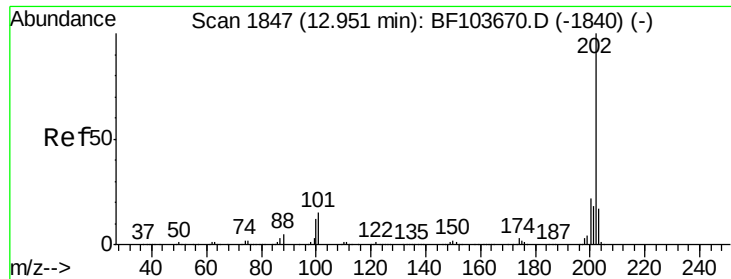
#76
Benzidine
Concen: 23.745 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	11.5	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: 38.975 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

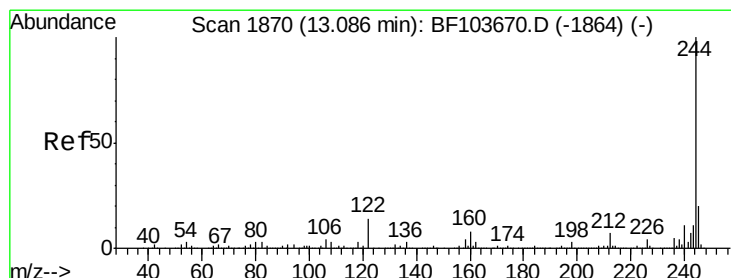
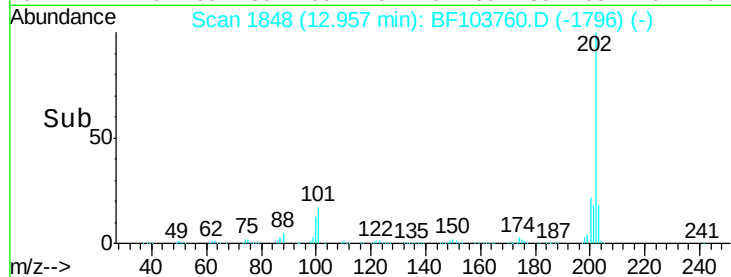
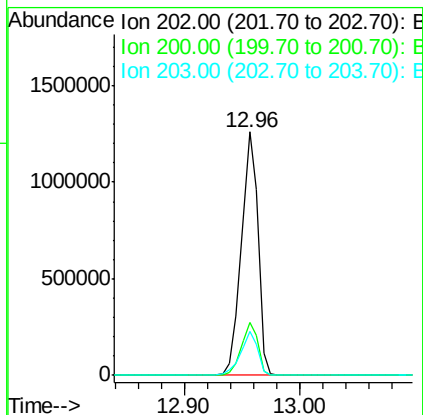
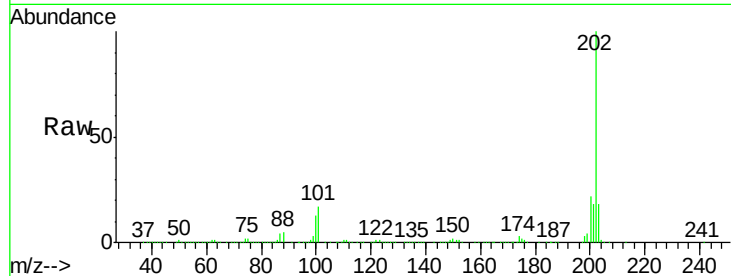
ClientSampleId :

PB107477BS

Tot Ion:	202	Resp:	1262395
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 83.244 ng

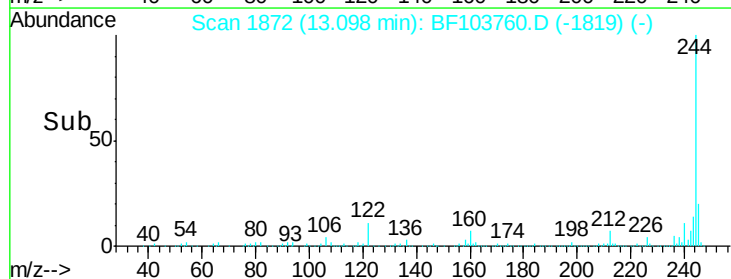
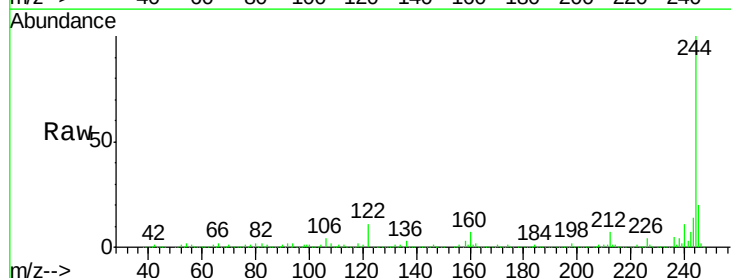
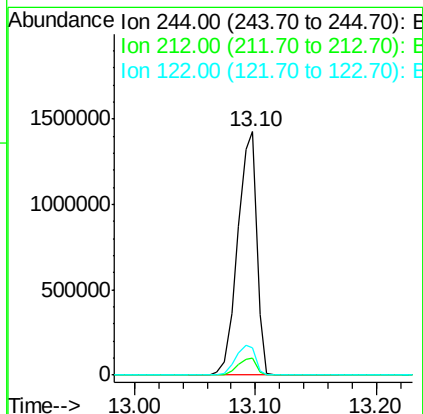
RT: 13.10 min Scan# 1872

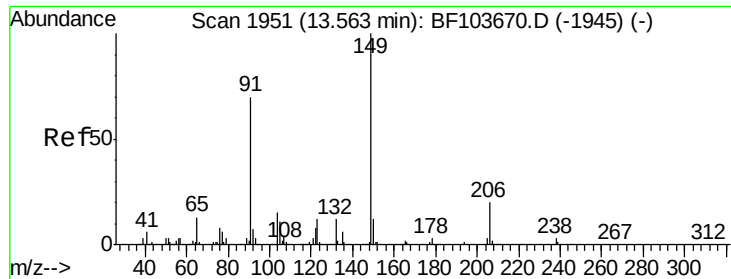
Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion:	244	Resp:	1581732
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	11.5	11.0	16.4





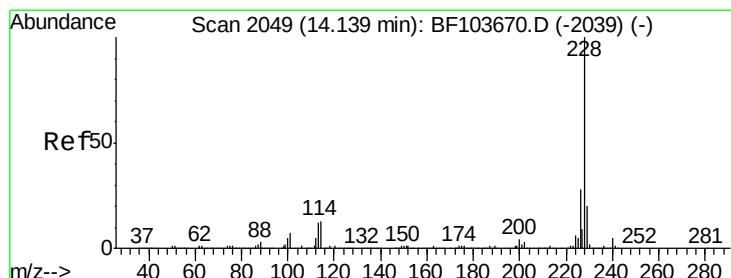
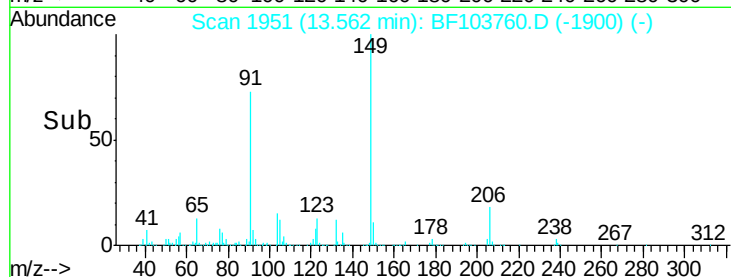
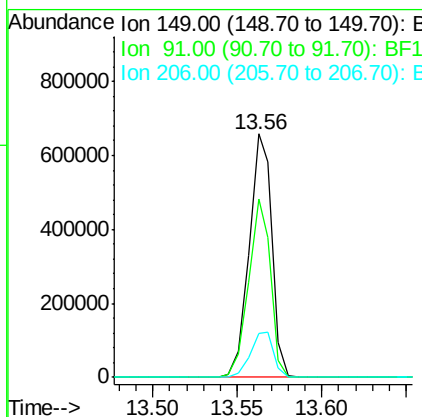
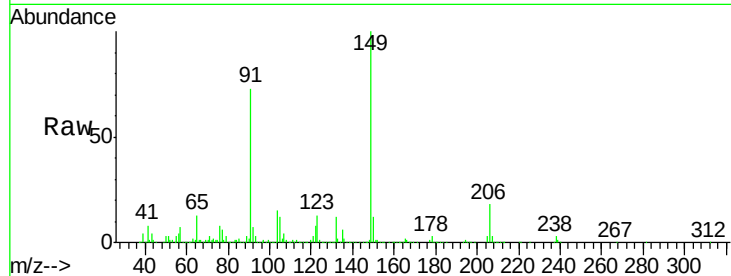
#79
Butylbenzylphthalate
Concen: 42.804 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	56.8	85.2
206	18.1	14.1	21.1

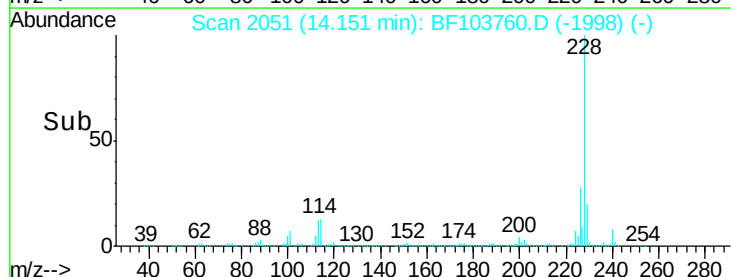
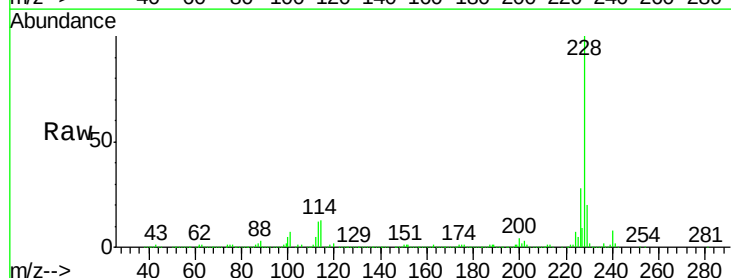
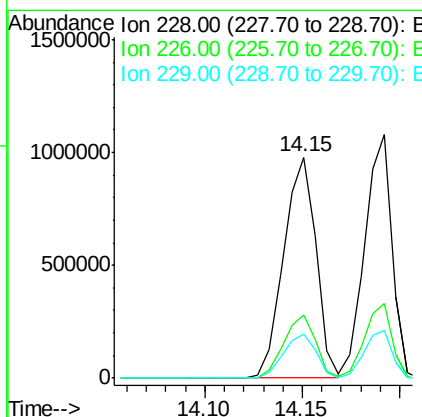
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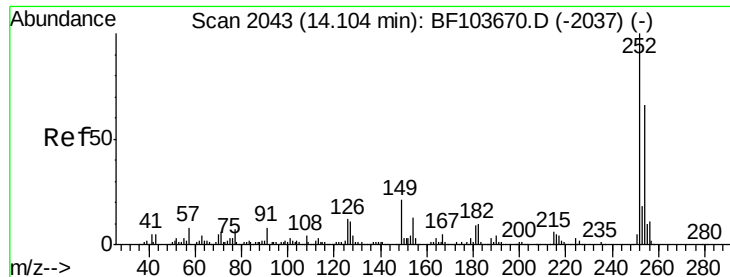
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#80
Benzo(a)anthracene
Concen: 40.163 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.8	15.8	23.6





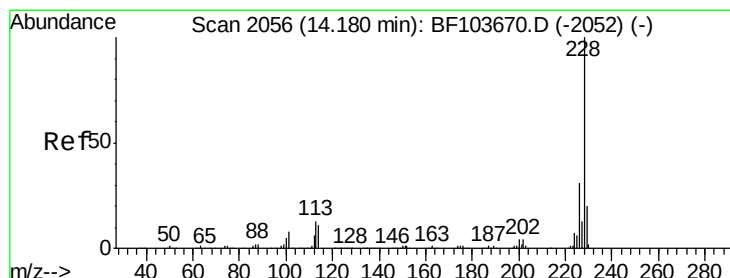
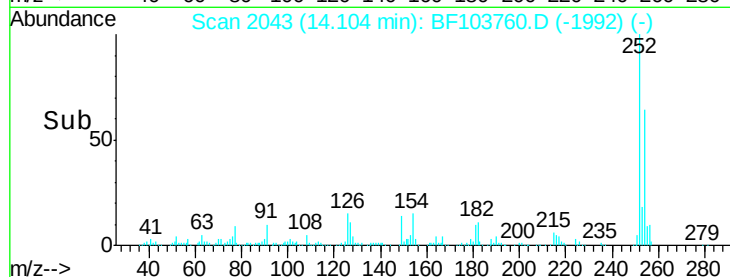
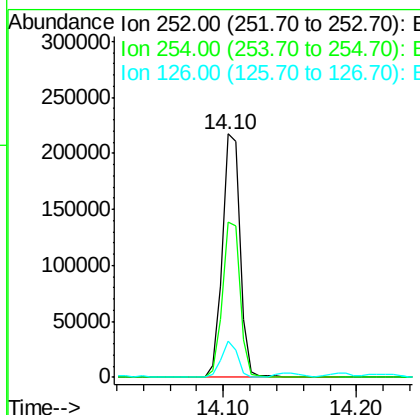
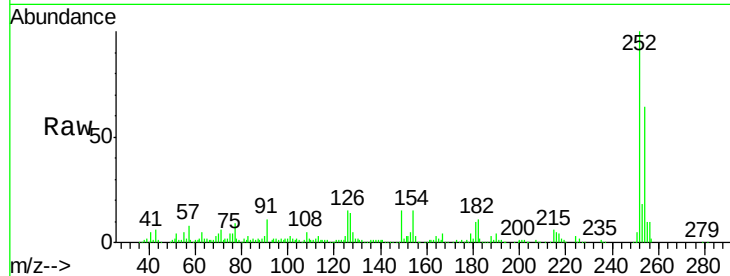
#81
 3,3'-Dichlorobenzidine
 Concen: 22.126 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB107477BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	15.1	11.3	16.9

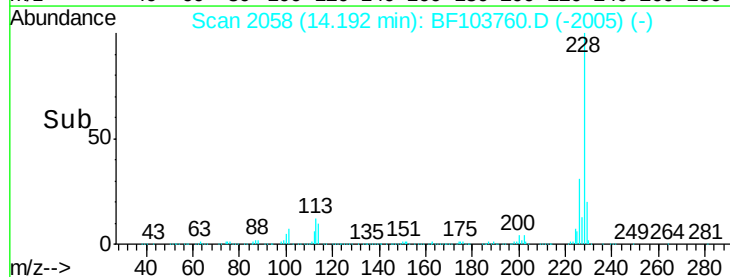
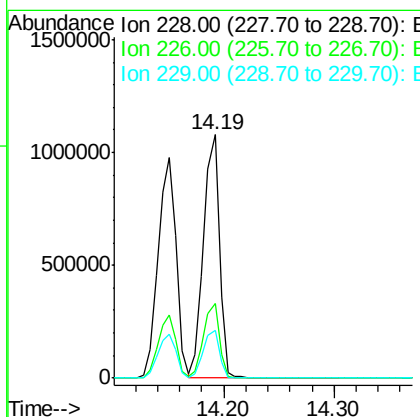
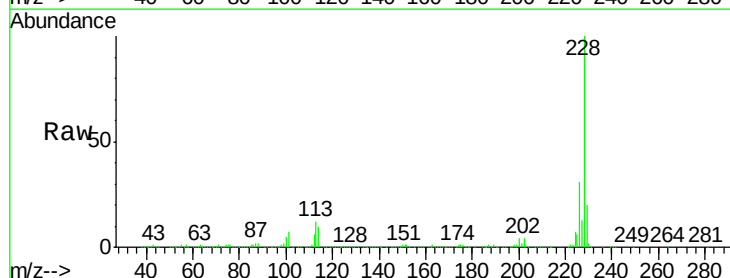
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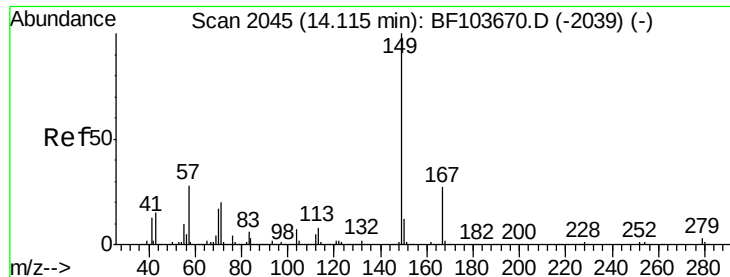
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#82
 Chrysene
 Concen: 39.373 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.8	16.2	24.4





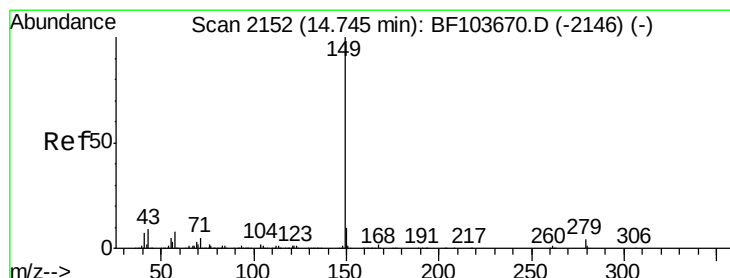
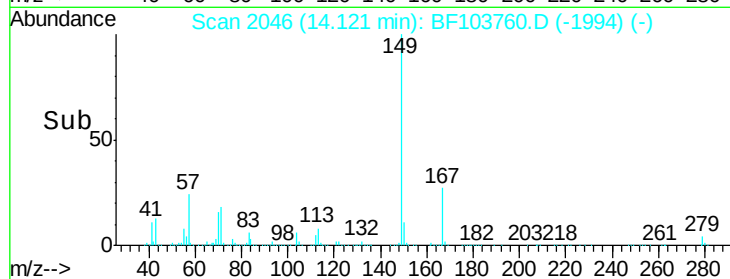
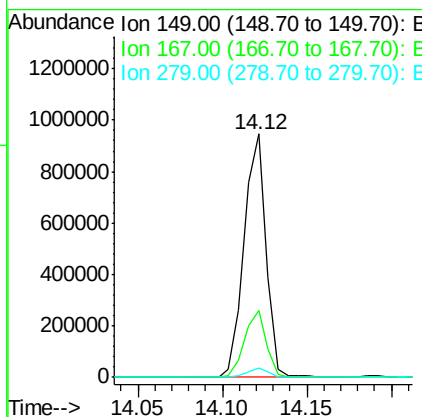
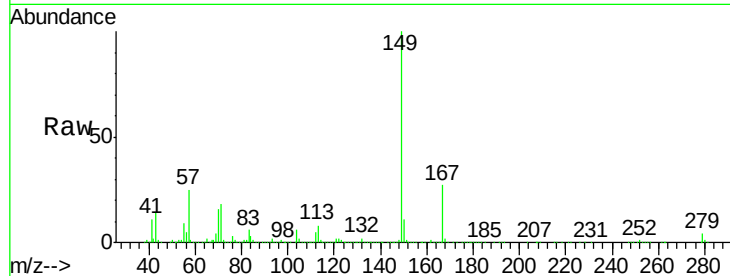
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.758 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB107477BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.8	3.0	4.4

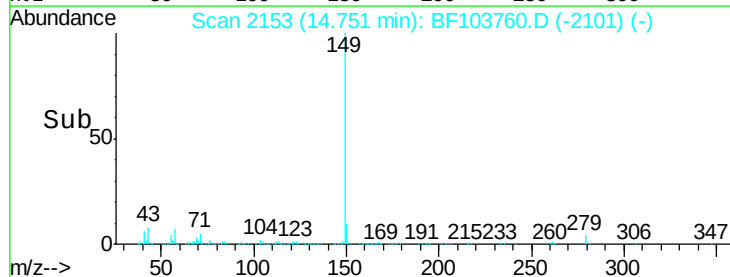
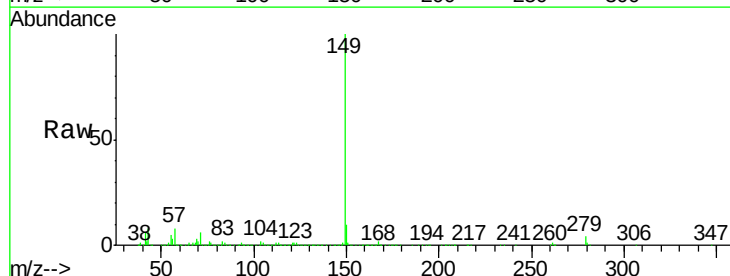
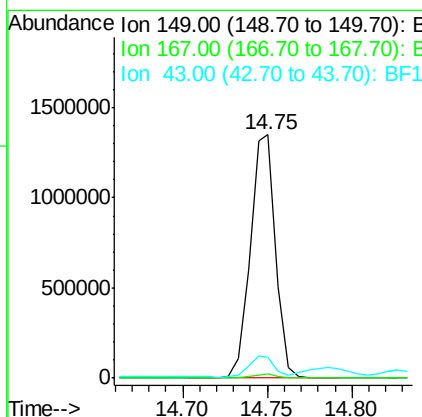
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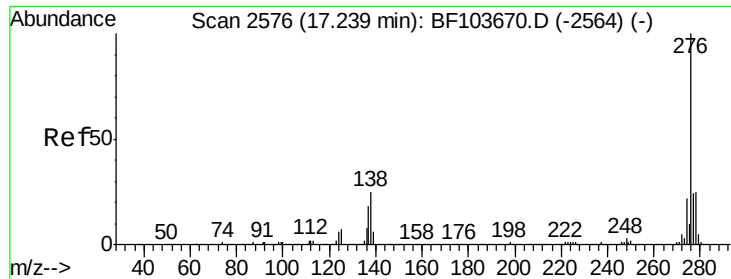
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#84
 Di-n-octyl phthalate
 Concen: 46.757 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.9	8.4	12.6





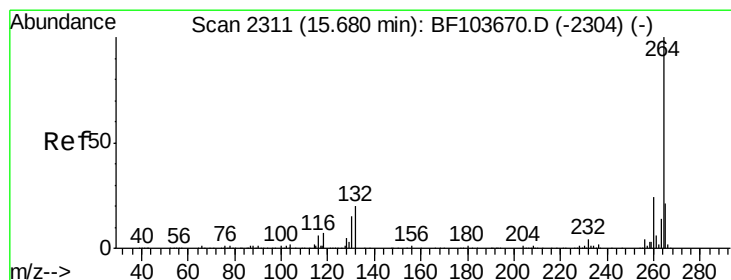
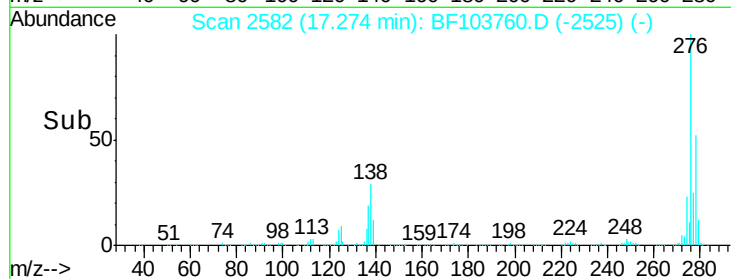
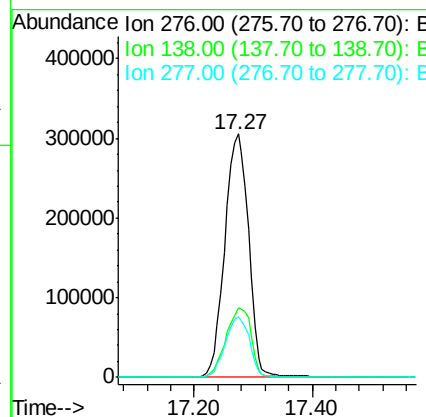
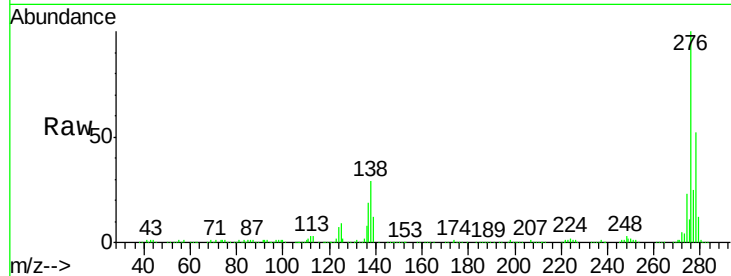
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.051 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.04 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	25.3	20.1	30.1

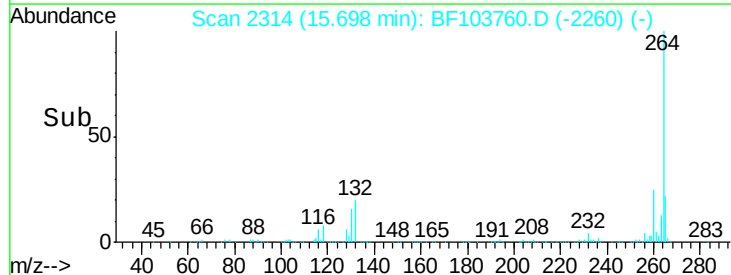
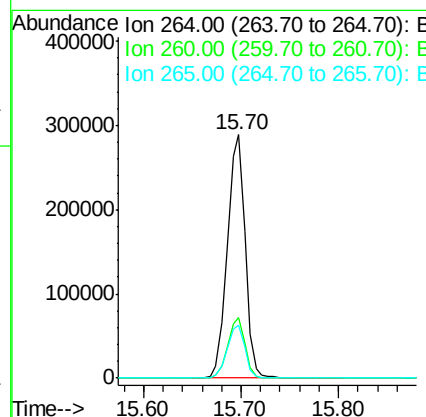
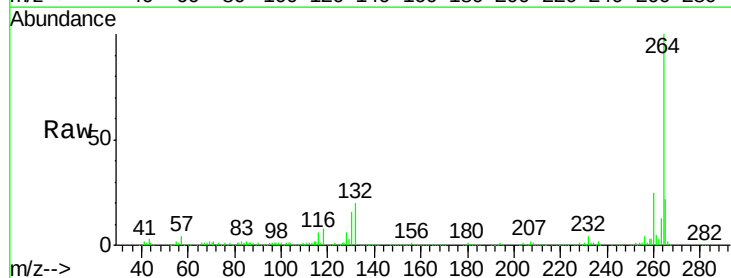
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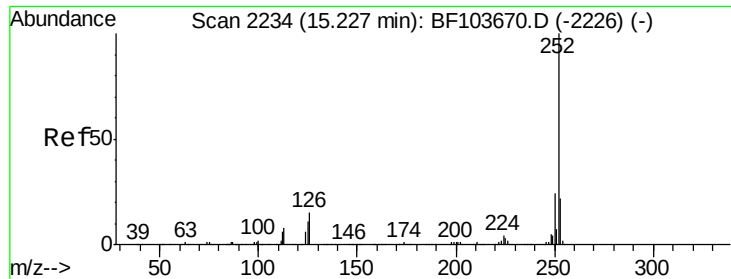
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.8	17.5	26.3





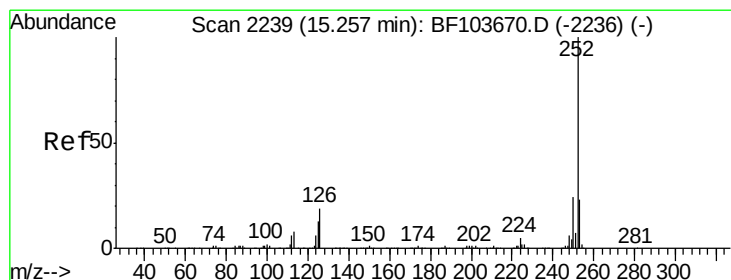
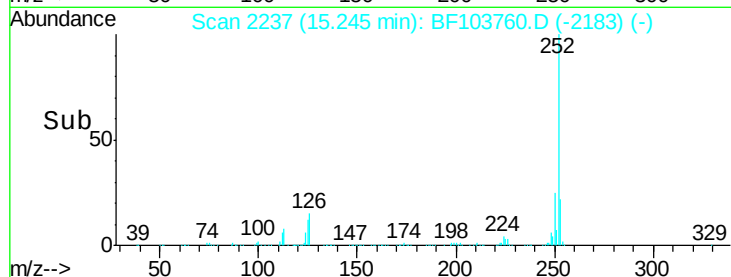
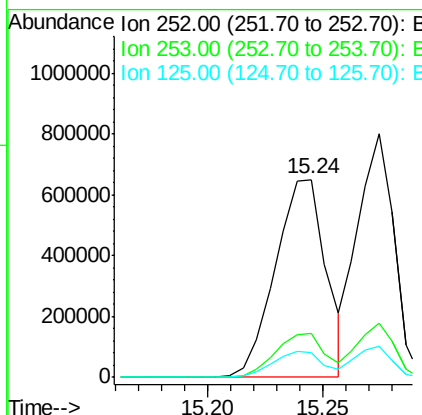
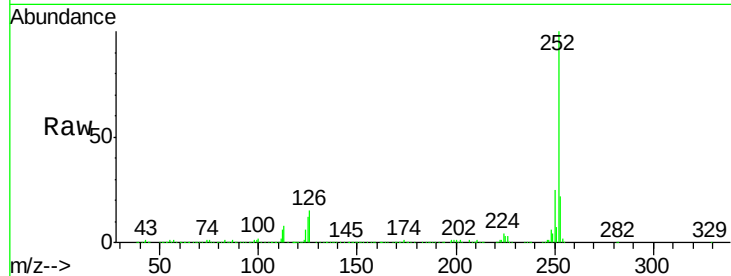
#87
Benzo(b)fluoranthene
Concen: 42.852 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampled :
PB107477BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.2	9.0	13.6

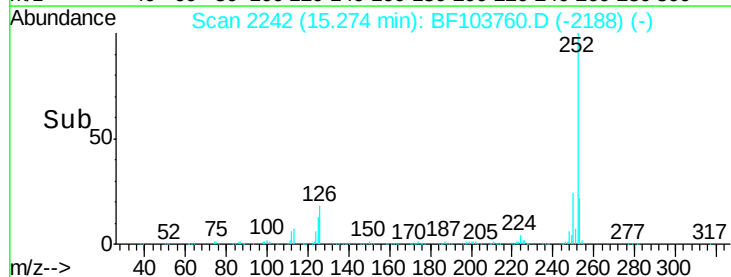
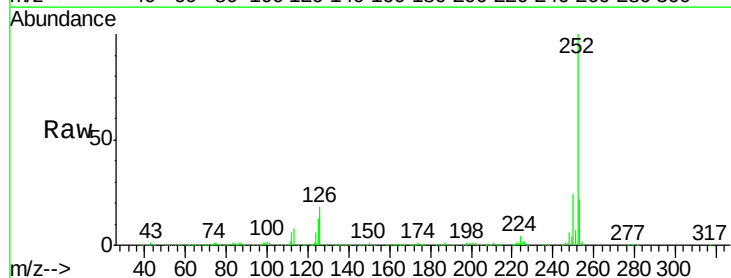
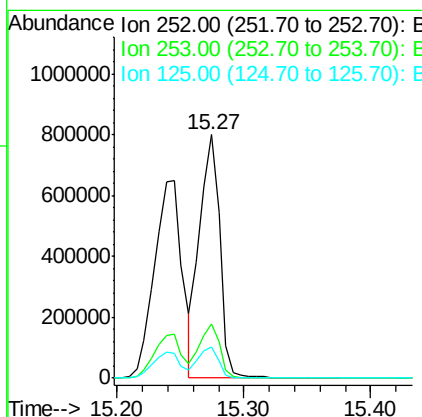
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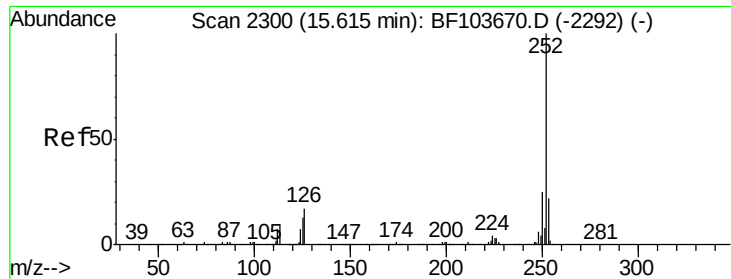
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#88
Benzo(k)fluoranthene
Concen: 39.799 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.7	10.2	15.2





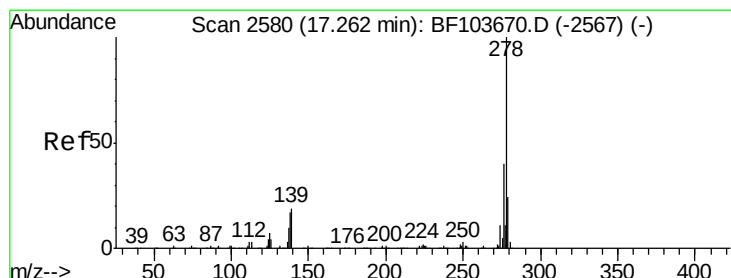
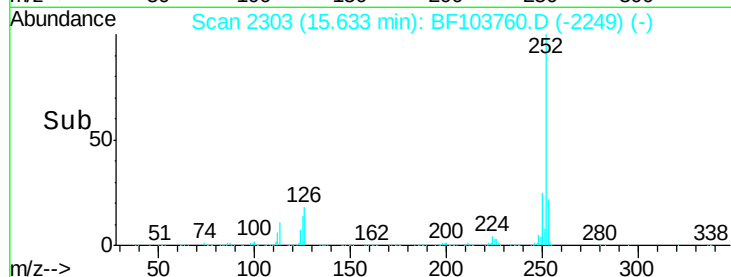
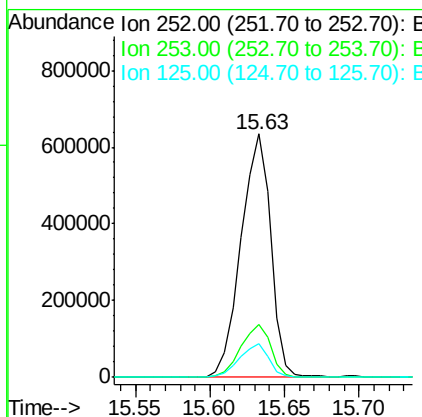
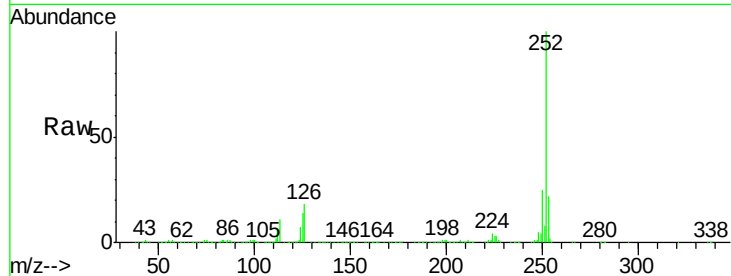
#89
Benzo(a)pyrene
Concen: 41.731 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB107477BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.7	9.8	14.6

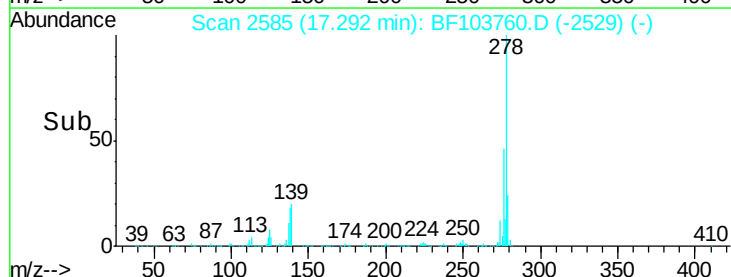
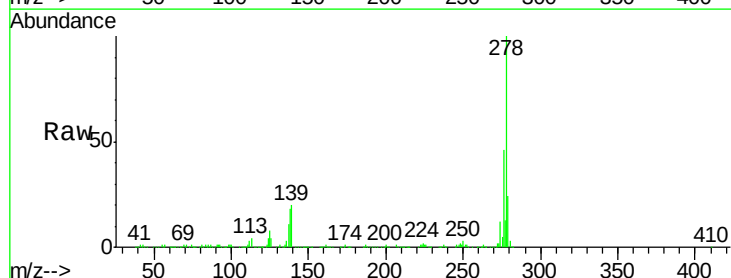
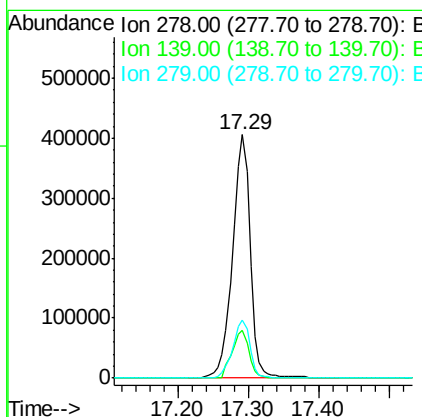
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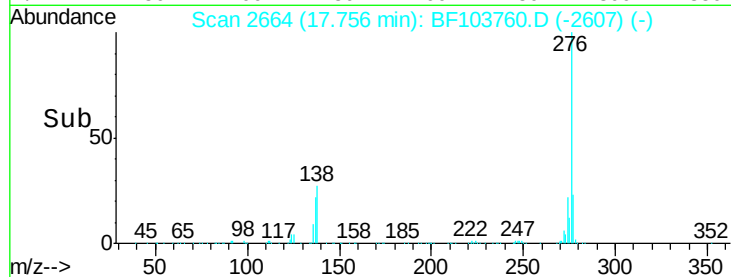
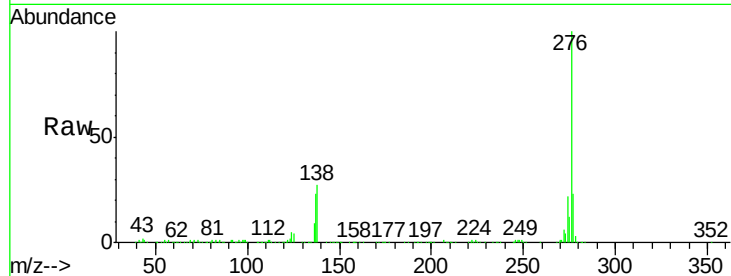
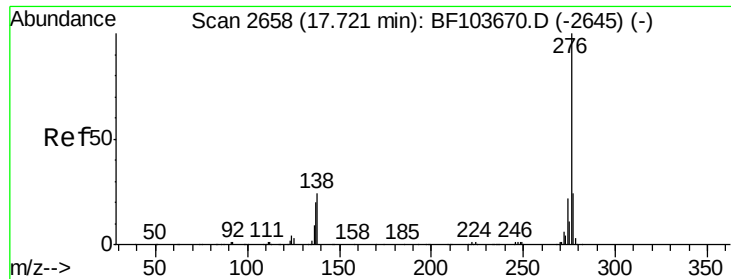
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#90
Dibenzo(a,h)anthracene
Concen: 39.020 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.9	23.9
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 41.434 ng

RT: 17.76 min Scan# 2664

Delta R.T. 0.04 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tot Ion:	276	Resp:	732786
Ion Ratio	Lower	Upper	
276	100		
277	23.5	17.9	26.9
138	26.6	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB107477BS

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