

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103673.D
 Acq On : 15 Mar 2018 17:00
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:06:13 PM

Quant Time: Mar 15 18:24:01 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 16:35:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151045	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	630570	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	286082	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	500788	20.00	ng	0.00
75) Chrysene-d12	14.16	240	355874	20.00	ng	0.00
86) Perylene-d12	15.67	264	283266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1452159	145.41	ng	0.01
7) Phenol-d6	6.60	99	1762614	144.23	ng	0.01
23) Nitrobenzene-d5	7.54	82	1519894	137.65	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	396278	163.65	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.09	244	2159212	145.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	377681	71.602	ng	94
3) Pyridine	3.60	79	1057532	75.099	ng	92
4) n-Nitrosodimethylamine	3.58	42	384222	67.654	ng	91
6) Aniline	6.65	93	1339596	75.954	ng	98
8) 2-Chlorophenol	6.76	128	769678	74.188	ng	98
9) Benzaldehyde	6.53	77	566592	73.962	ng	99
10) Phenol	6.61	94	937330	66.071	ng	100
11) bis(2-Chloroethyl)ether	6.71	93	796195	73.945	ng	97
12) 1,3-Dichlorobenzene	6.92	146	847074	71.447	ng	100
13) 1,4-Dichlorobenzene	6.99	146	846857	71.245	ng	99
14) 1,2-Dichlorobenzene	7.15	146	762898	69.604	ng	100
15) Benzyl Alcohol	7.11	79	689235	74.846	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1117175	60.421	ng	94
17) 2-Methylphenol	7.21	107	693862	73.594	ng	98
18) Hexachloroethane	7.49	117	320371	74.036	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	571858	75.189	ng	95
20) 3+4-Methylphenols	7.37	107	816887	71.077	ng	# 86
22) Acetophenone	7.39	105	1079202	73.322	ng	95
24) Nitrobenzene	7.56	77	846485	69.631	ng	95
25) Isophorone	7.80	82	1574595	72.407	ng	99
26) 2-Nitrophenol	7.87	139	359075	62.743	ng	98
27) 2,4-Dimethylphenol	7.90	122	679093	77.630	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	925237	72.365	ng	100
29) 2,4-Dichlorophenol	8.10	162	627021	74.866	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	670677	75.199	ng	98
31) Naphthalene	8.28	128	2163435	70.079	ng	99
32) Benzoic acid	8.05	122	564966m	97.841	ng	
33) 4-Chloroaniline	8.32	127	945925	71.006	ng	99
34) Hexachlorobutadiene	8.39	225	356884	76.843	ng	99
35) Caprolactam	8.72	113	237130m	80.560	ng	
36) 4-Chloro-3-methylphenol	8.80	107	669761	70.900	ng	99
37) 2-Methylnaphthalene	8.97	142	1365913	68.461	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	565855	72.352	ng	98
40) Hexachlorocyclopentadiene	9.12	237	354748	163.312	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	417590	79.352	nq	99
43) 2,4,5-Trichlorophenol	9.27	196	465410	76.894	nq	98
45) 1,1'-Biphenyl	9.43	154	1629400	67.970	nq	99
46) 2-Chloronaphthalene	9.46	162	1334907	70.387	nq	99
47) 2-Nitroaniline	9.55	65	423052m	60.220	nq	
48) Acenaphthylene	9.88	152	2033893	69.701	nq	98
49) Dimethylphthalate	9.74	163	1585820	69.099	nq	100
50) 2,6-Dinitrotoluene	9.80	165	342897	71.198	nq	96
51) Acenaphthene	10.05	154	1224661	71.974	nq	99
52) 3-Nitroaniline	9.97	138	415189	67.949	nq	94
53) 2,4-Dinitrophenol	10.07	184	103711	77.523	nq	# 23
54) Dibenzofuran	10.22	168	1743764	74.655	nq	97
55) 4-Nitrophenol	10.12	139	317240	83.770	nq	97
56) 2,4-Dinitrotoluene	10.20	165	451985	74.204	nq	# 95
57) Fluorene	10.57	166	1271921	63.924	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	336837	82.843	nq	98
59) Diethylphthalate	10.43	149	1533067	69.844	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	587854	69.669	nq	100
61) 4-Nitroaniline	10.59	138	398648	65.319	nq	96
62) Azobenzene	10.72	77	1535135	68.710	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	189226	67.577	nq	94
65) n-Nitrosodiphenylamine	10.67	169	1230041	70.543	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	374882	71.862	nq	94
67) Hexachlorobenzene	11.11	284	423713	74.832	nq	95
68) Atrazine	11.20	200	392411	74.874	nq	99
69) Pentachlorophenol	11.30	266	283324	103.487	nq	98
70) Phenanthrene	11.53	178	1863303	67.609	nq	99
71) Anthracene	11.59	178	1901946	67.299	nq	99
72) Carbazole	11.73	167	1896706	67.395	nq	98
73) Di-n-butylphthalate	12.06	149	2250866	63.917	nq	99
74) Fluoranthene	12.72	202	1924902	69.504	nq	99
76) Benzdine	12.85	184	1151383	86.541	nq	# 93
77) Pyrene	12.96	202	1973300	71.120	nq	99
79) Butylbenzylphthalate	13.56	149	946554	64.570	nq	96
80) Benzo(a)anthracene	14.14	228	1664710	72.095	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	537933	65.279	nq	98
82) Chrysene	14.19	228	1528338	68.168	nq	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	1251261	63.251	nq	100
84) Di-n-octyl phthalate	14.74	149	1944029	60.823	nq	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	1334949	75.210	nq	98
87) Benzo(b)fluoranthene	15.23	252	1482395	79.594	nq	97
88) Benzo(k)fluoranthene	15.26	252	1255255	71.574	nq	100
89) Benzo(a)pyrene	15.62	252	1272483	76.509	nq	98
90) Dibenzo(a,h)anthracene	17.27	278	1093084	85.055	nq	98
91) Benzo(g,h,i)perylene	17.73	276	1092537	86.983	nq	98

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

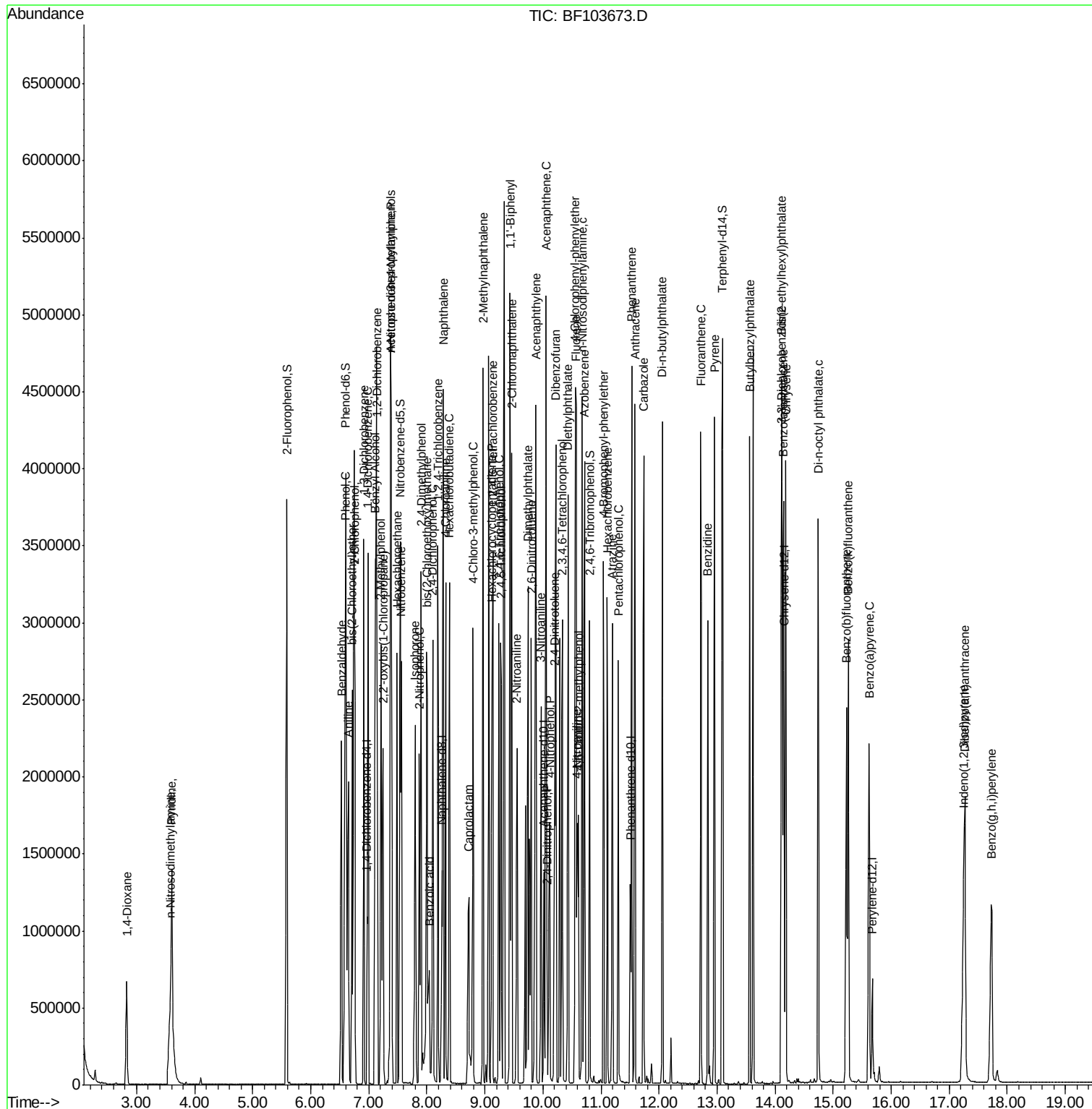
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Operator  : JU/SJ
Sample    : SSTDICC080
Misc      :
ALS Vial  : 8      Sample Multiplier: 1
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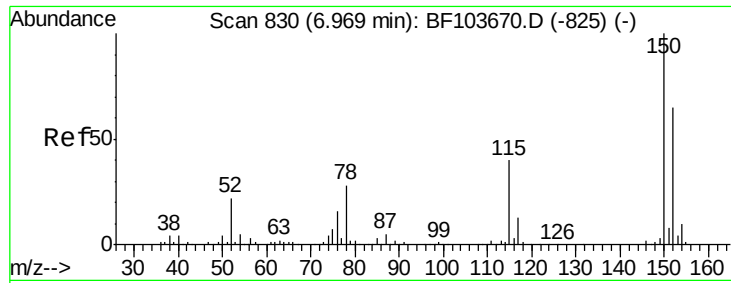
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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#1

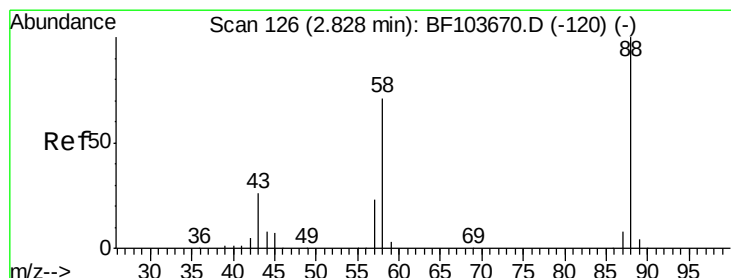
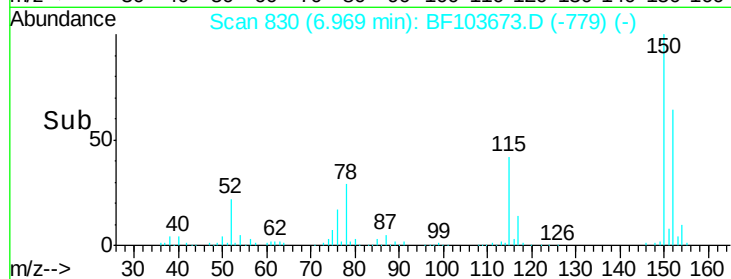
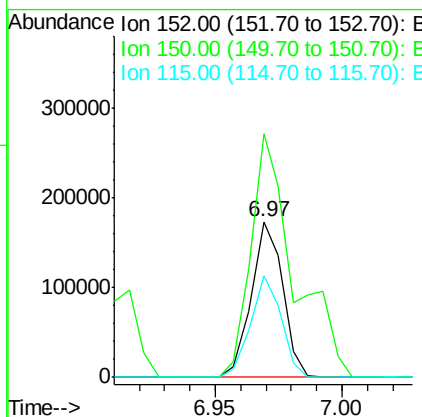
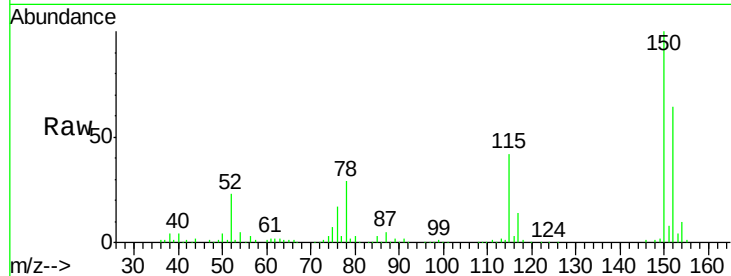
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	65.3	50.1	75.1

Manual Integrations
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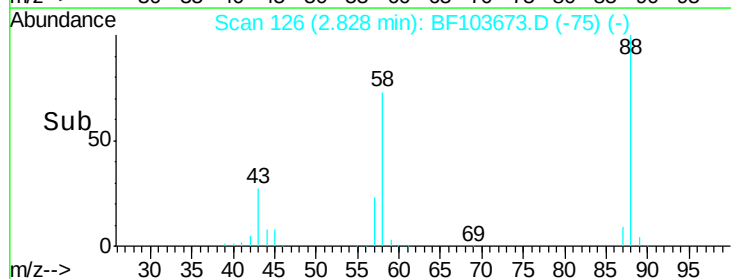
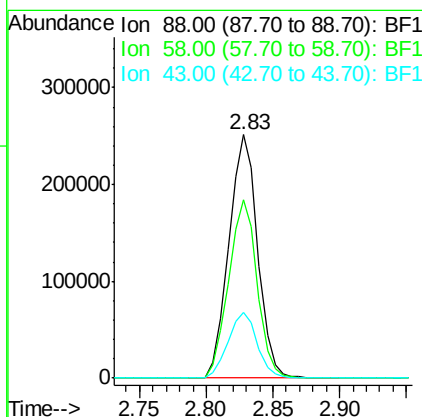
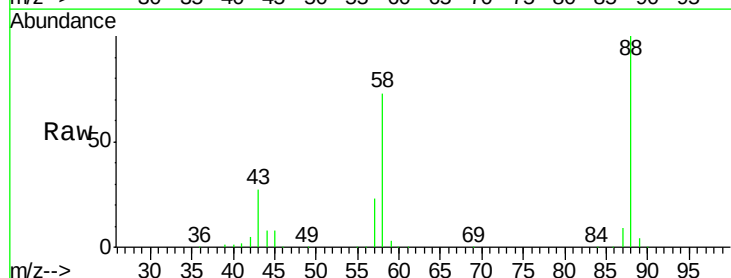
Sohil
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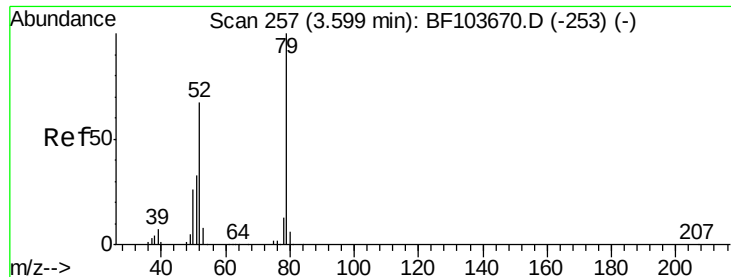


#2

1,4-Dioxane
Concen: 71.602 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	62.6	93.8
43	27.4	24.6	37.0





#3

Pvridine

Concen: 75.099 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1057532

Ion Ratio Lower Upper

79 100

52 67.5 59.8 89.6

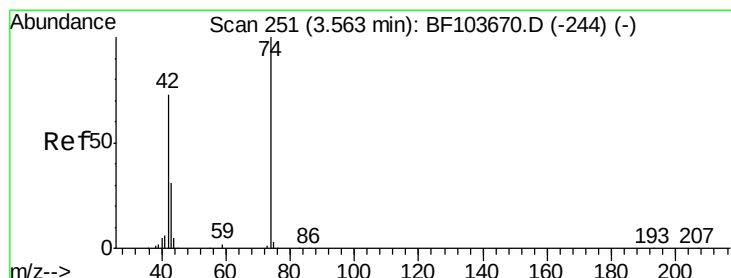
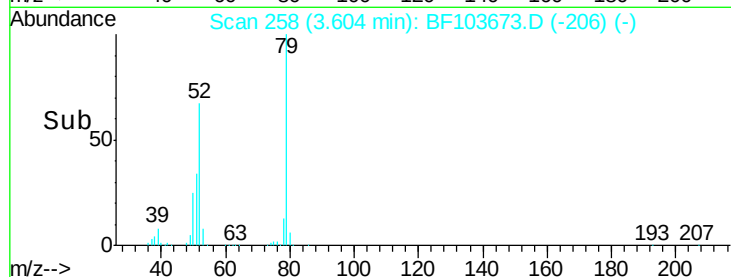
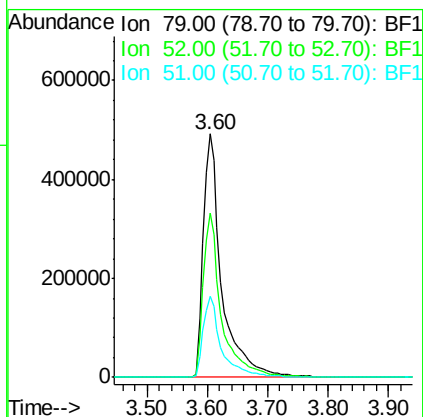
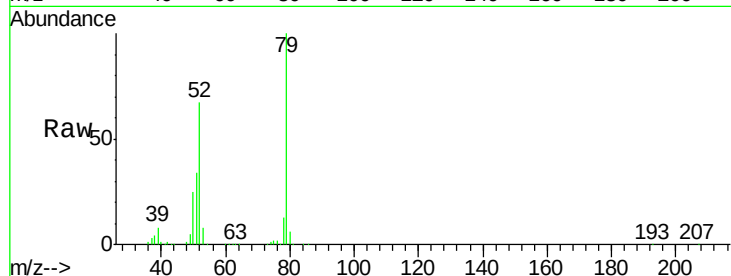
51 33.5 29.8 44.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 67.654 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.02 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

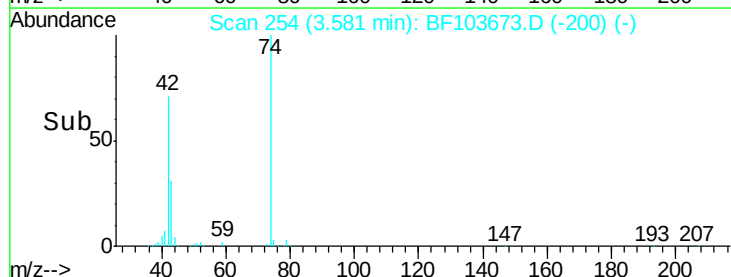
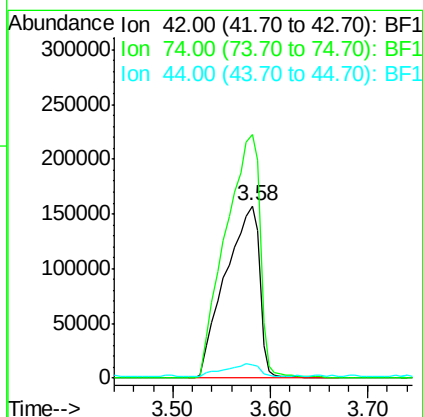
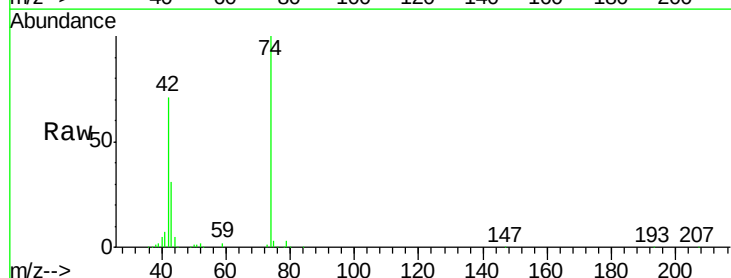
Tgt Ion: 42 Resp: 384222

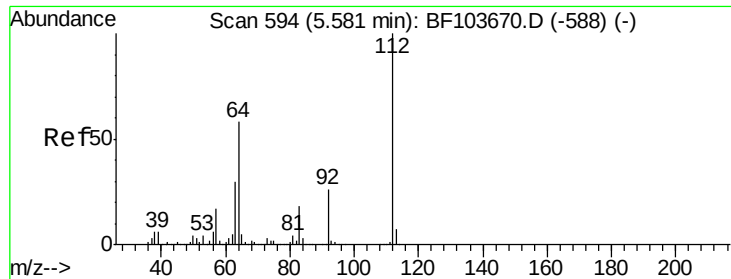
Ion Ratio Lower Upper

42 100

74 141.6 104.9 157.3

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 145.406 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 1452159

Ion Ratio Lower Upper

112 100

64 54.2 47.9 71.9

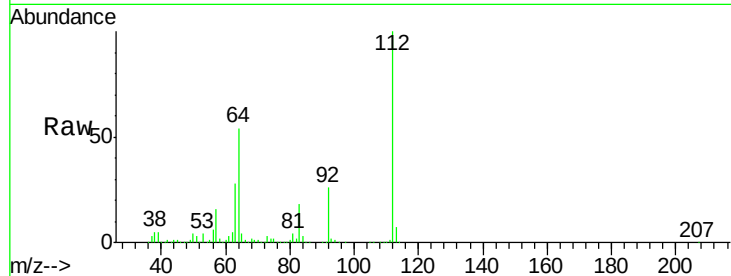
63 28.0 23.7 35.5

Manual Integrations

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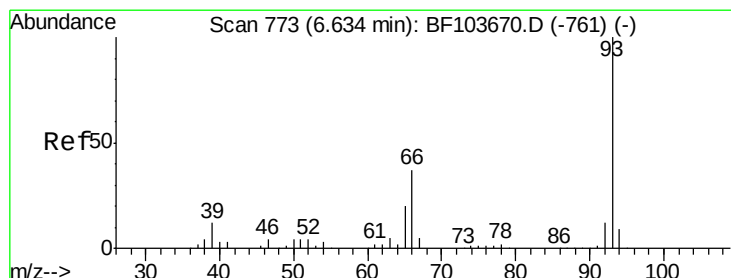
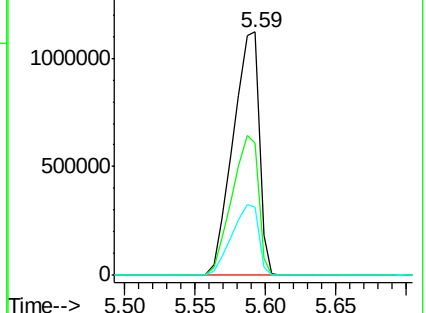
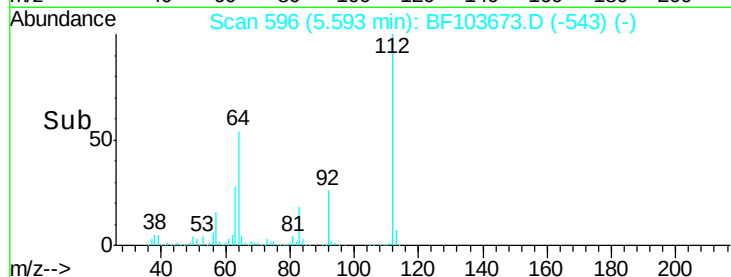
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 75.954 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

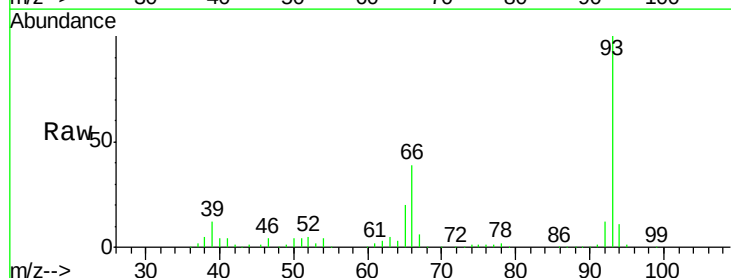
Tgt Ion: 93 Resp: 1339596

Ion Ratio Lower Upper

93 100

66 38.7 32.2 48.2

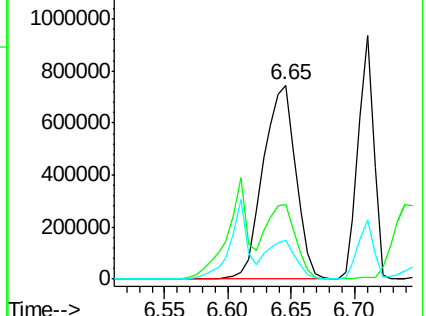
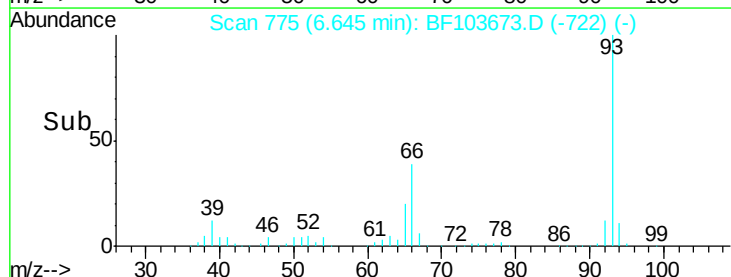
65 20.1 16.4 24.6

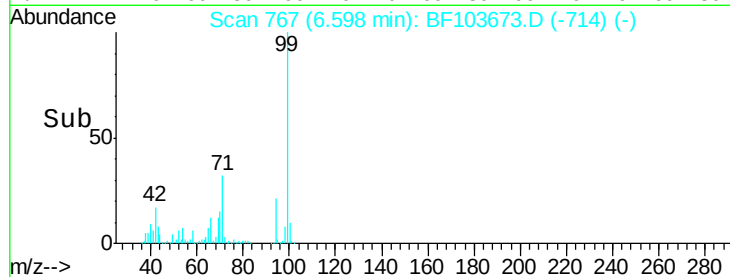
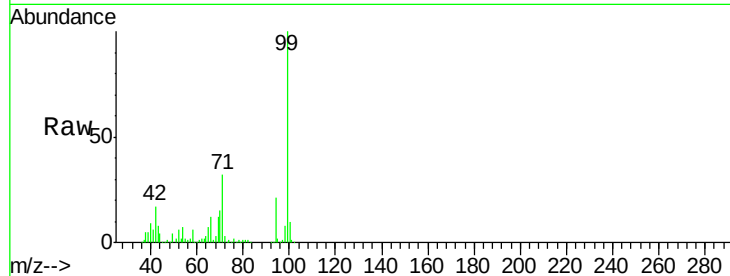
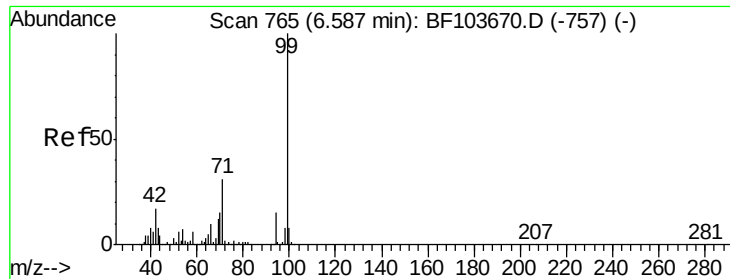


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 144.234 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tot Ion:	99	Resp:	1762614
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.5	21.7
71	31.6	25.4	38.0

Instrument :

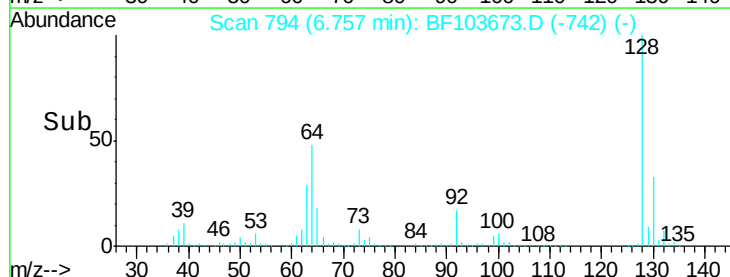
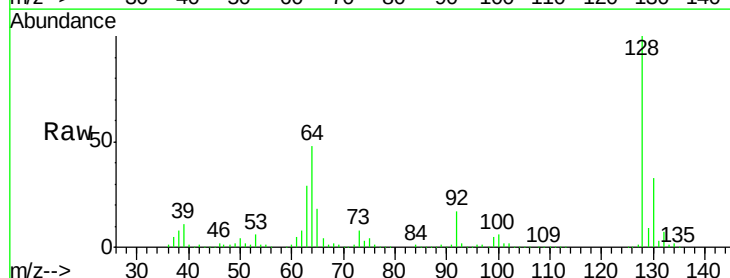
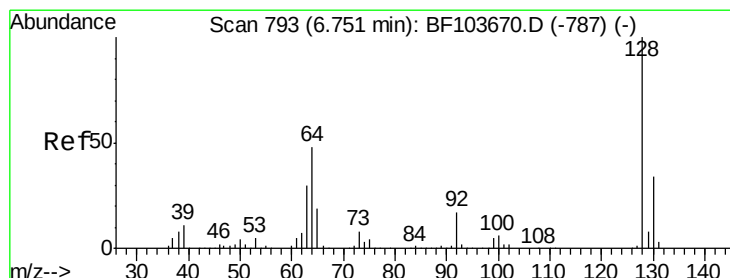
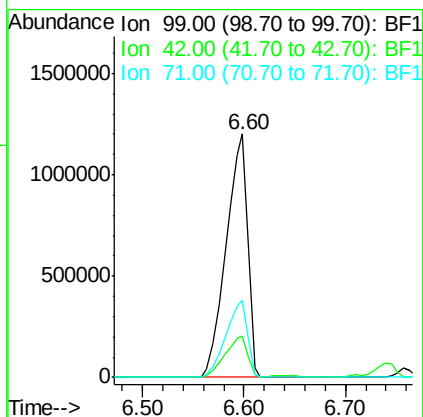
BNA_F

ClientSampleId :

SSTDIC080

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#8

2-Chlorophenol

Concen: 74.188 ng

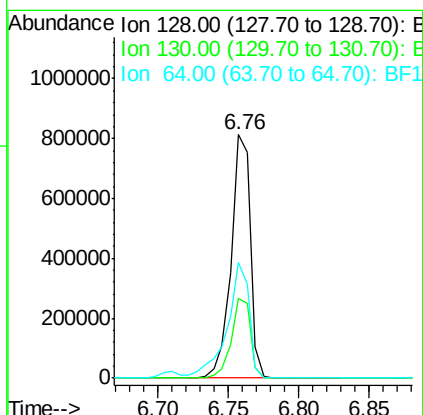
RT: 6.76 min Scan# 794

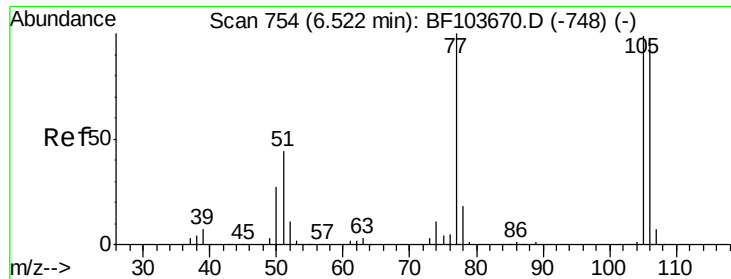
Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:	128	Resp:	769678
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	47.7	29.4	69.4





#9

Benzaldehyde

Concen: 73.962 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

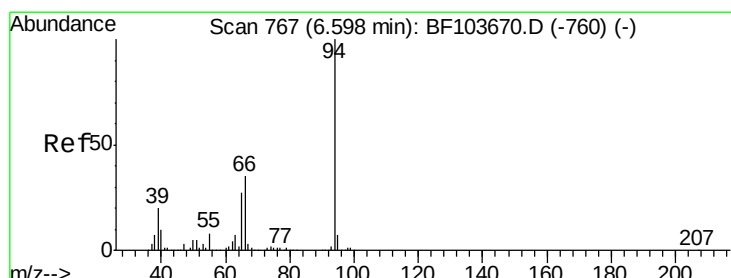
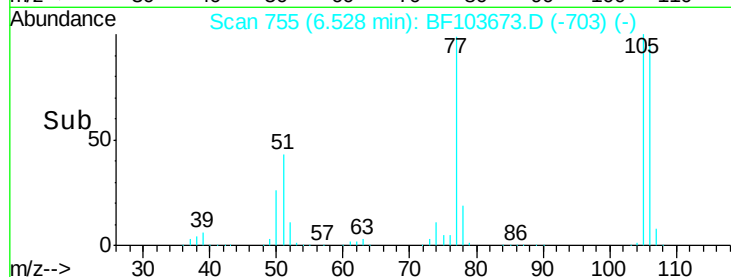
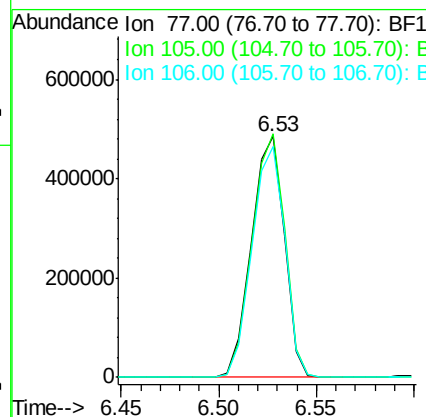
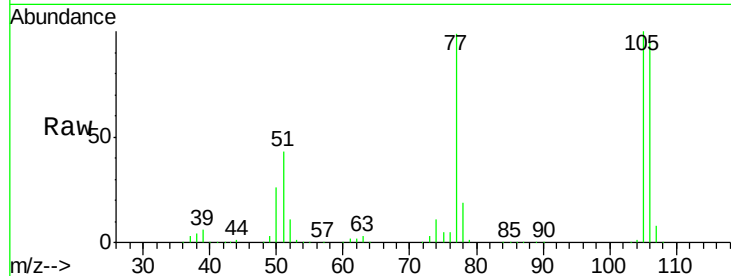
ClientSampleId :

SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.0	81.1	121.1		
106	95.7	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 66.071 ng

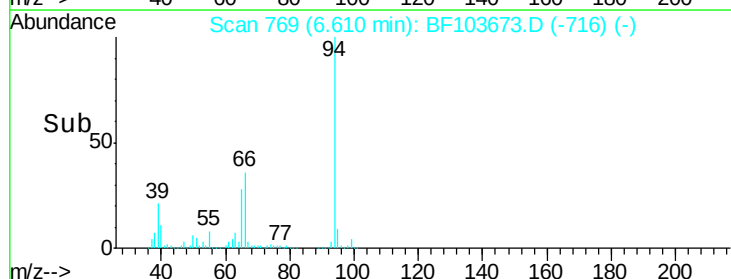
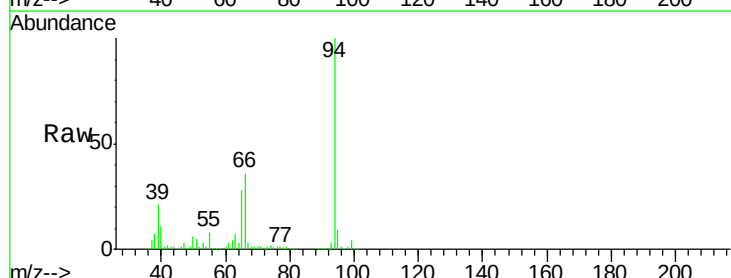
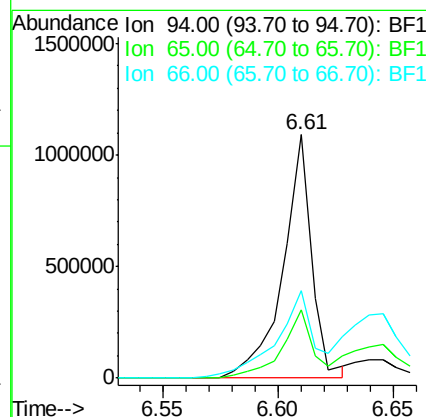
RT: 6.61 min Scan# 769

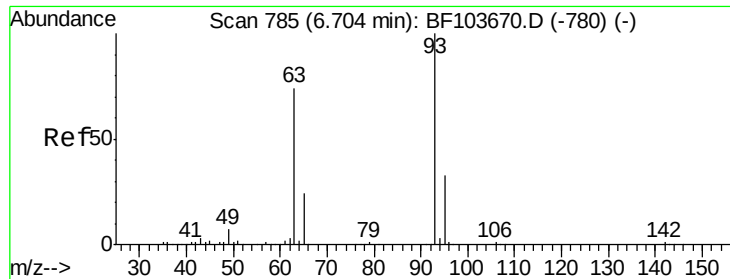
Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.9	7.9	47.9		
66	35.8	16.2	56.2		





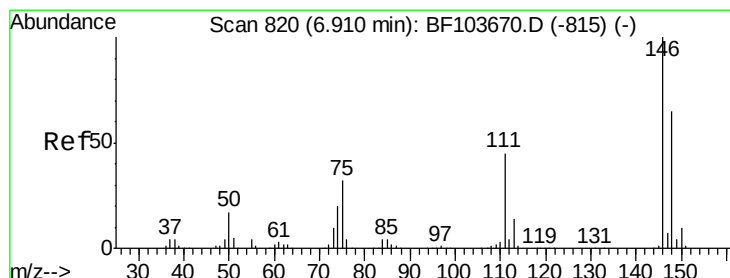
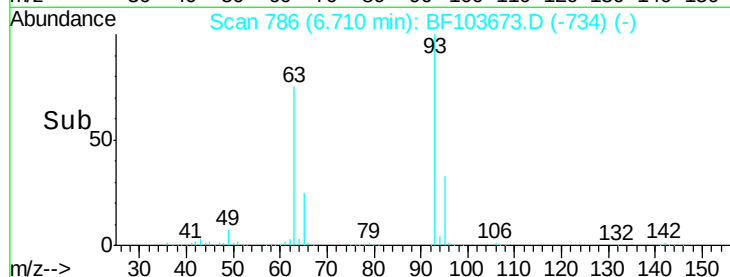
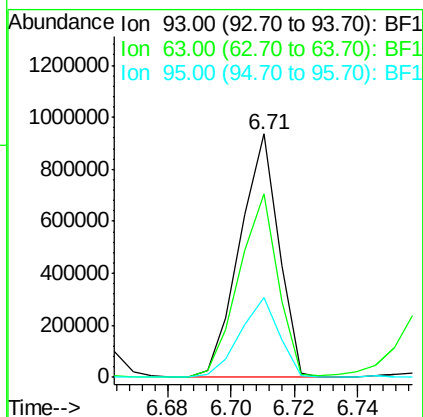
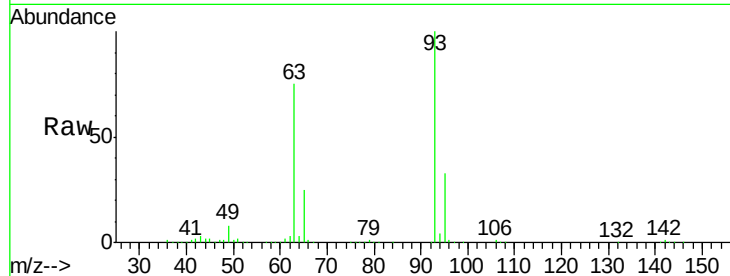
#11
bis(2-Chloroethyl)ether
Concen: 73.945 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	58.6	98.6
95	33.0	11.8	51.8

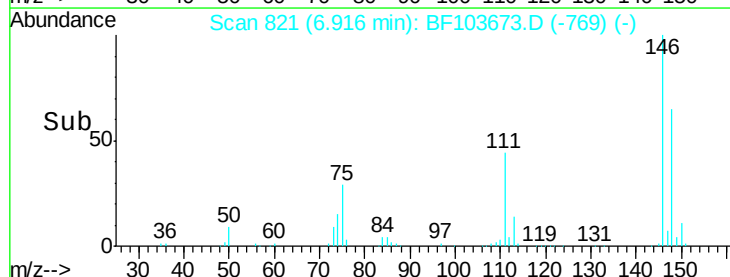
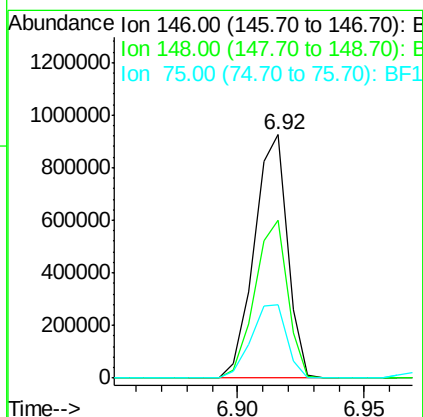
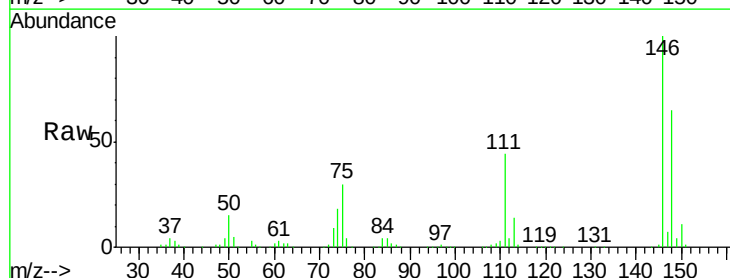
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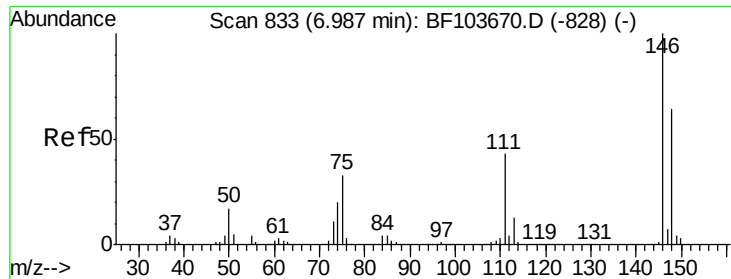
Sohil
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#12
1,3-Dichlorobenzene
Concen: 71.447 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	30.2	24.2	36.4





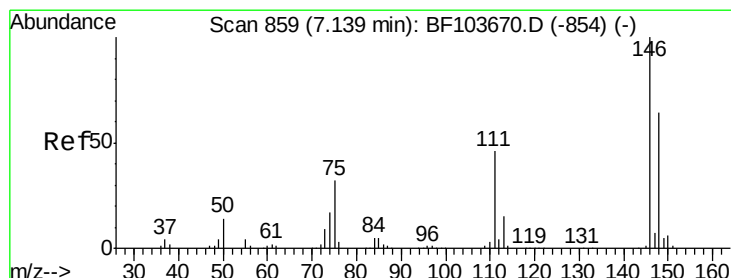
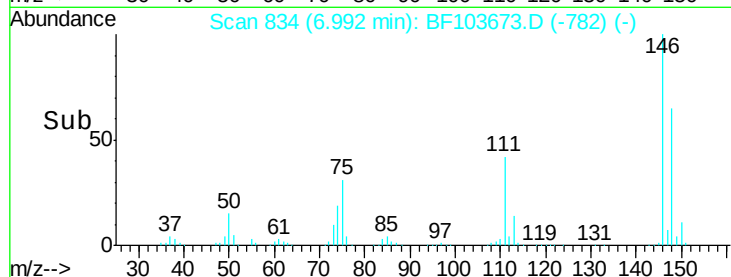
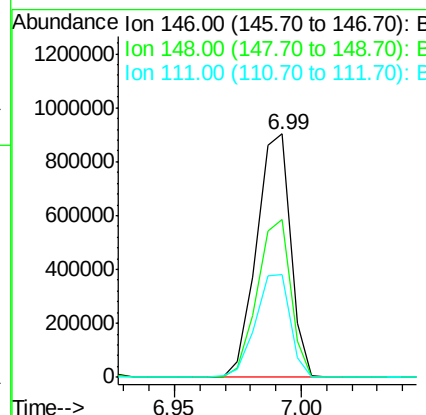
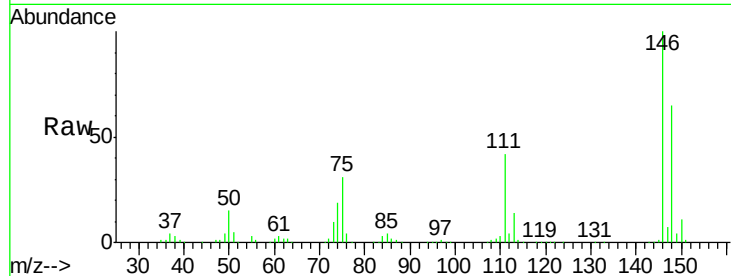
#13
 1,4-Dichlorobenzene
 Concen: 71.245 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	42.1	34.2	51.2

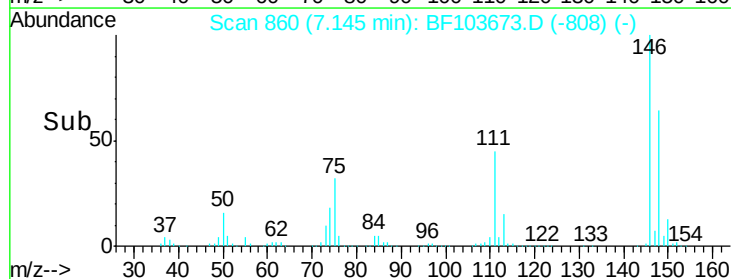
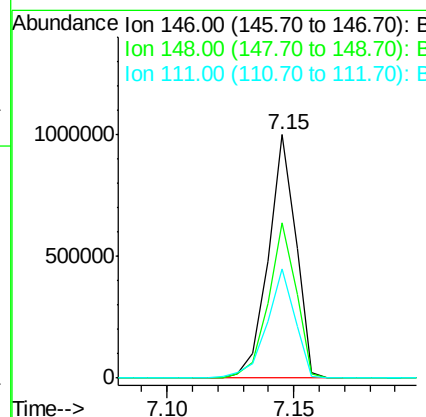
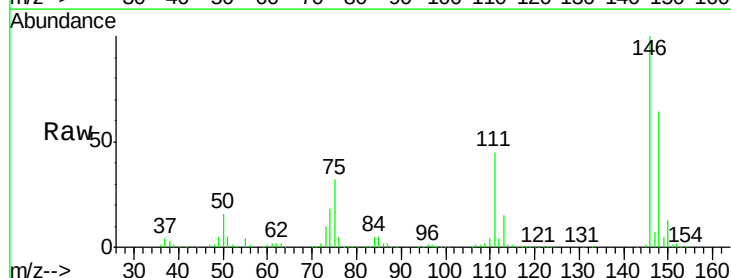
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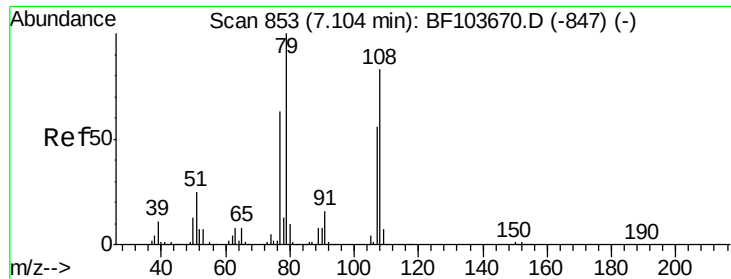
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#14
 1,2-Dichlorobenzene
 Concen: 69.604 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	44.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 74.846 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

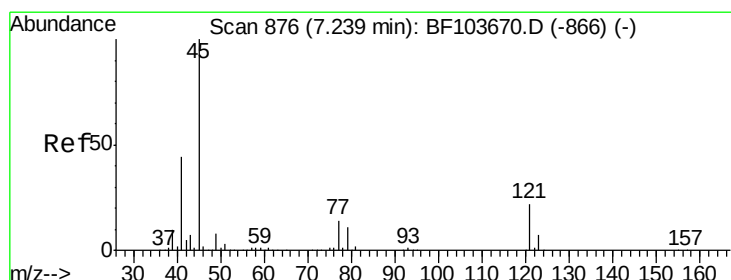
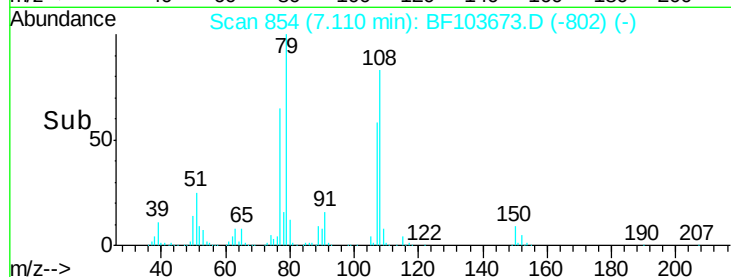
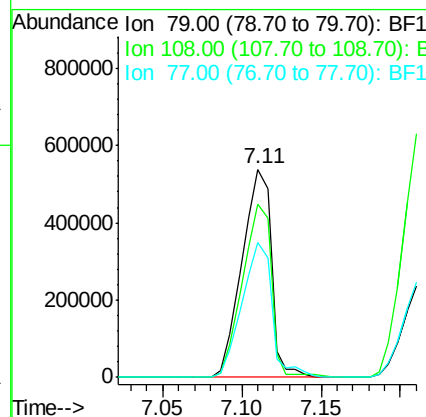
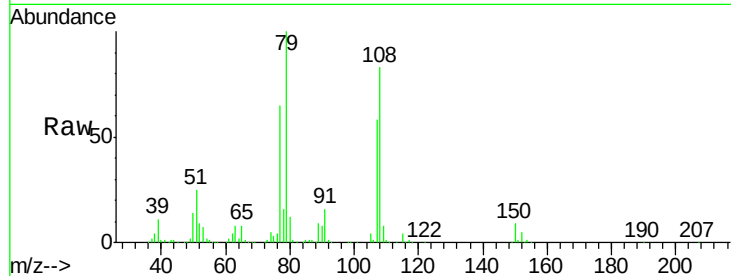
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	689235
Ion	Ratio	Lower	Upper
79	100		
108	83.1	65.1	97.7
77	65.0	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 60.421 ng

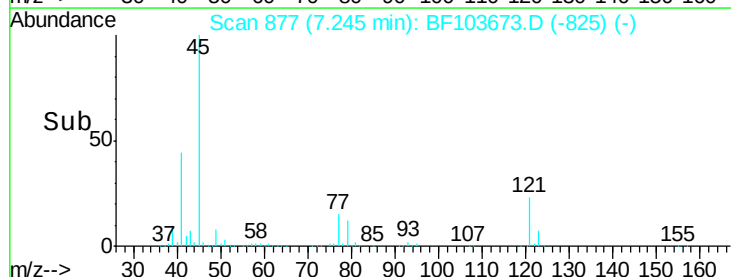
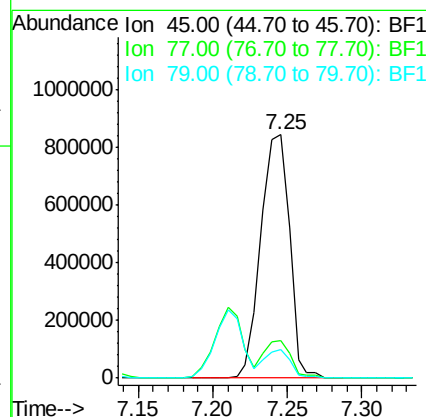
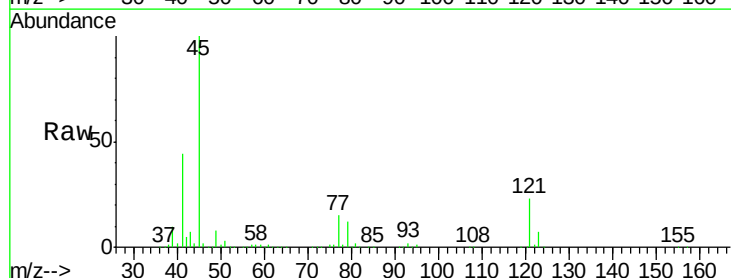
RT: 7.25 min Scan# 877

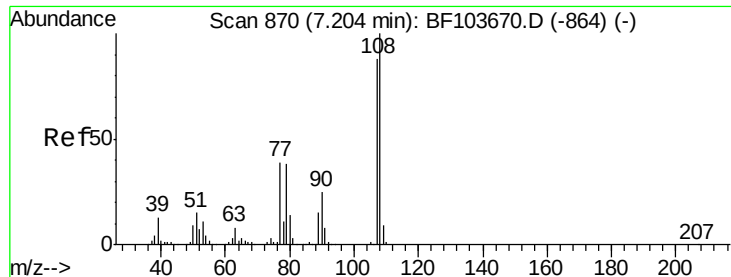
Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:	45	Resp:	1117175
Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	32.9
79	11.7	0.0	29.6





#17

2-Methylphenol

Concen: 73.594 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

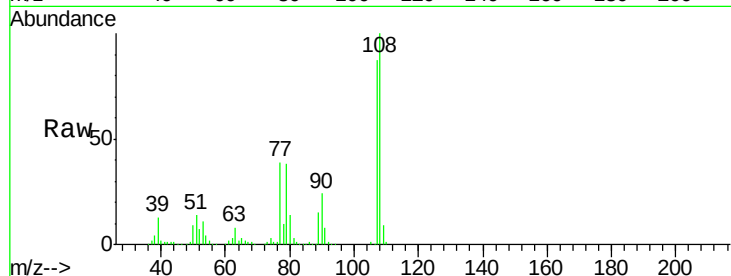
ClientSampleId :

SSTDIC080

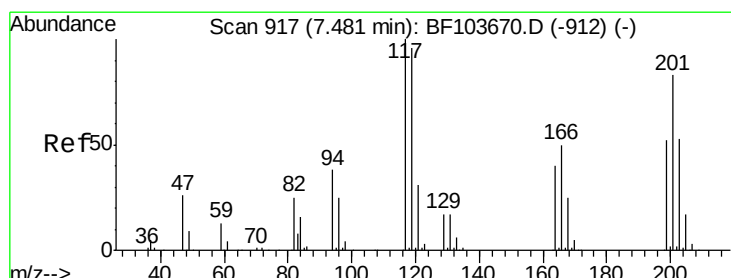
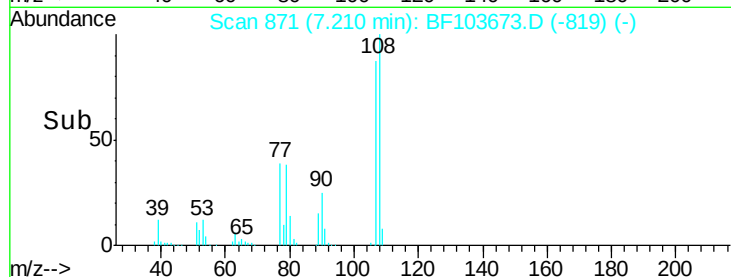
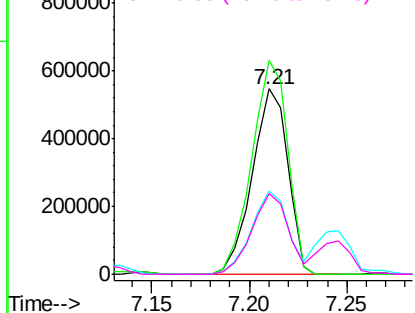
Tot Ion:	107	Resp:	693862
Ion Ratio	Lower	Upper	
107	100		
108	115.3	91.7	137.5
77	45.2	33.8	50.8
79	43.3	33.8	50.8

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 74.036 ng

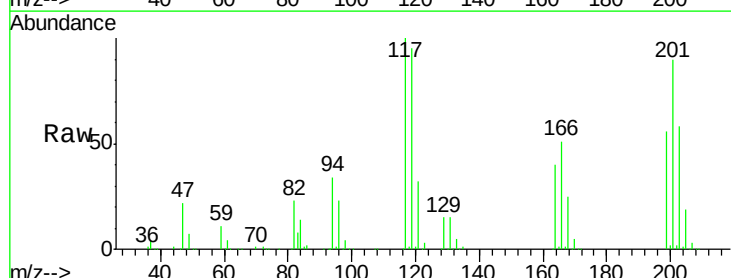
RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

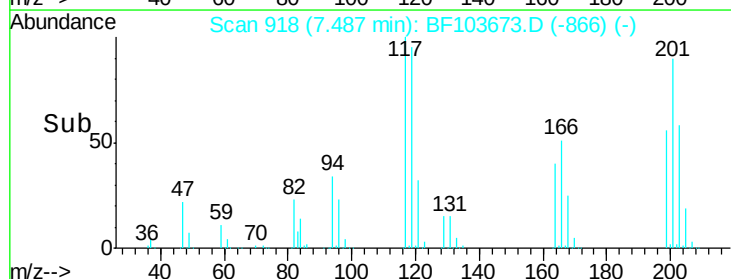
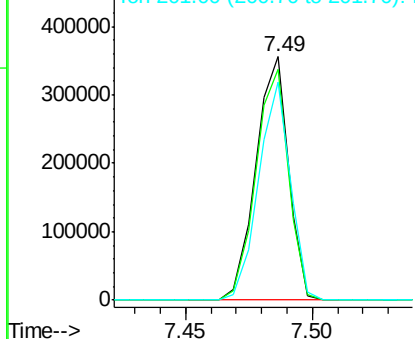
Lab File: BF103673.D

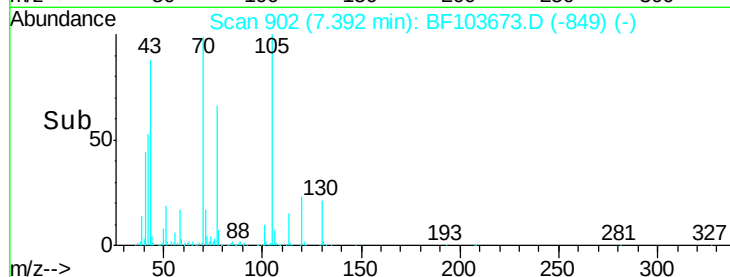
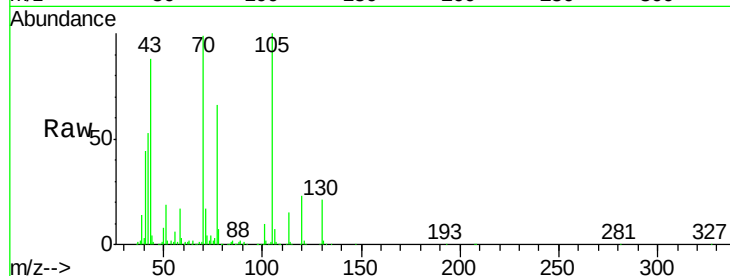
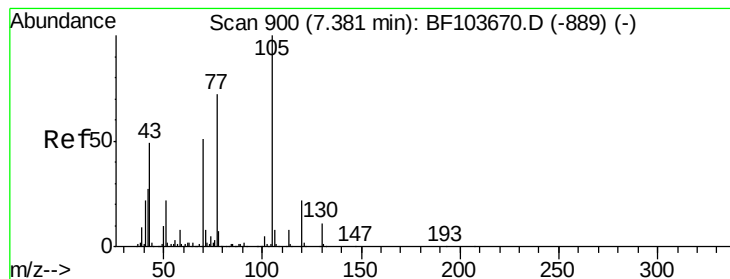
Acq: 15 Mar 2018 17:00

Tgt Ion:	117	Resp:	320371
Ion Ratio	Lower	Upper	
117	100		
119	94.6	75.8	113.8
201	89.6	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 75.189 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 70 Resp: 571858

Ion Ratio Lower Upper

70 100

42 53.5 47.5 71.3

101 9.7 7.4 11.2

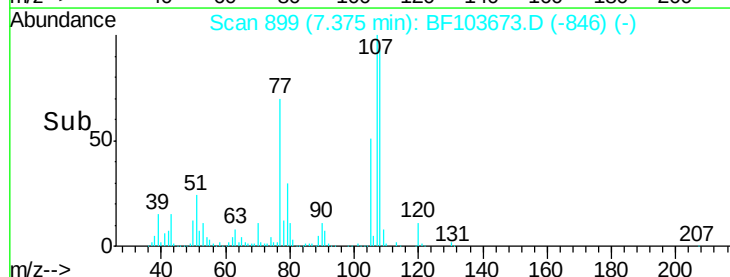
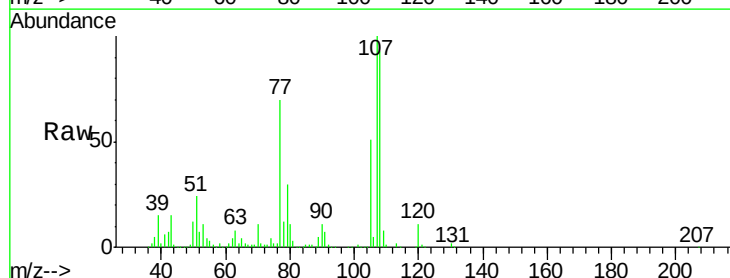
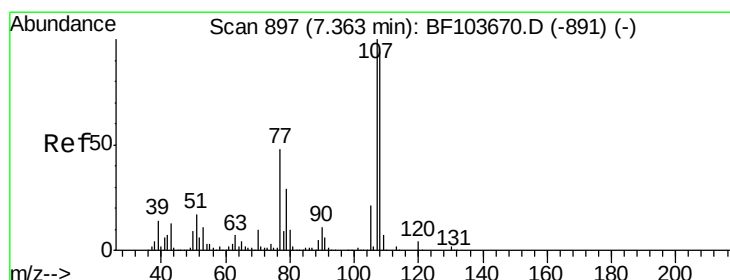
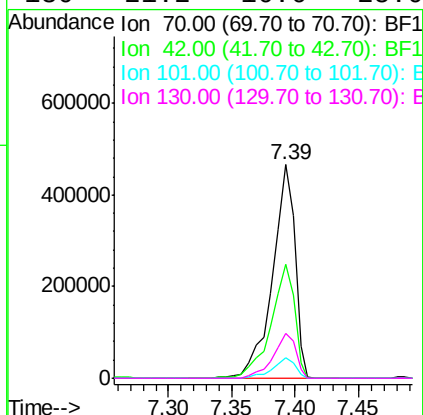
130 21.2 16.6 25.0

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#20

3+4-Methylphenols

Concen: 71.077 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion: 107 Resp: 816887

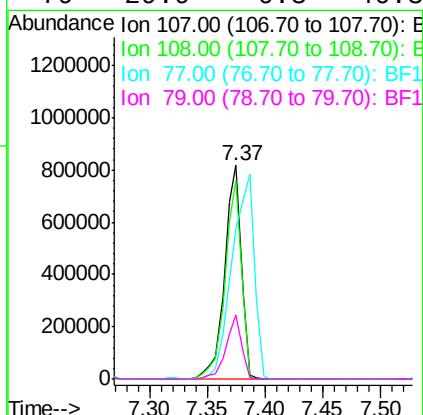
Ion Ratio Lower Upper

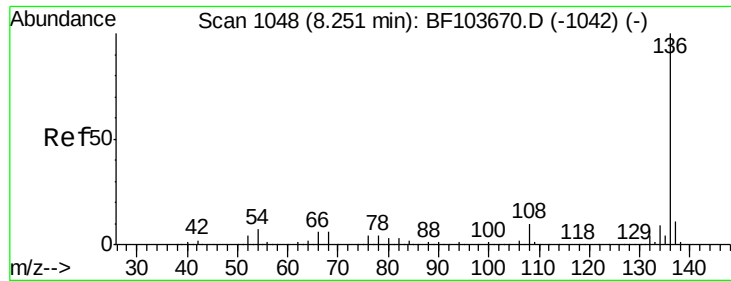
107 100

108 93.0 68.2 108.2

77 70.2 26.7 66.7#

79 29.9 6.3 46.3





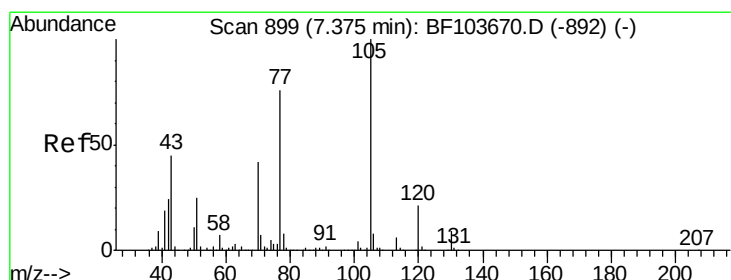
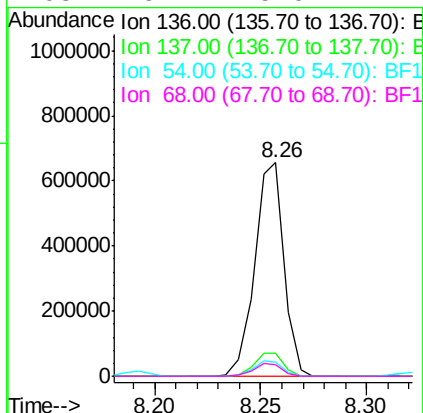
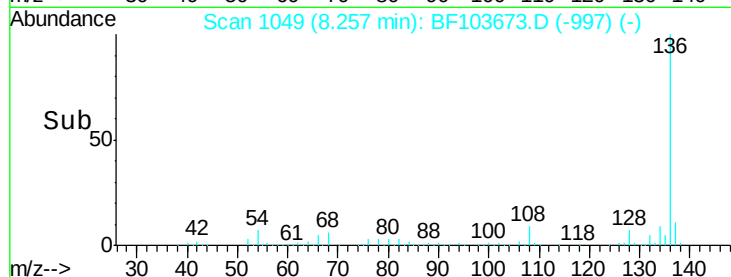
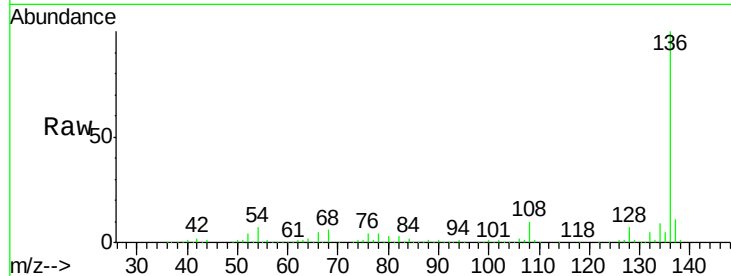
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100	630570		
137	10.9		8.9	13.3
54	6.7		6.6	9.8
68	5.7		5.0	7.4

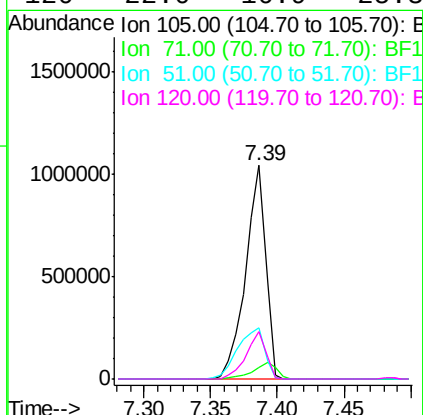
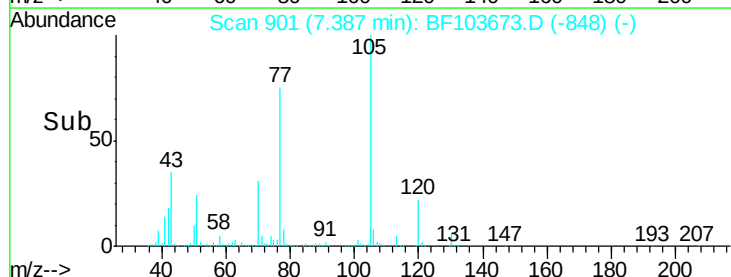
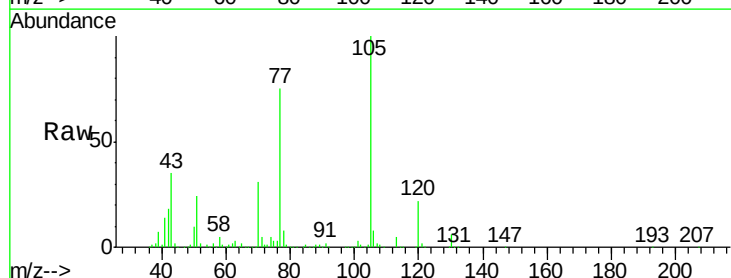
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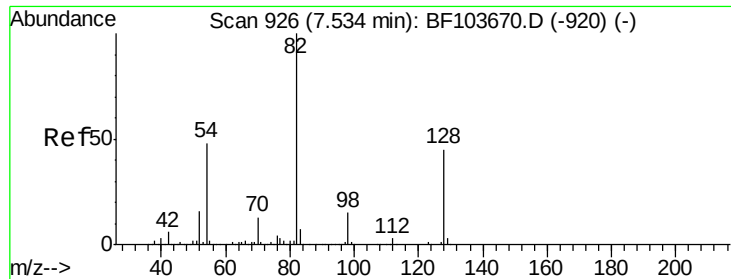
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#22
Acetophenone
Concen: 73.322 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1079202		
71	5.3		4.4	6.6
51	23.9		22.3	33.5
120	22.0		16.9	25.3





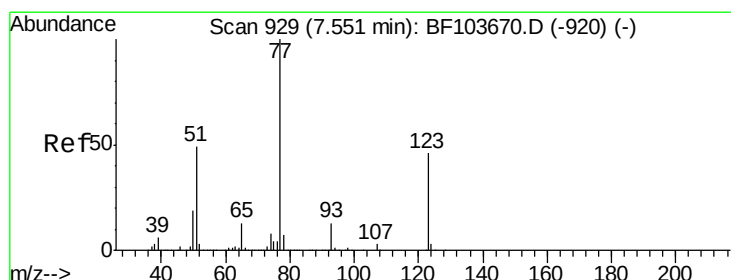
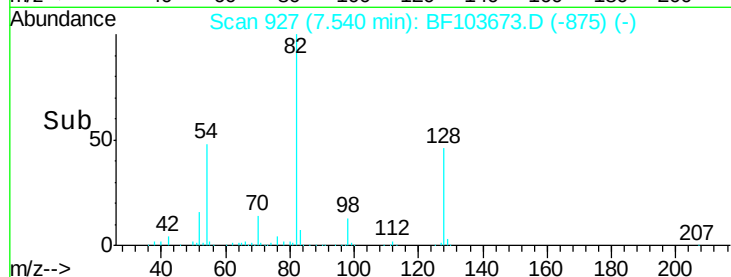
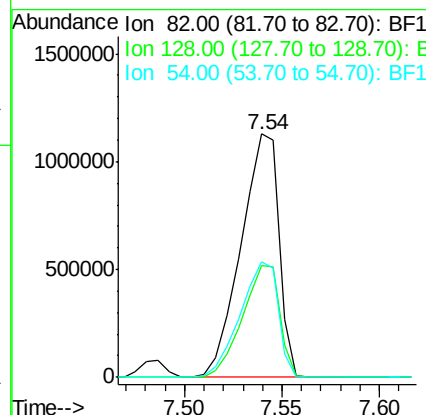
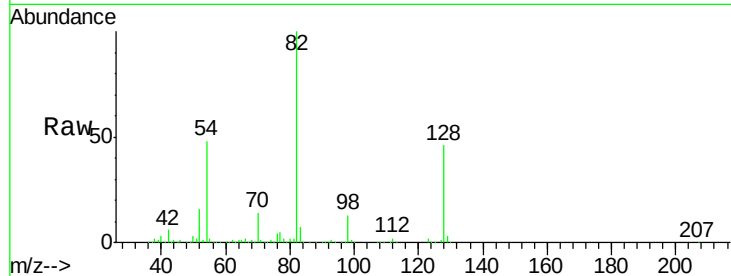
#23
 Nitrobenzene-d5
 Concen: 137.651 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	47.6	41.4	62.2

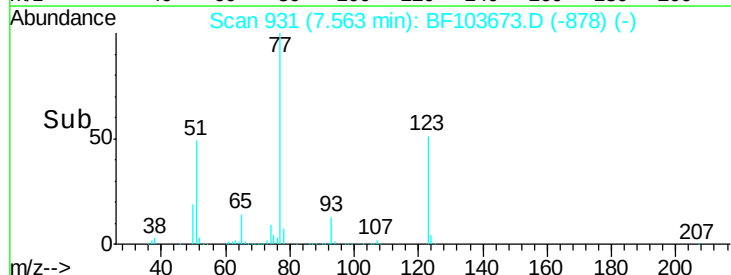
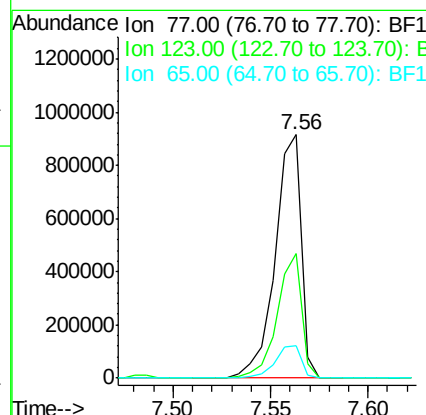
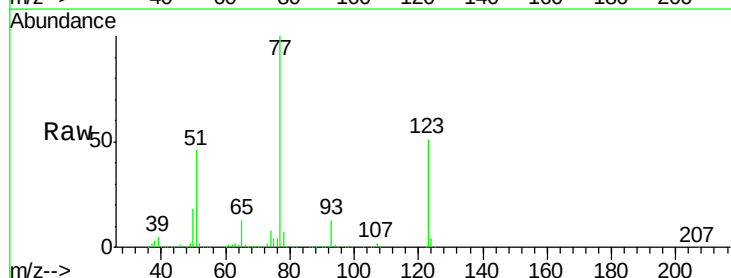
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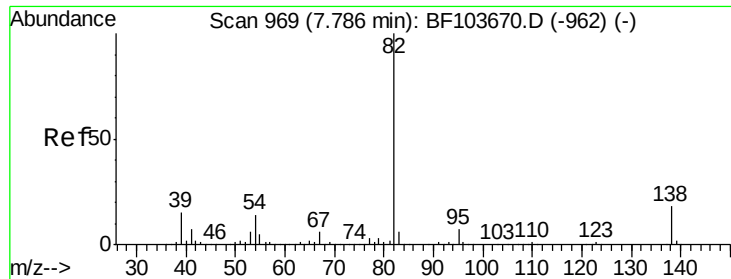
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#24
 Nitrobenzene
 Concen: 69.631 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	37.9	56.9
65	13.1	11.0	16.4





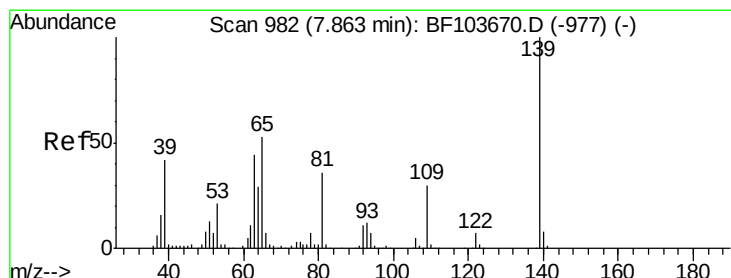
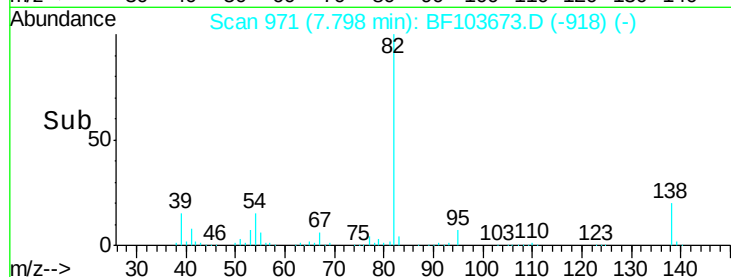
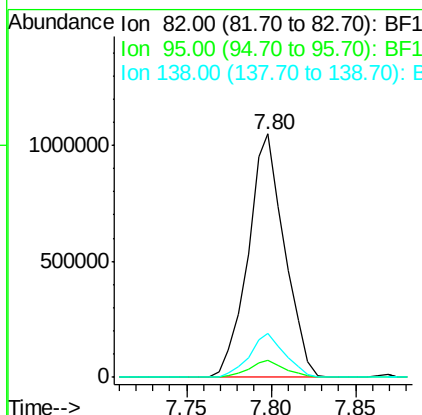
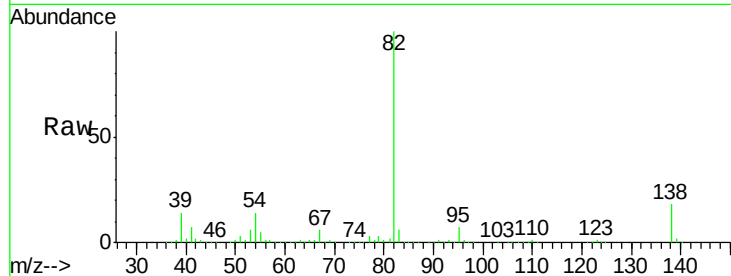
#25
Isophorone
Concen: 72.407 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.2	7.8
138	18.1	14.9	22.3

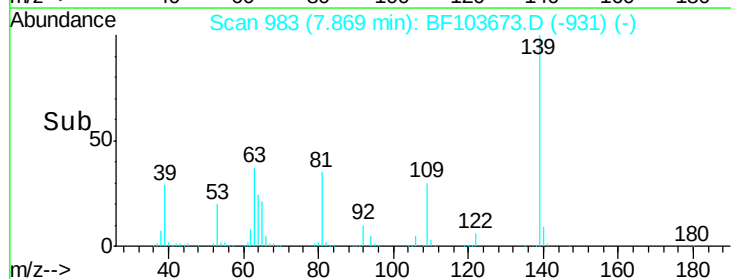
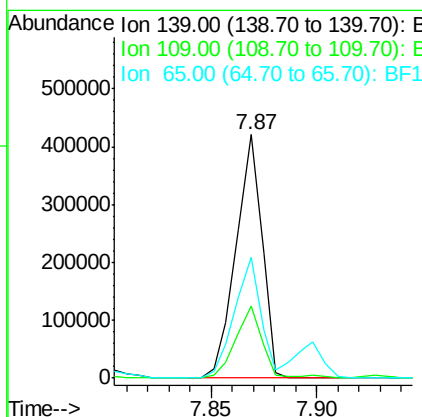
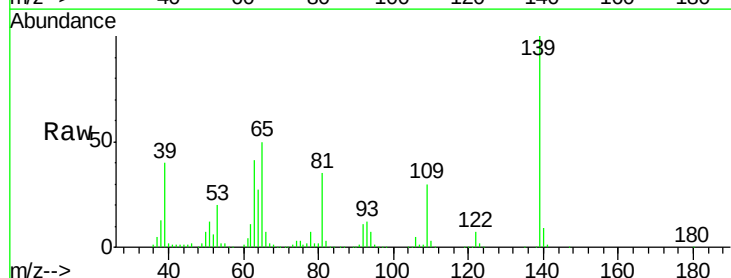
Manual Integrations
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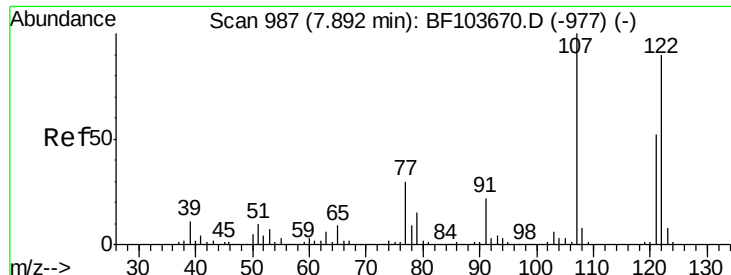
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#26
2-Nitrophenol
Concen: 62.743 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.5	22.7	34.1
65	49.5	40.5	60.7





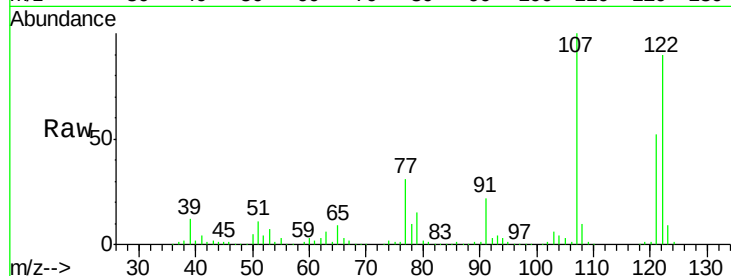
#27
2,4-Dimethylphenol
Concen: 77.630 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	91.2	136.8
121	57.5	47.2	70.8

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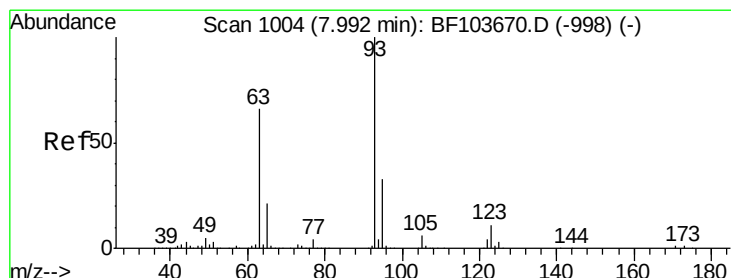
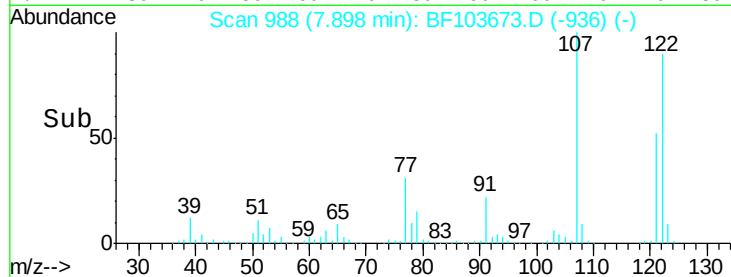
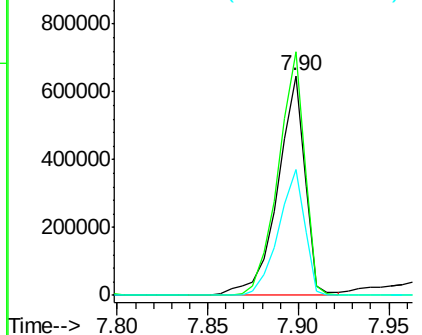


Abundance

Ion 122.00 (121.70 to 122.70): E

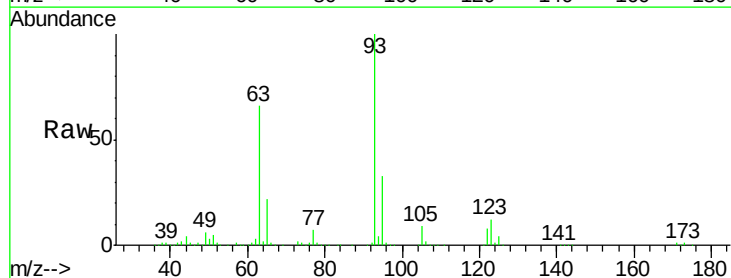
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 72.365 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	12.0	9.8	14.6

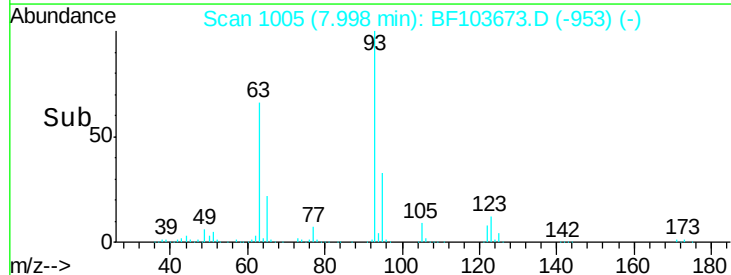
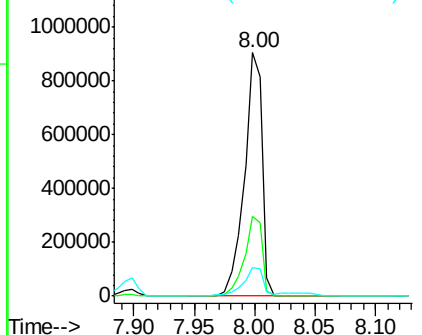


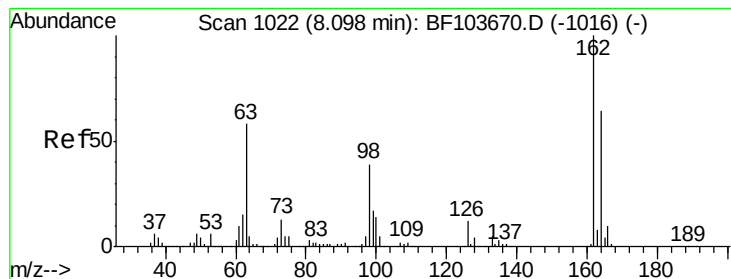
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 74.866 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

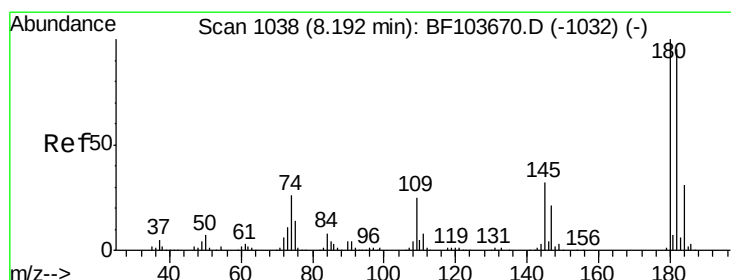
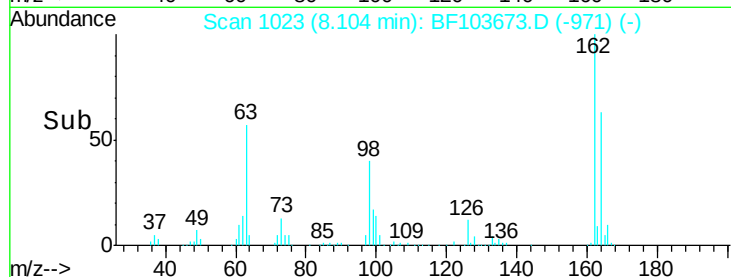
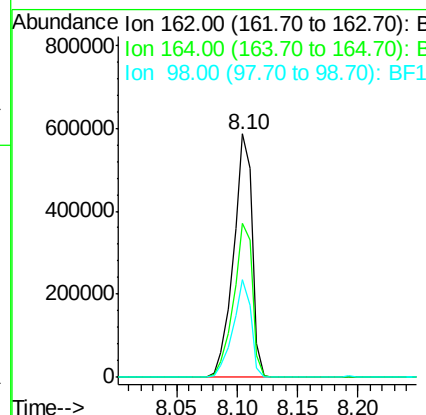
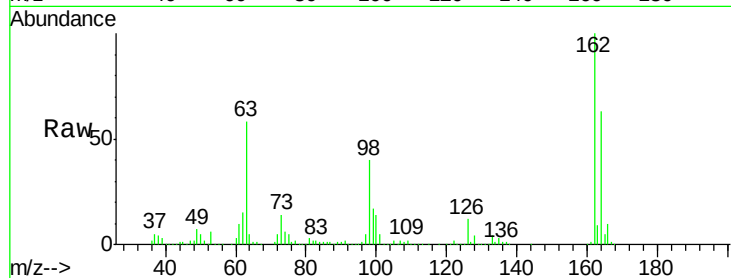
ClientSampleId :

SSTDIC080

Tot Ion:	162	Resp:	627021
Ion Ratio	Lower	Upper	
162	100		
164	63.3	42.7	82.7
98	40.4	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 75.199 ng

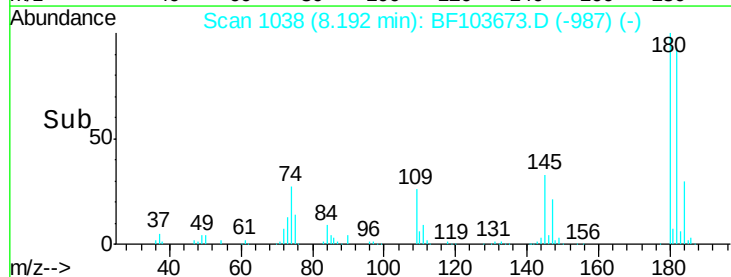
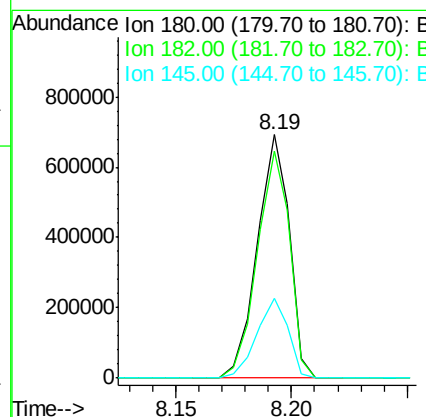
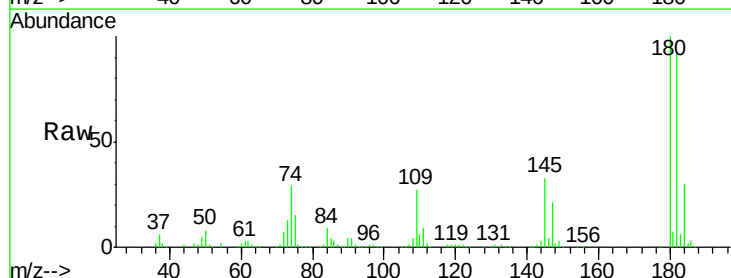
RT: 8.19 min Scan# 1038

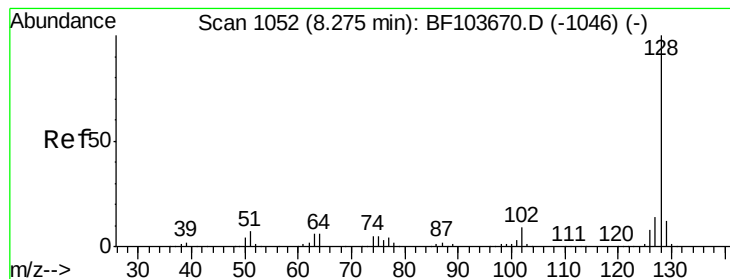
Delta R.T. 0.00 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:	180	Resp:	670677
Ion Ratio	Lower	Upper	
180	100		
182	93.3	76.8	115.2
145	33.0	26.5	39.7





#31

Naphthalene

Concen: 70.079 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:128 Resp: 2163435

Ion Ratio Lower Upper

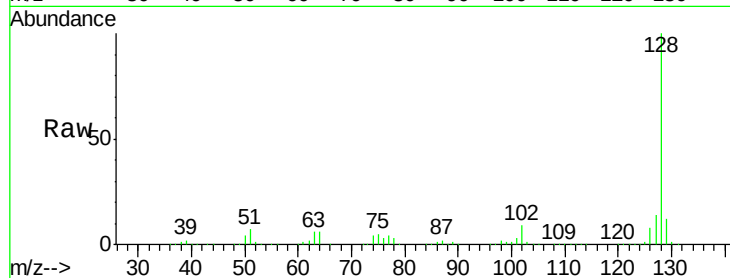
128 100

129 11.6 8.8 13.2

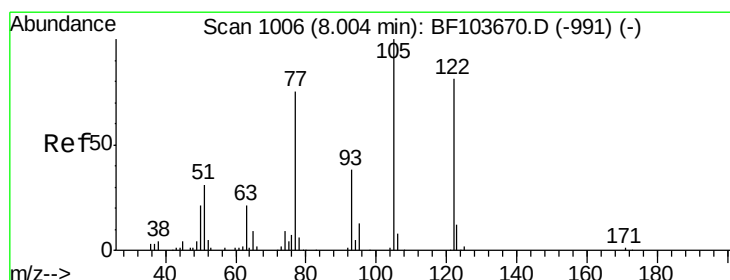
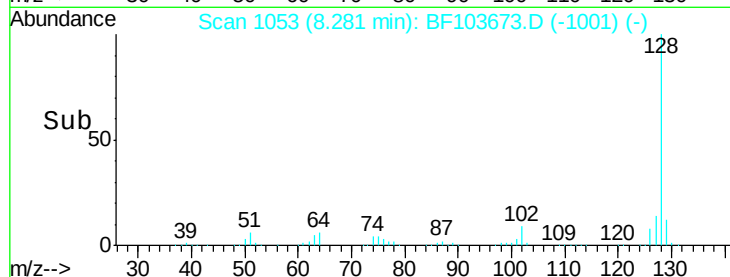
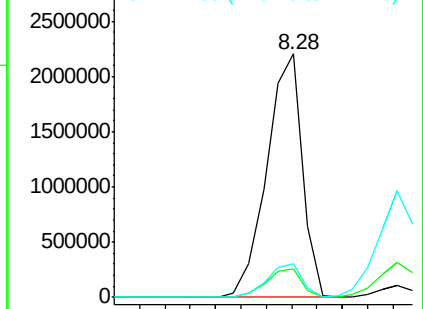
127 14.0 10.9 16.3

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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: 97.841 ng m

RT: 8.05 min Scan# 1013

Delta R.T. 0.04 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

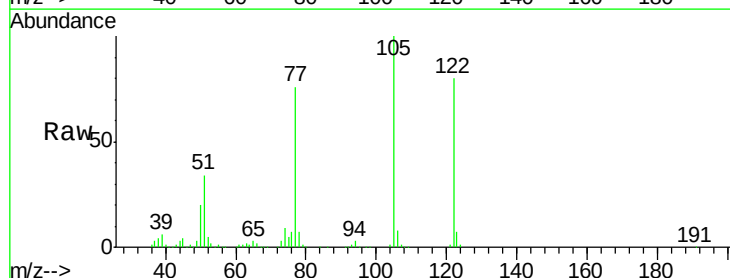
Tgt Ion:122 Resp: 564966

Ion Ratio Lower Upper

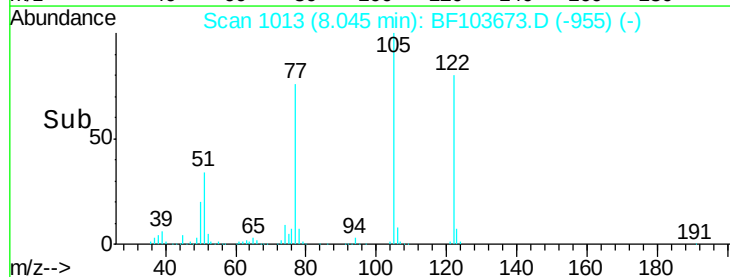
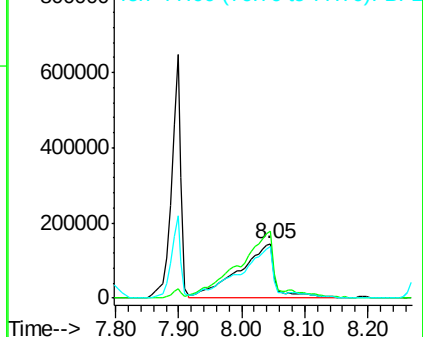
122 100

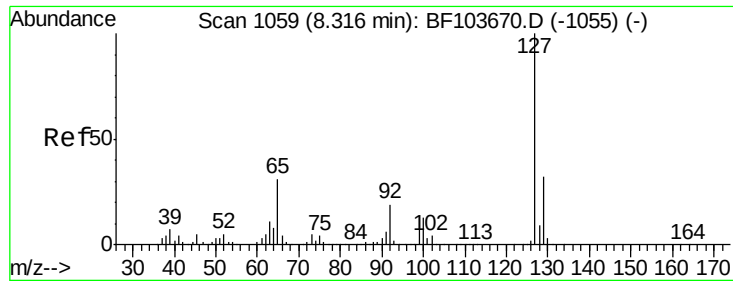
105 124.8 101.1 141.1

77 94.8 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





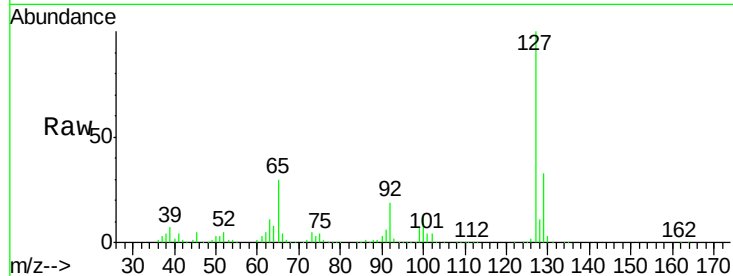
#33
4-Chloroaniline
Concen: 71.006 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

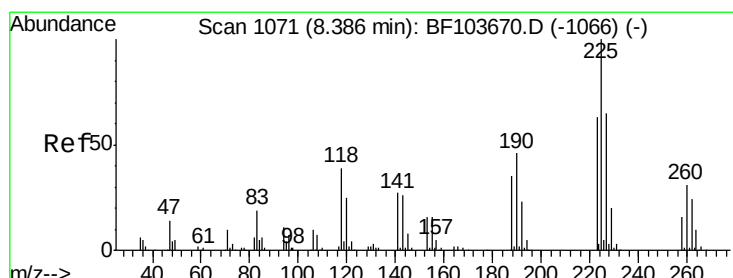
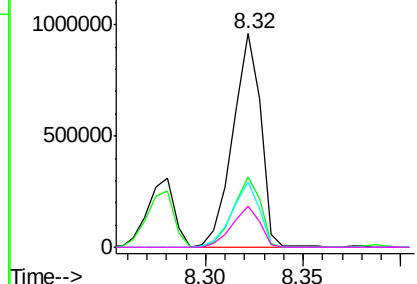
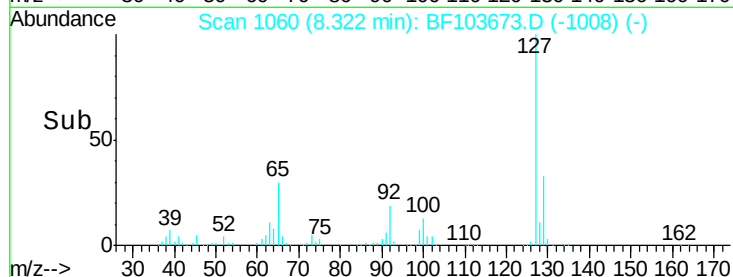
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8		25.9	38.9	
65	30.5		25.0	37.4	
92	19.4		15.2	22.8	

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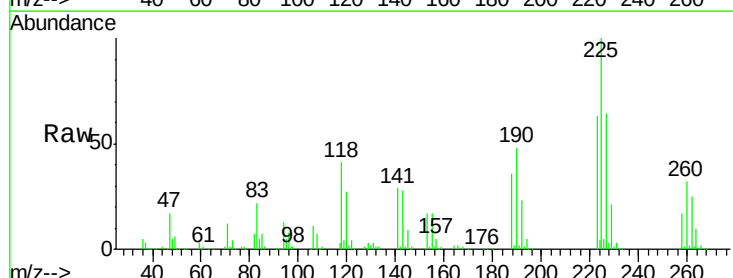


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

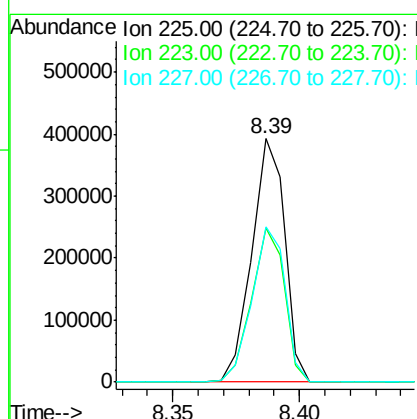
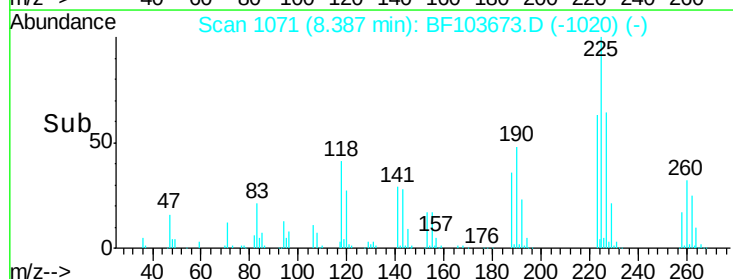


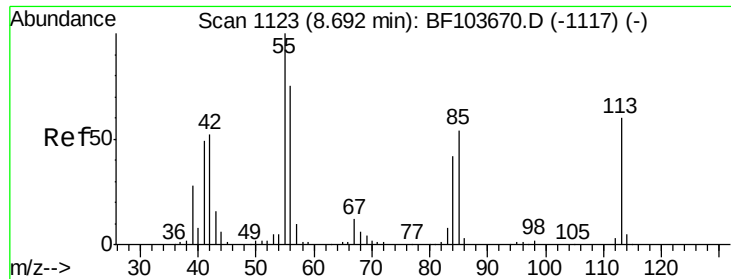
#34
Hexachlorobutadiene
Concen: 76.843 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2		50.6	76.0	
227	63.6		51.9	77.9	



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





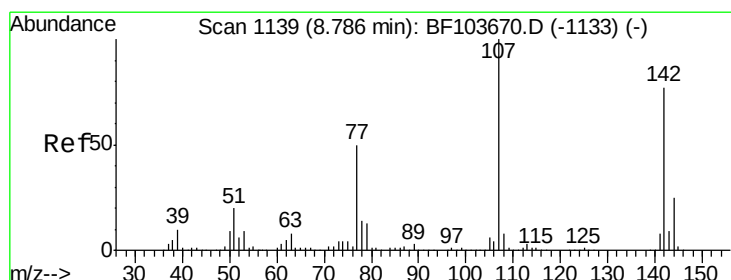
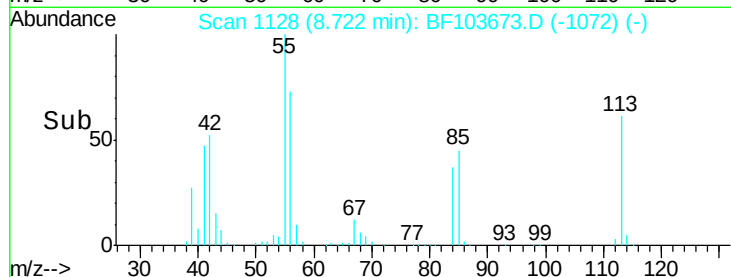
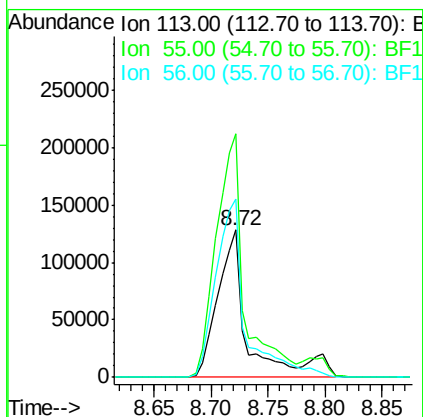
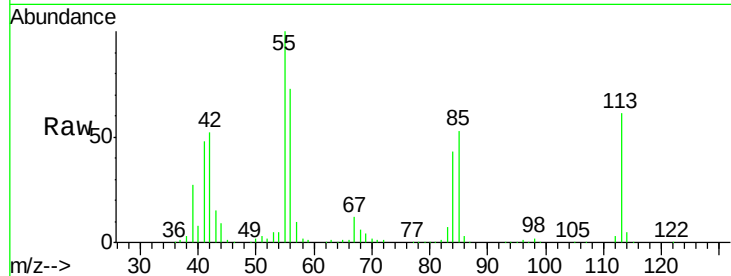
#35
Caprolactam
Concen: 80.560 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.03 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.2	163.3	203.3
56	120.9	115.7	155.7

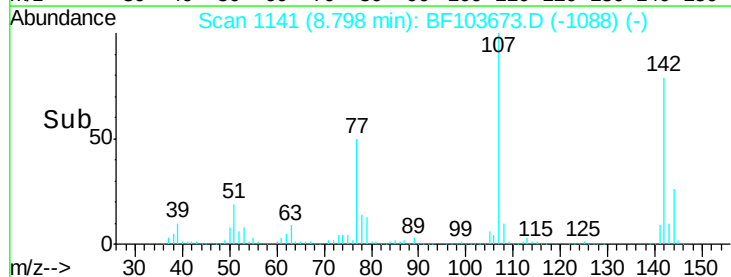
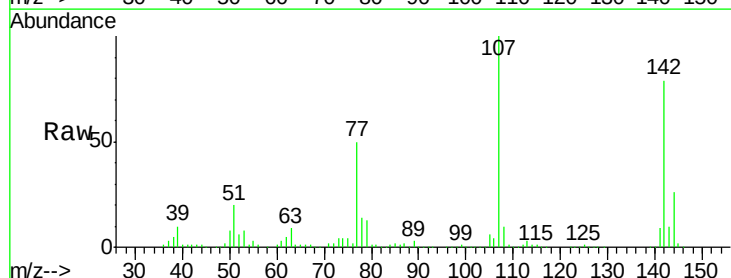
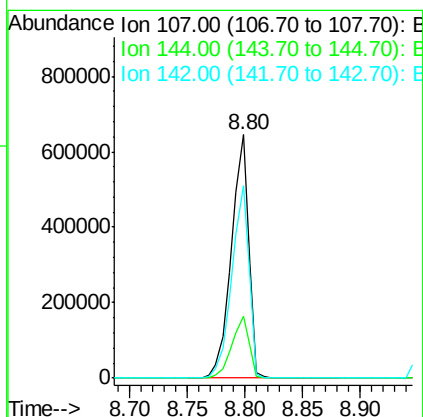
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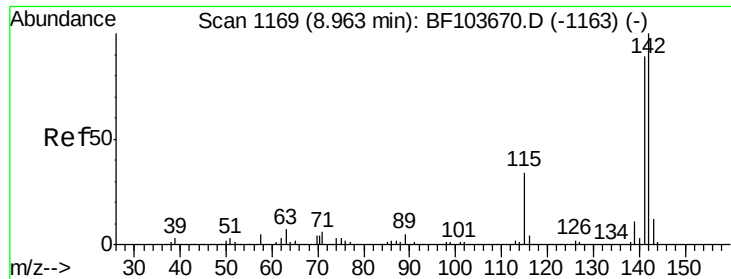
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#36
4-Chloro-3-methylphenol
Concen: 70.900 ng/ml
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	78.8	62.0	93.0





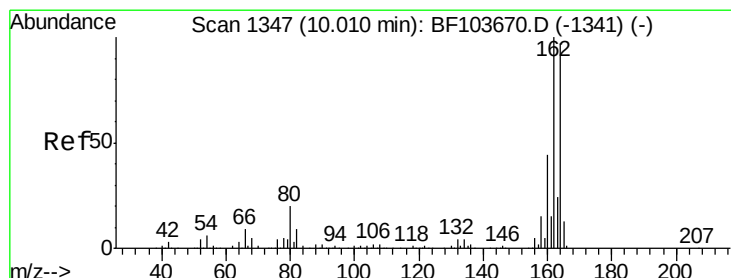
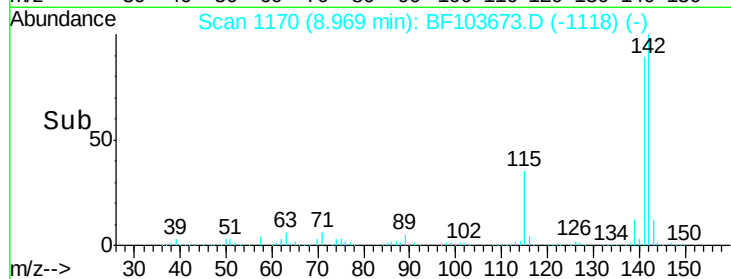
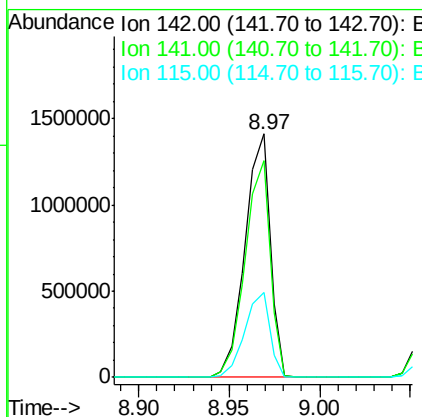
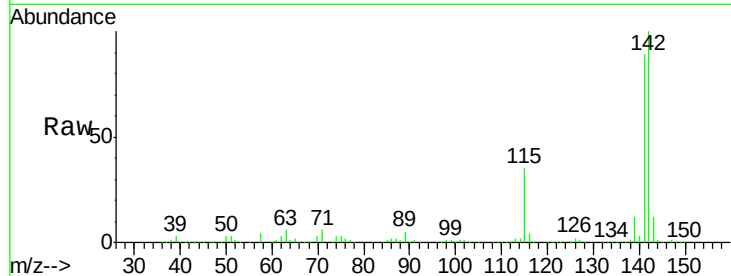
#37
 2-Methylnaphthalene
 Concen: 68.461 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	35.0	26.1	39.1

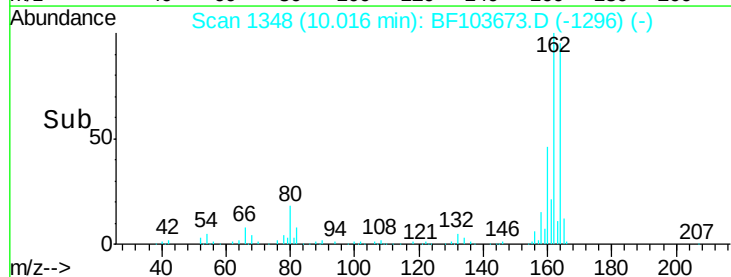
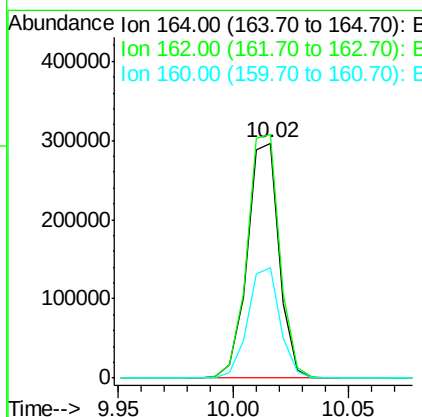
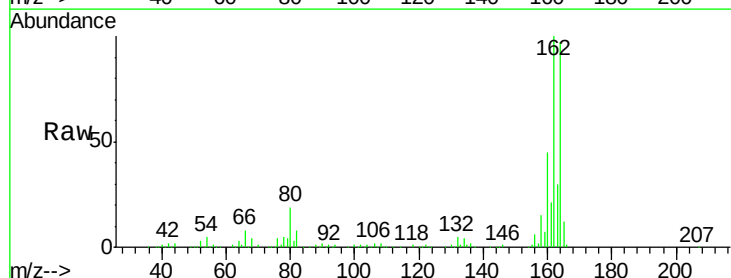
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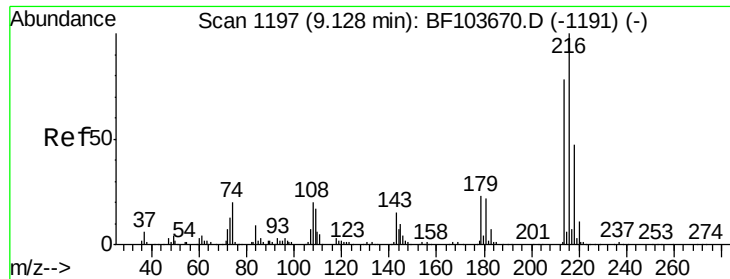
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.1	38.3	57.5





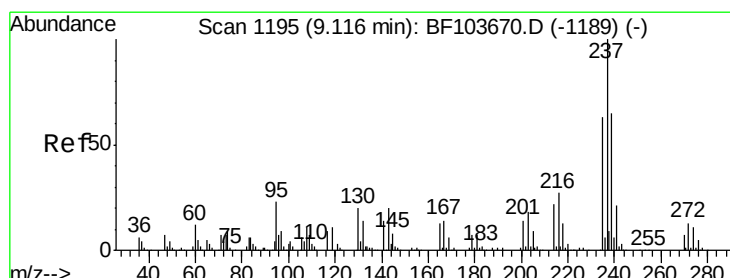
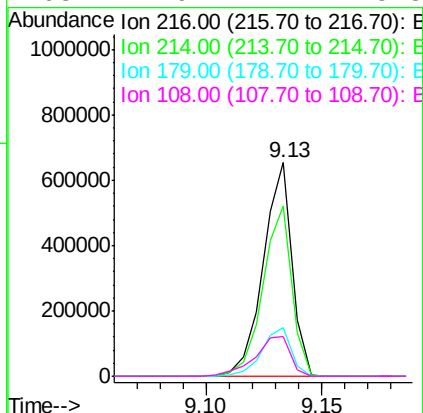
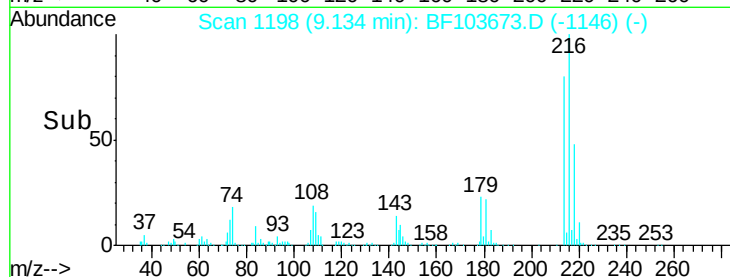
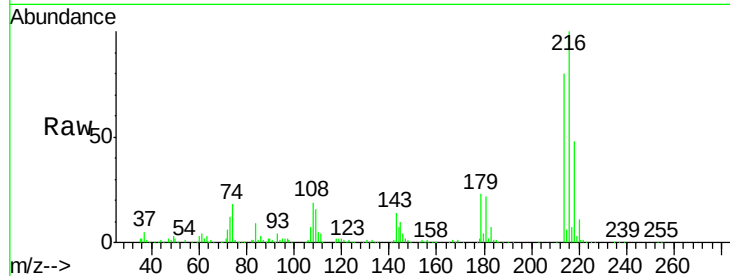
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 72.352 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.2		63.0	94.4	
179	23.3		18.1	27.1	
108	22.9		17.2	25.8	

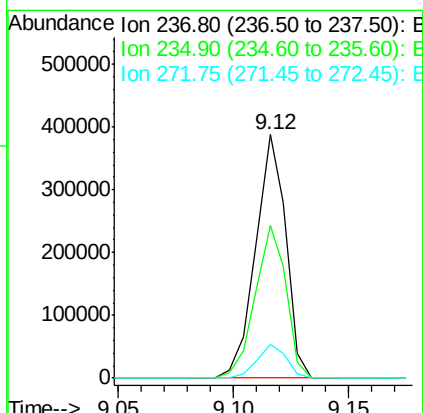
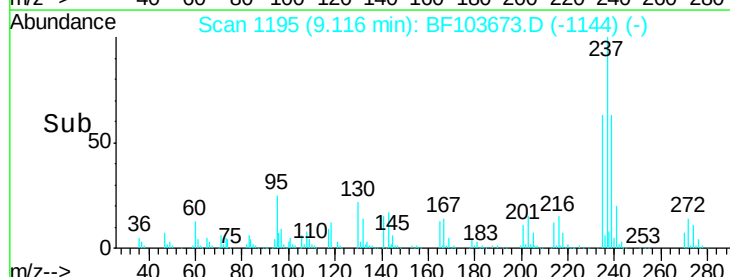
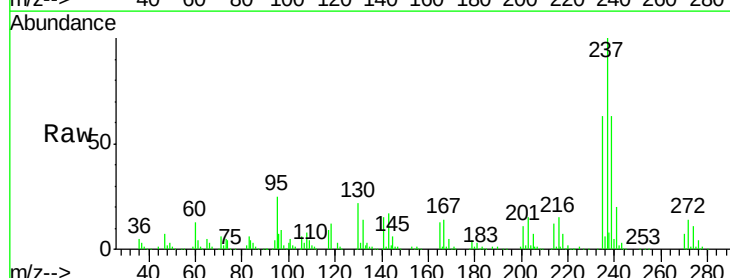
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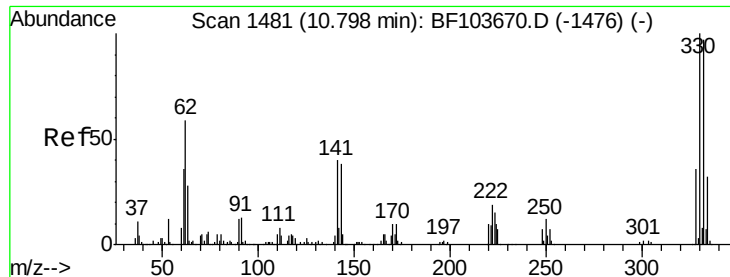
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#40
 Hexachlorocyclopentadiene
 Concen: 163.312 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.6		44.8	84.8	
272	13.8		0.0	33.3	





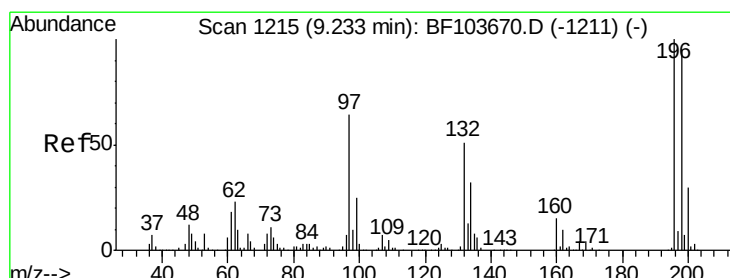
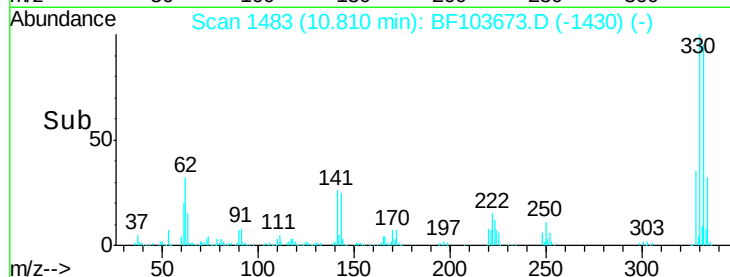
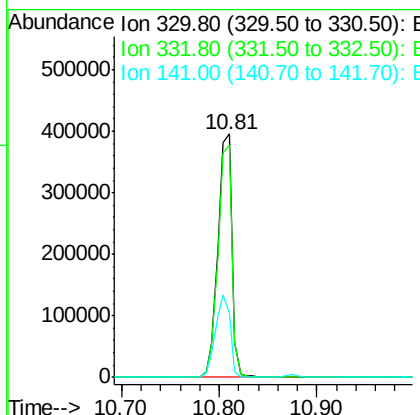
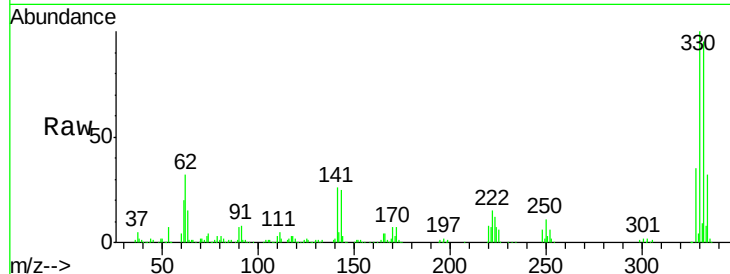
#41
 2,4,6-Tribromophenol
 Concen: 163.648 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	396278		
332	95.4	77.0	115.6	
141	35.4	29.9	44.9	

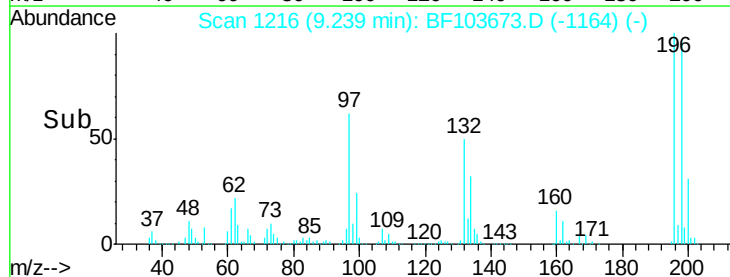
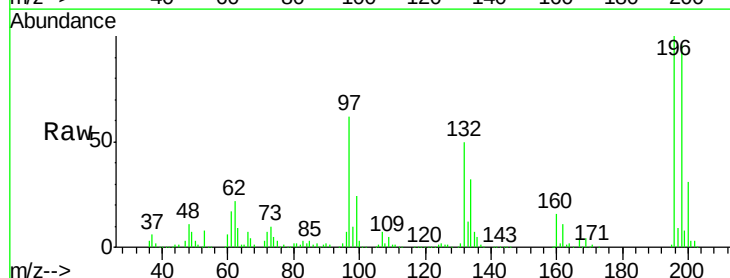
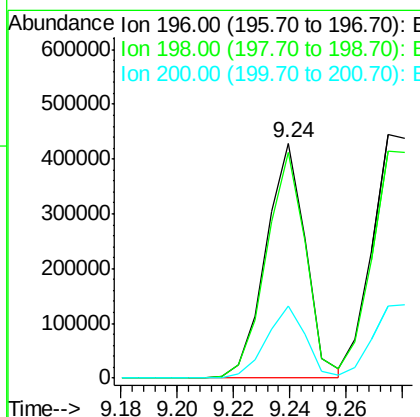
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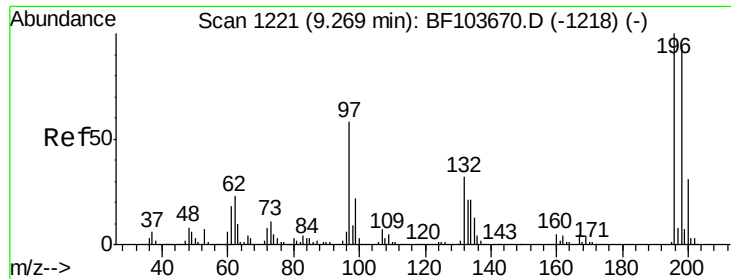
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#42
 2,4,6-Trichlorophenol
 Concen: 79.352 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	417590		
198	95.9	75.7	113.5	
200	30.8	24.5	36.7	





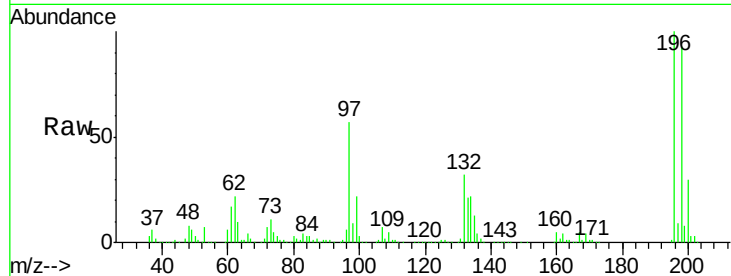
#43
 2,4,5-Trichlorophenol
 Concen: 76.894 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Resp	Lower	Upper
196	100			
198	93.1	74.6	112.0	
97	56.7	42.9	64.3	
132	32.1	26.3	39.5	

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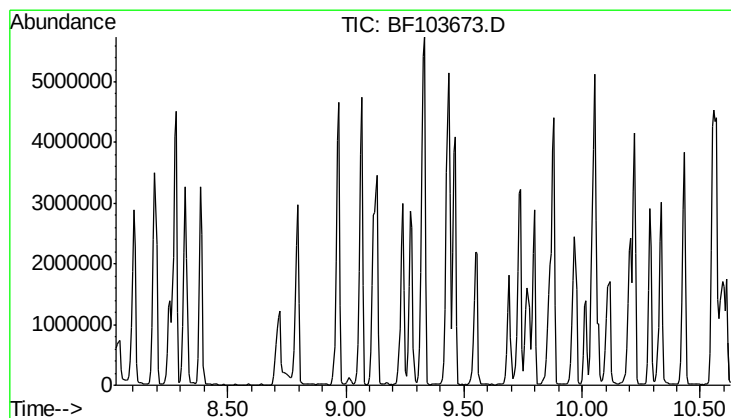
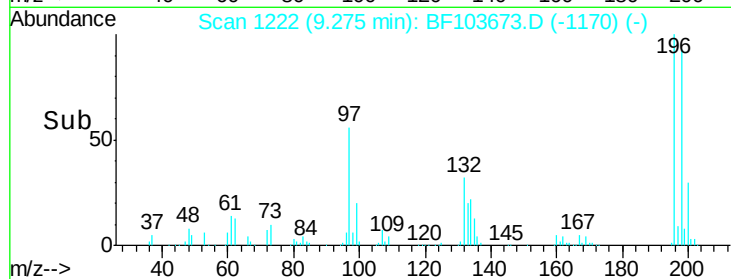
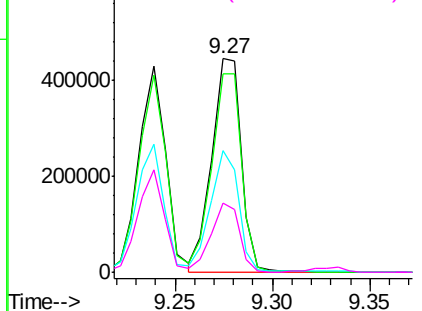
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

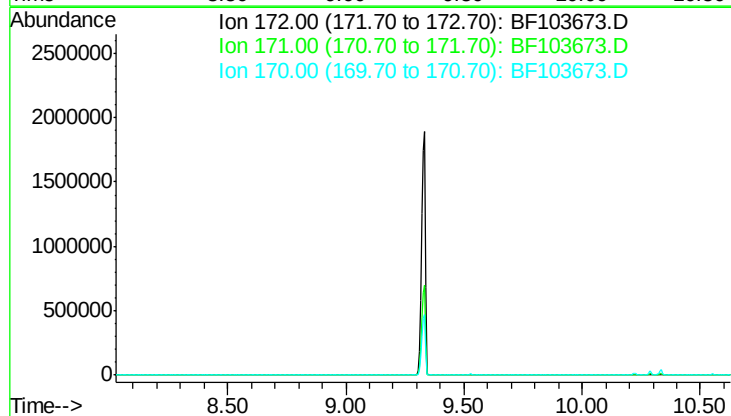
Ion 97.00 (96.70 to 97.70): BF1

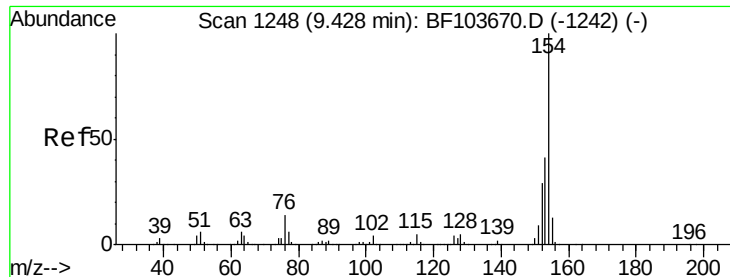
Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.33 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion	Exp Ratio
172	100
171	37.1
170	24.5





#45

1,1'-Biphenyl

Concen: 67.970 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1629400

Ion Ratio Lower Upper

154 100

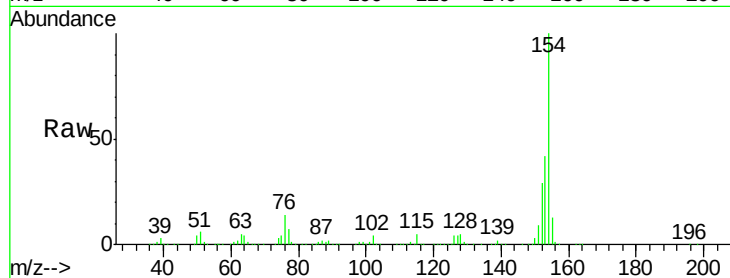
153 41.6 21.3 61.3

76 14.3 0.0 34.0

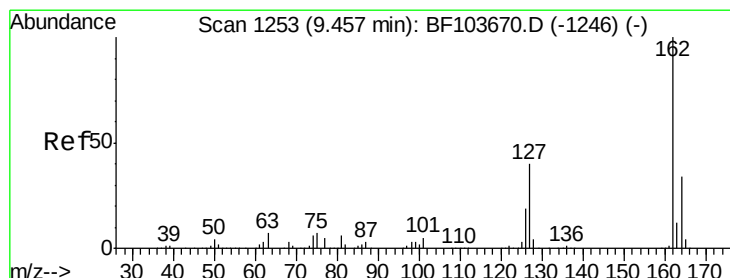
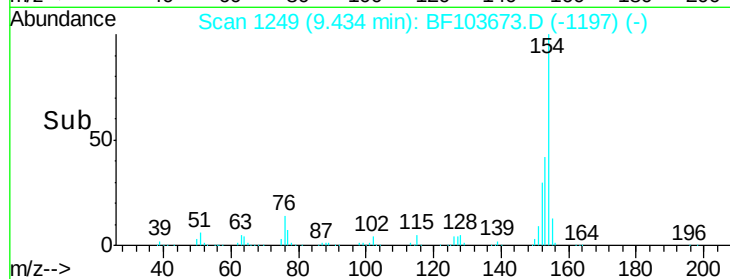
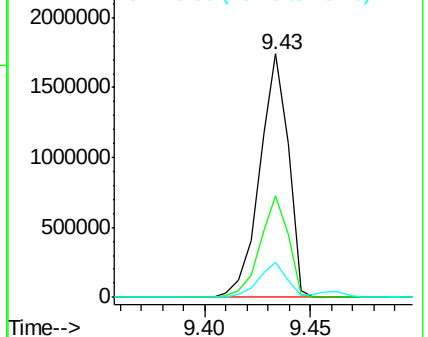
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 70.387 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

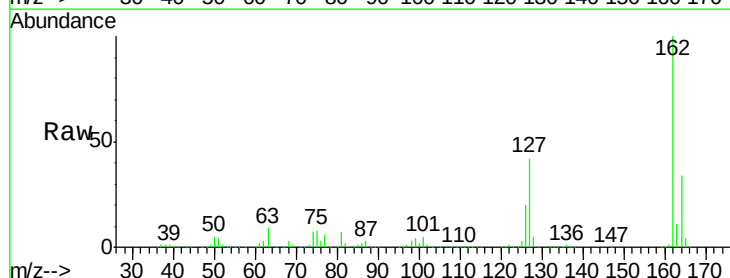
Tgt Ion:162 Resp: 1334907

Ion Ratio Lower Upper

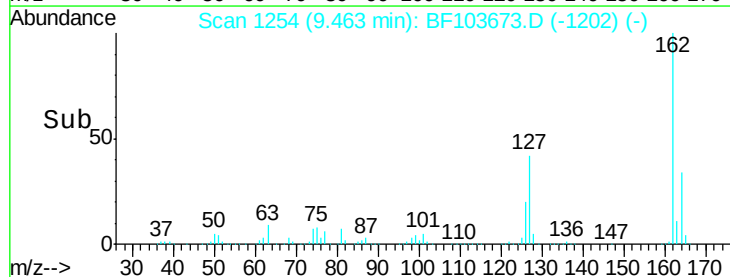
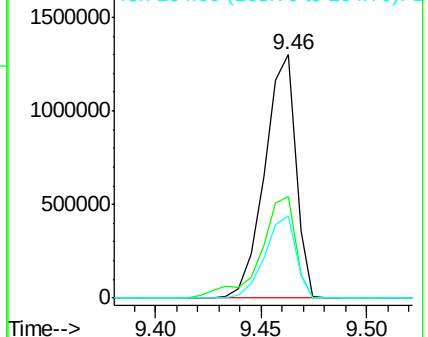
162 100

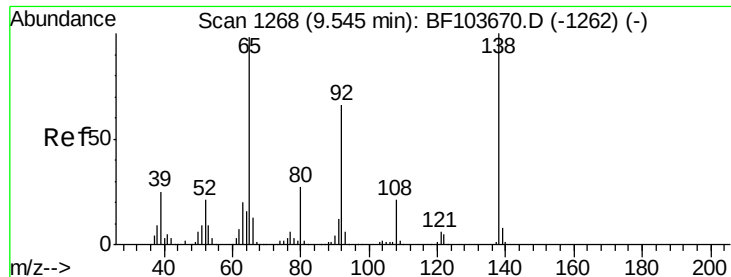
127 41.9 33.9 50.9

164 34.0 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: 60.220 ng/mL

RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 65 Resp: 423052

Ion Ratio Lower Upper

65 100

92 69.2 55.8 83.6

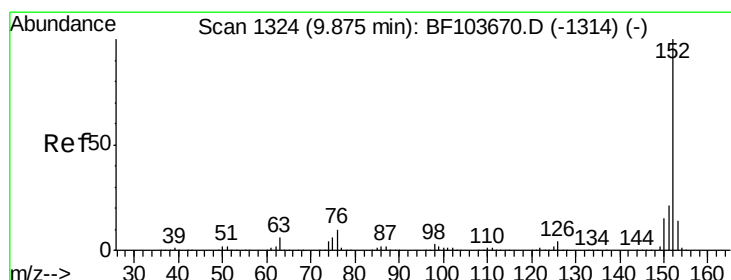
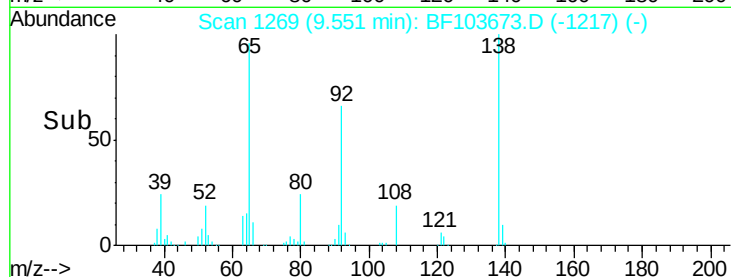
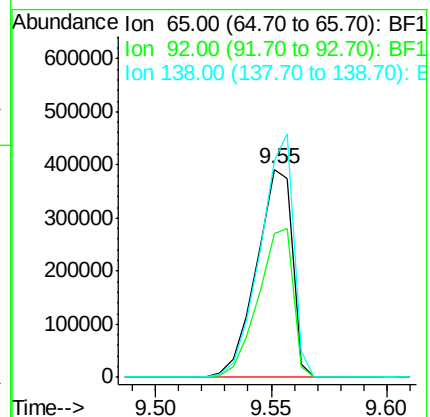
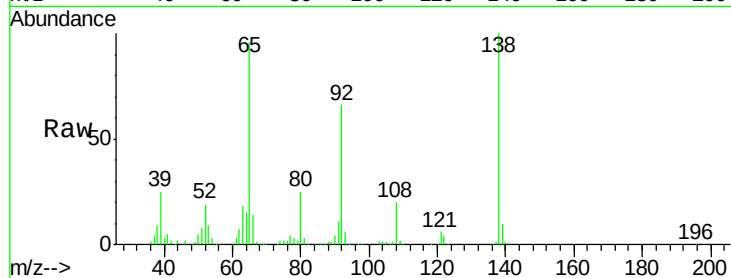
138 104.1 91.2 136.8

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#48

Acenaphthylene

Concen: 69.701 ng/mL

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

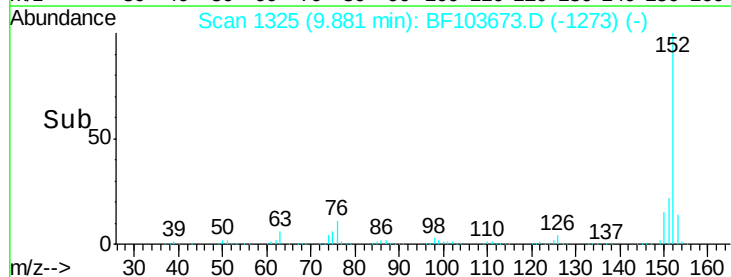
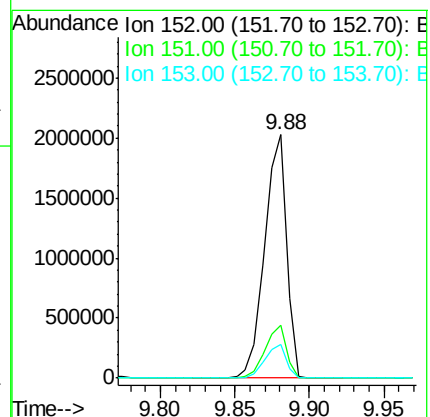
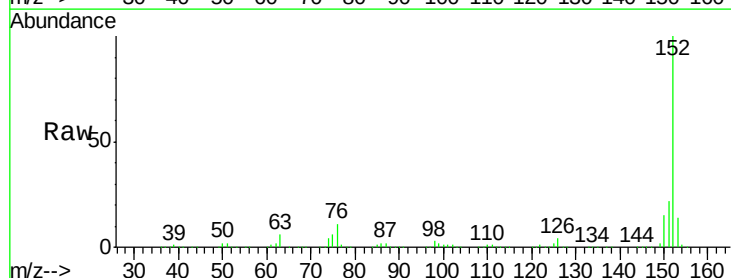
Tgt Ion: 152 Resp: 2033893

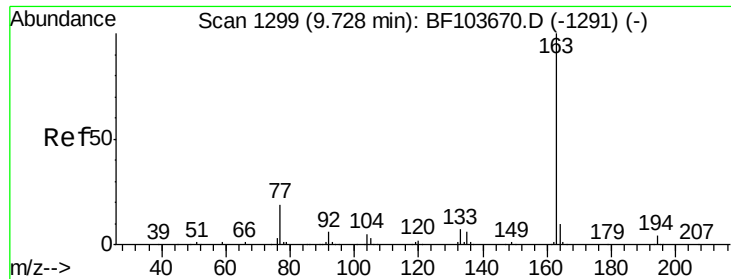
Ion Ratio Lower Upper

152 100

151 21.6 16.3 24.5

153 13.7 10.7 16.1





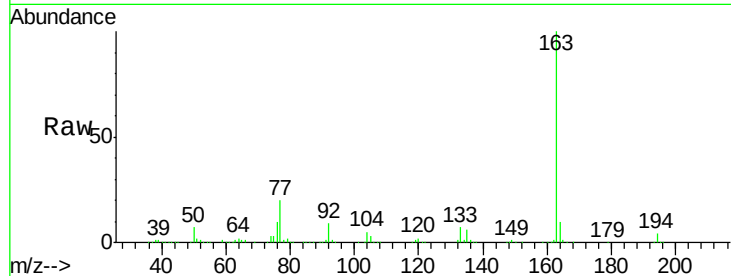
#49
Dimethylphthalate
Concen: 69.099 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

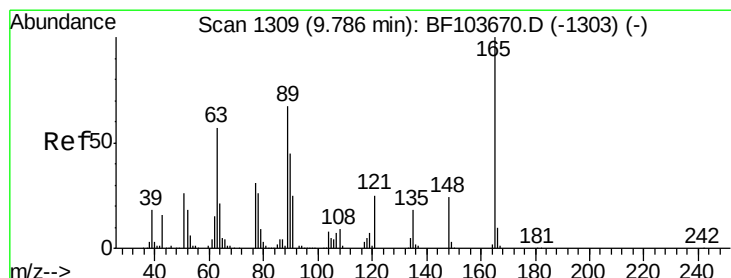
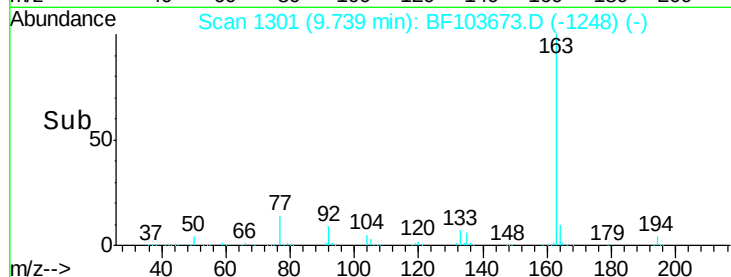
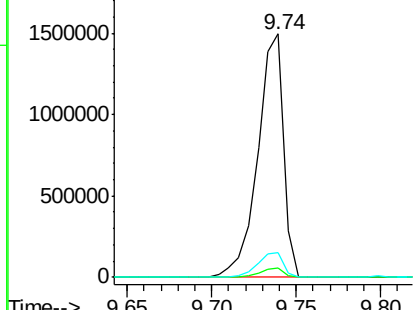
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2

Manual Integrations
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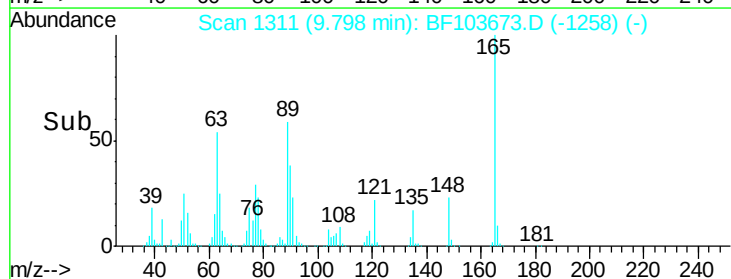
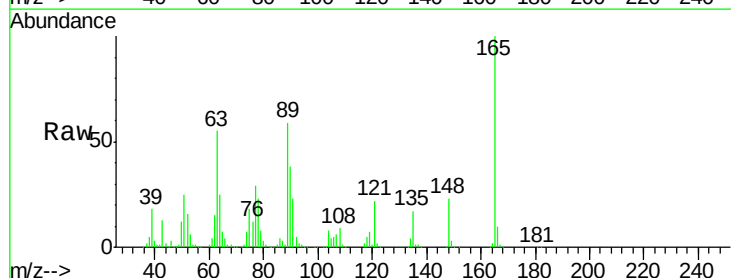
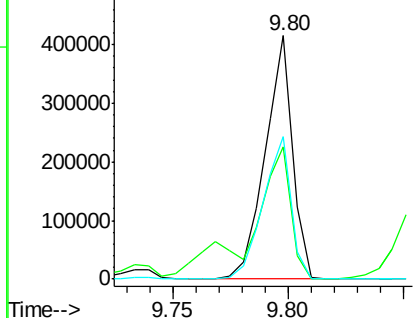
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

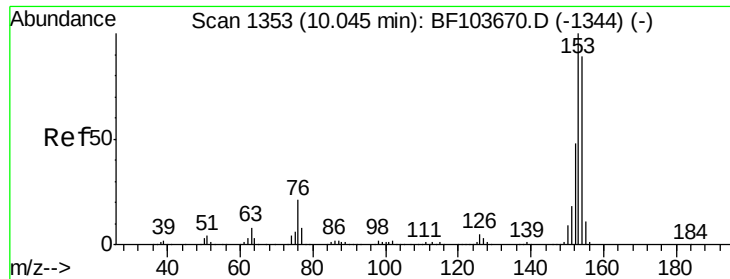


#50
2,6-Dinitrotoluene
Concen: 71.198 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.6	44.7	67.1
89	58.8	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 71.974 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1224661

Ion Ratio Lower Upper

154 100

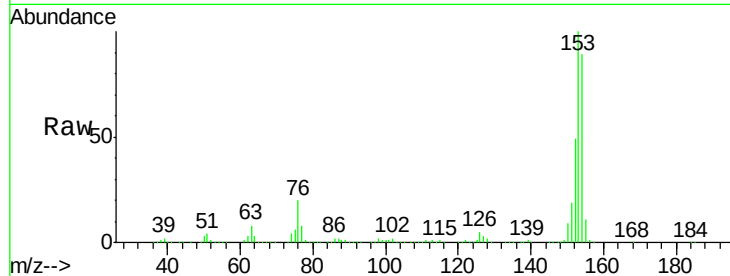
153 113.0 91.2 136.8

152 55.5 43.8 65.8

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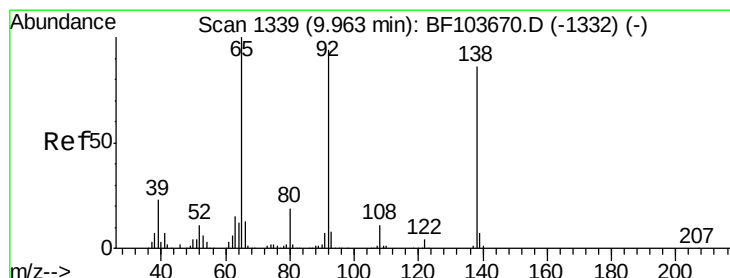
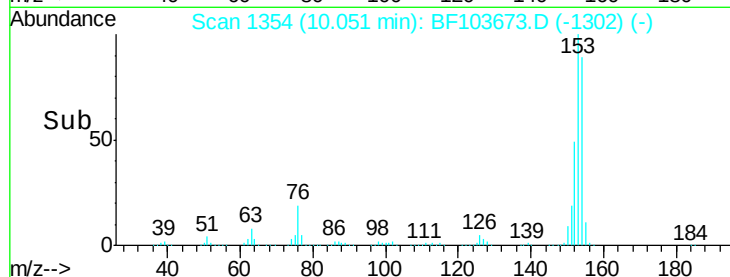
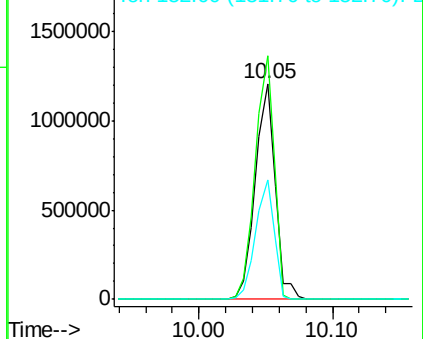
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 67.949 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

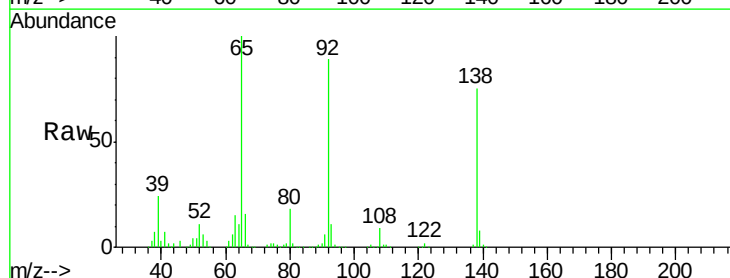
Tgt Ion:138 Resp: 415189

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

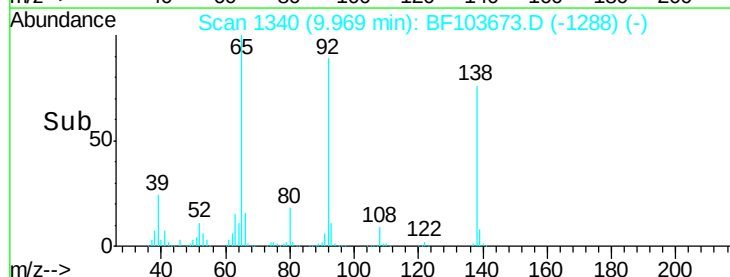
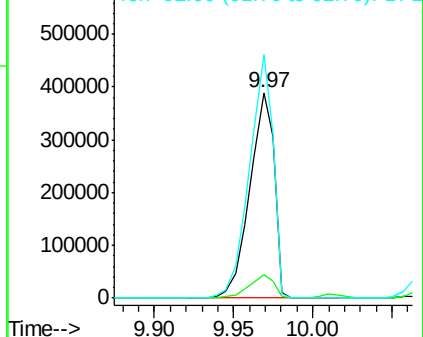
92 118.3 89.4 134.2

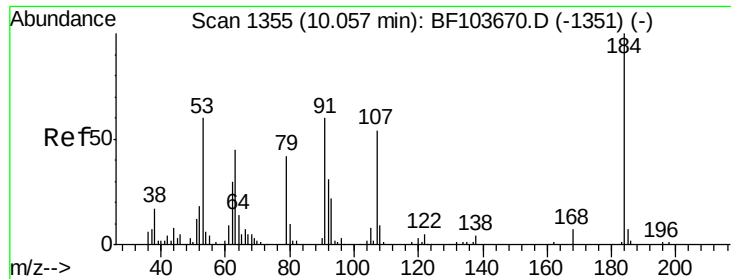


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





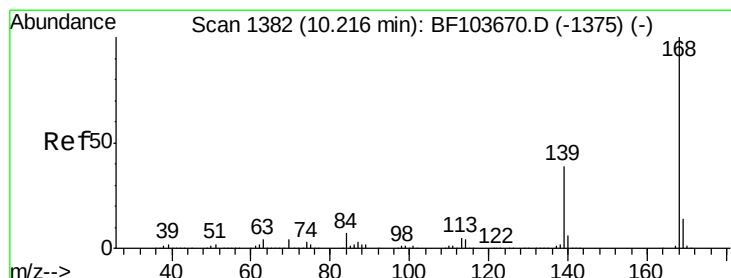
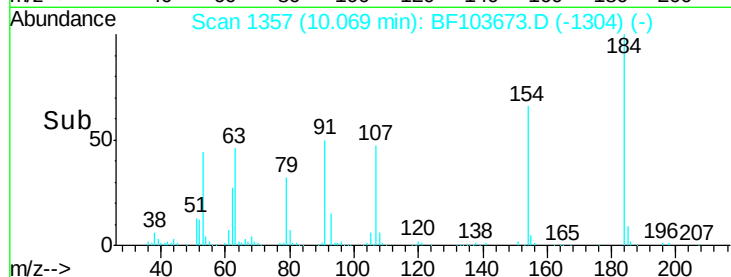
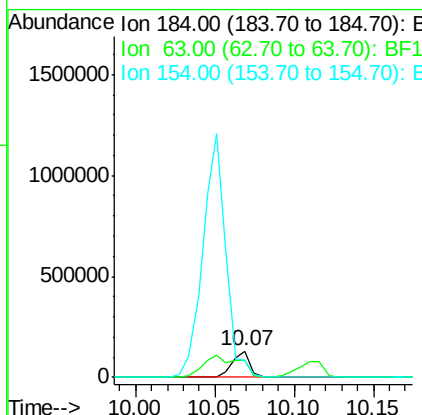
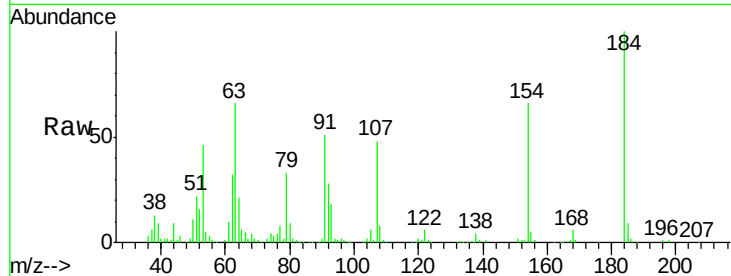
#53
2,4-Dinitrophenol
Concen: 77.523 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
63	66.0	54.2	81.2		
154	65.7	184.0	276.0		

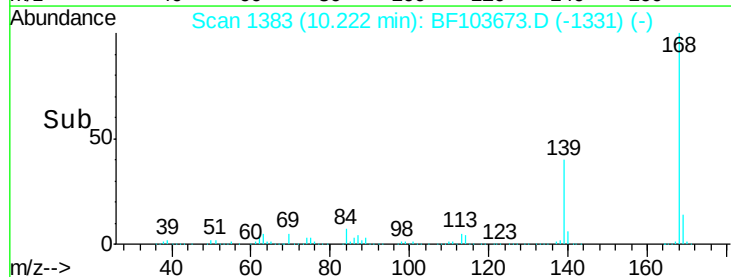
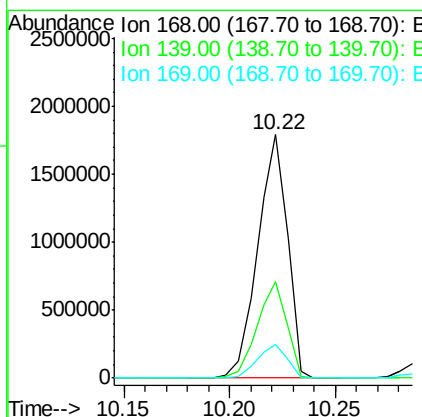
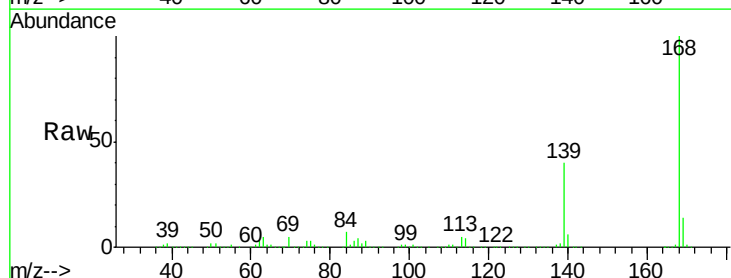
Manual Integrations
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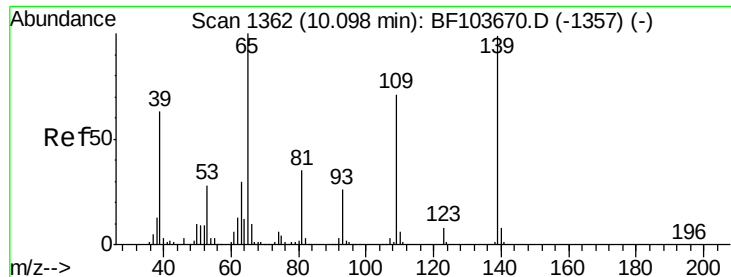
Sohil
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#54
Dibenzofuran
Concen: 74.655 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100				
139	39.7	30.1	45.1		
169	13.8	10.9	16.3		





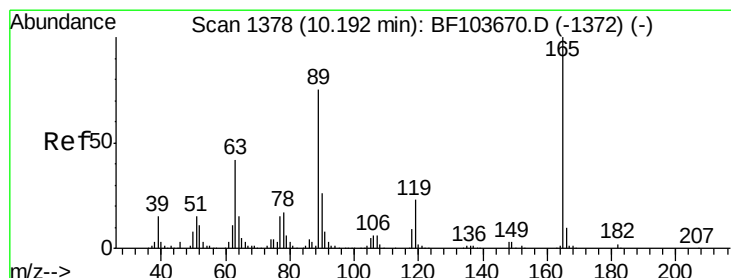
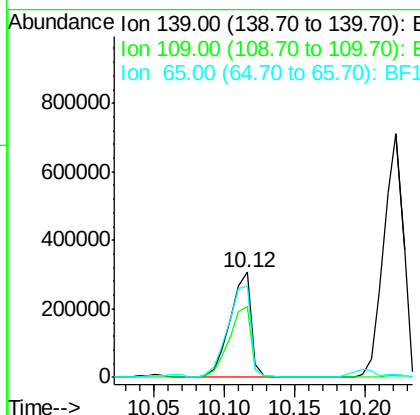
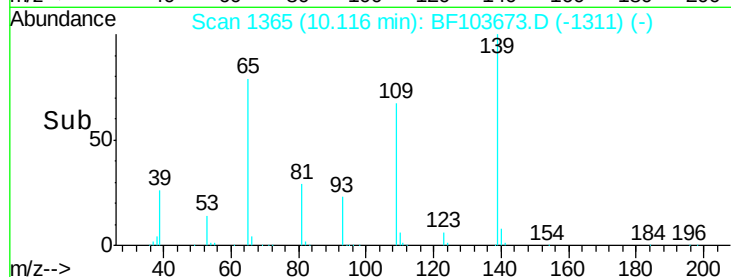
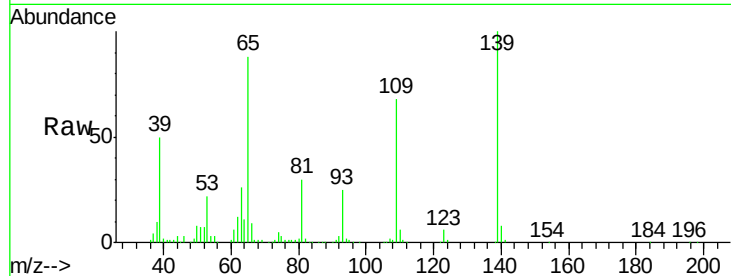
#55
4-Nitrophenol
Concen: 83.770 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.9	48.4	88.4
65	87.7	72.6	112.6

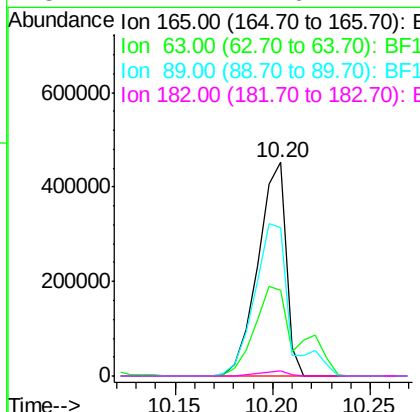
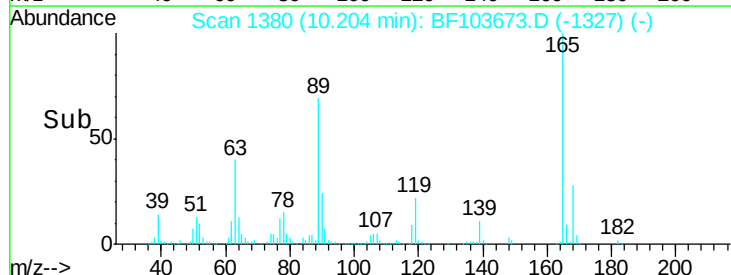
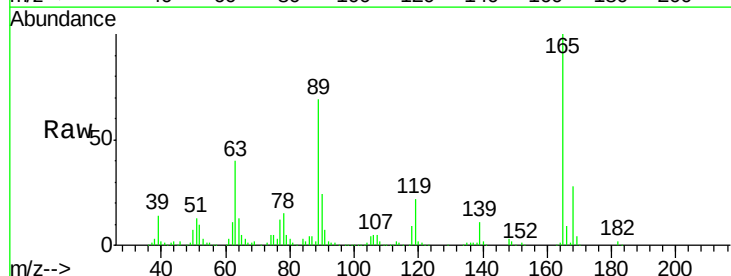
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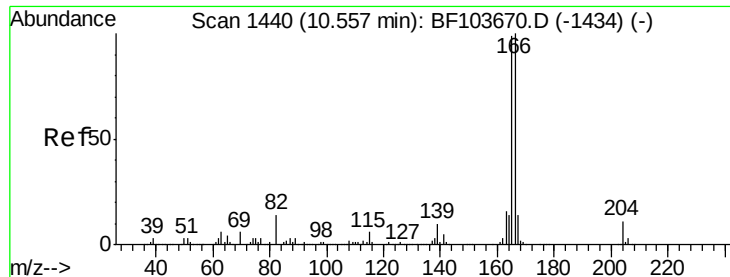
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#56
2,4-Dinitrotoluene
Concen: 74.204 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.1	36.4	54.6
89	69.3	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 63.924 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:166 Resp: 1271921

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

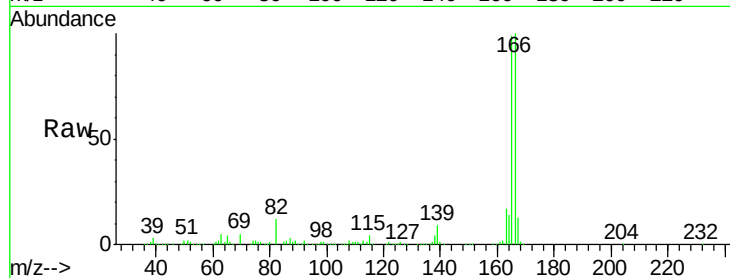
167 13.3 10.6 16.0

Manual Integrations

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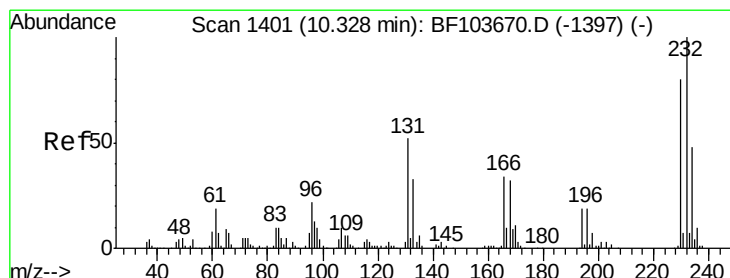
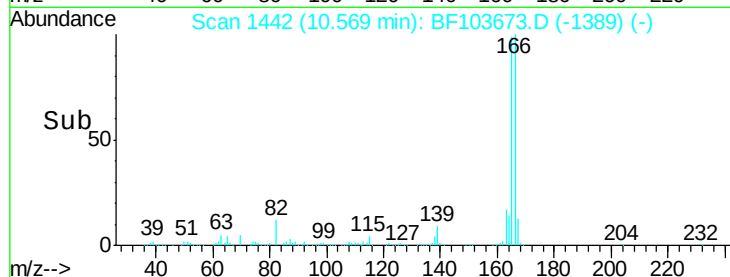
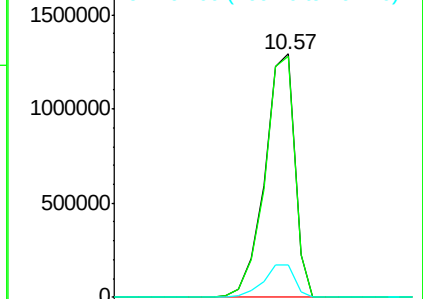
3/16/2018 12:06:13 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 82.843 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:232 Resp: 336837

Ion Ratio Lower Upper

232 100

131 53.1 43.8 65.8

130 2.7 2.1 3.1

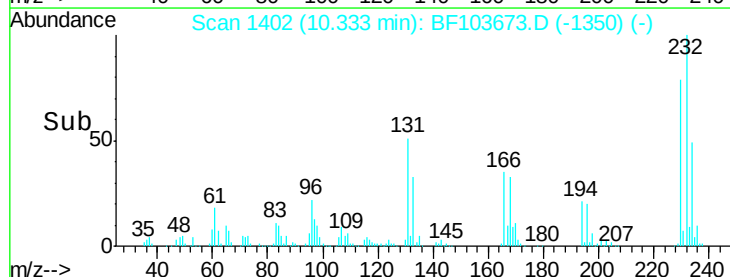
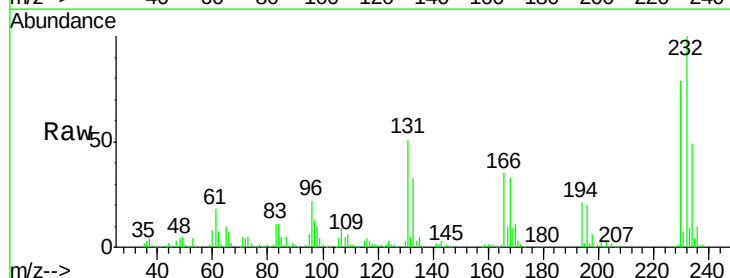
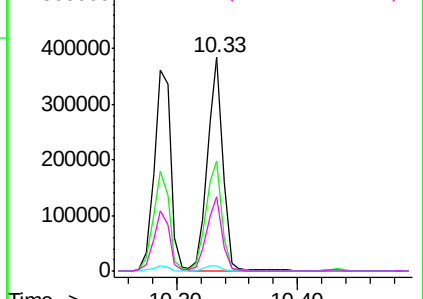
166 34.5 27.8 41.6

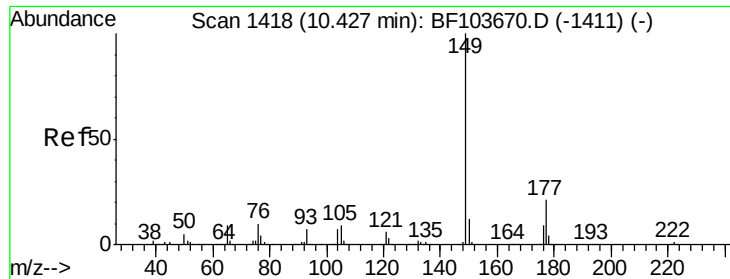
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





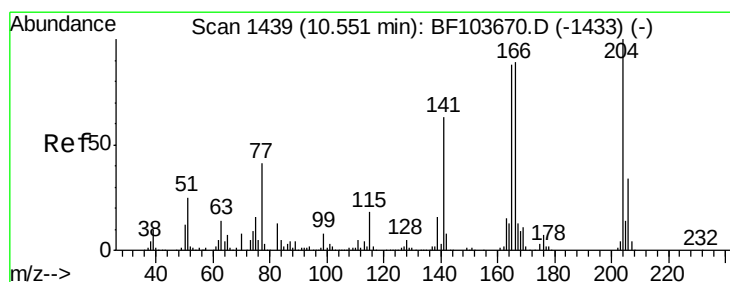
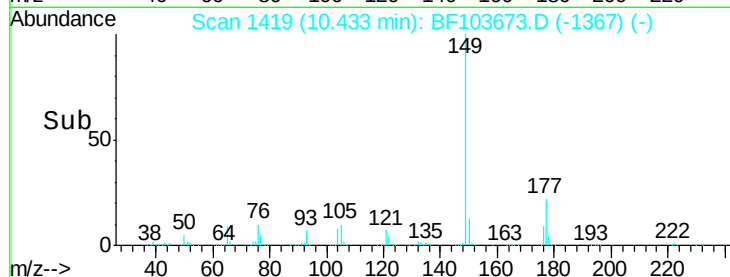
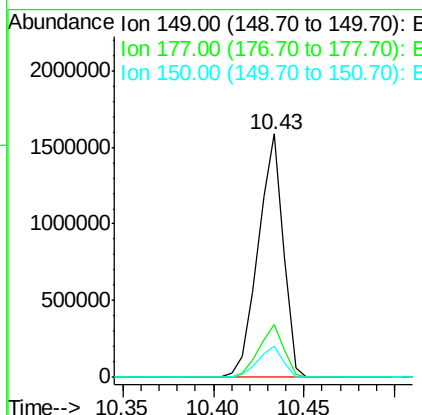
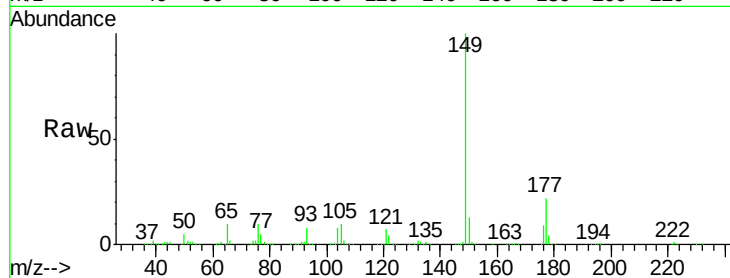
#59
Diethylphthalate
Concen: 69.844 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 1533067
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.7 10.1 15.1

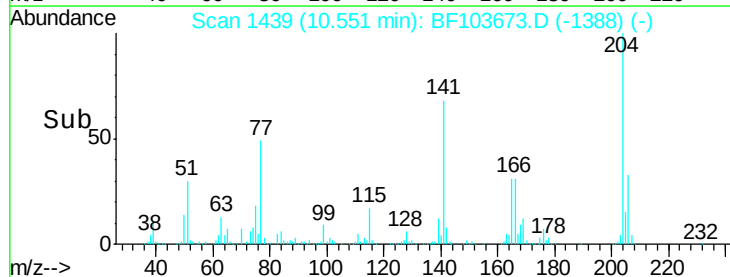
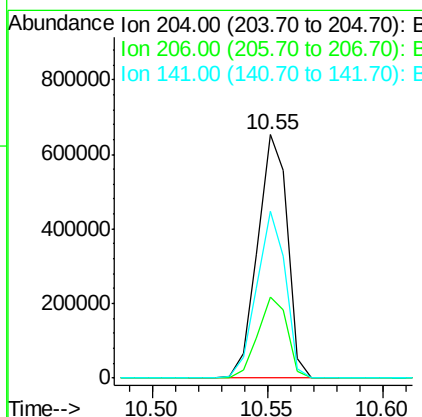
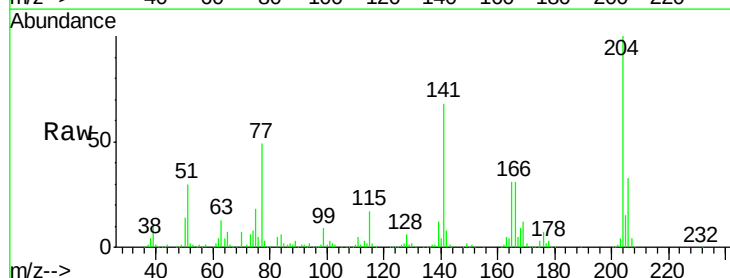
Manual Integrations
APPROVED

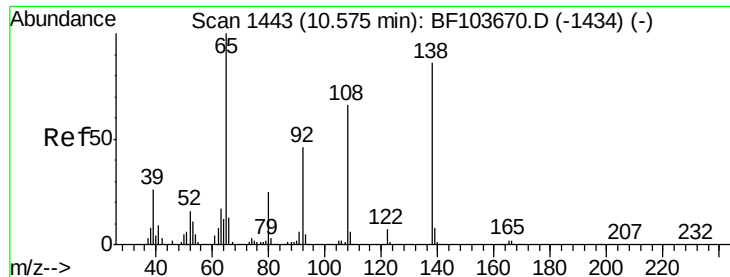
Sohil
3/16/2018 12:06:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 69.669 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:204 Resp: 587854
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 68.4 54.6 81.8





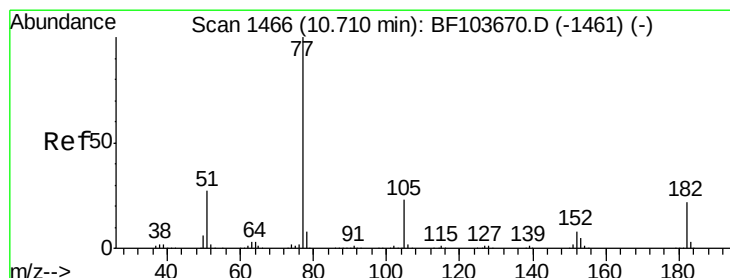
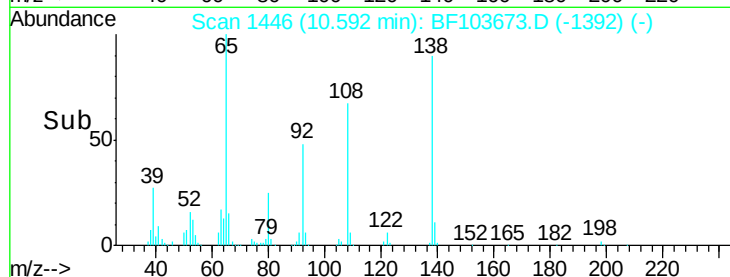
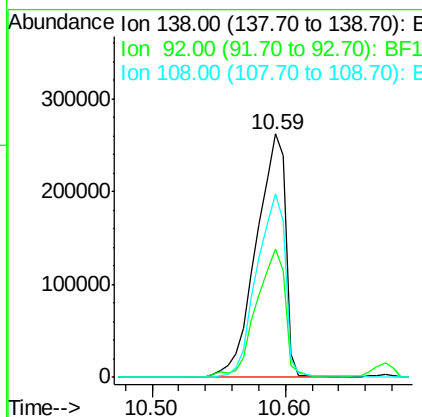
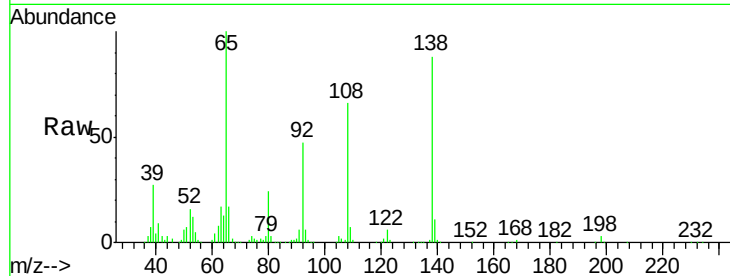
#61
4-Nitroaniline
Concen: 65.319 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.02 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.8	30.2	70.2
108	75.5	52.5	92.5

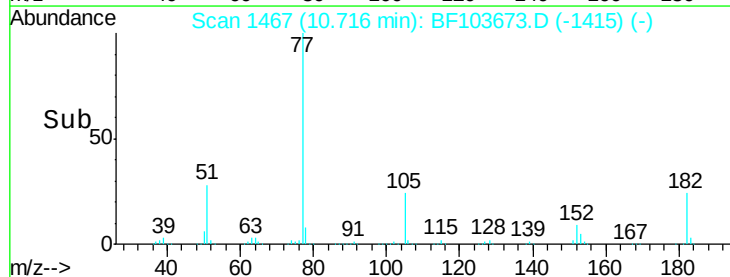
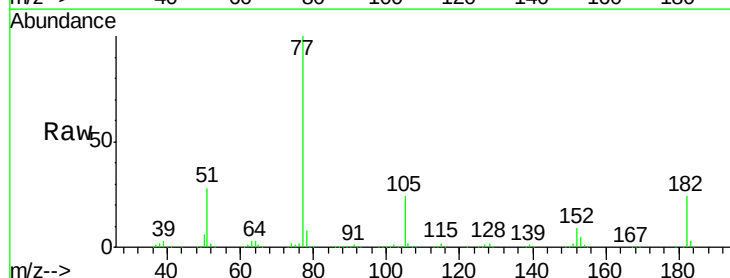
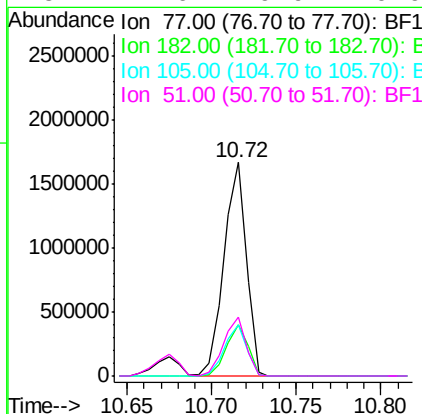
Manual Integrations
APPROVED

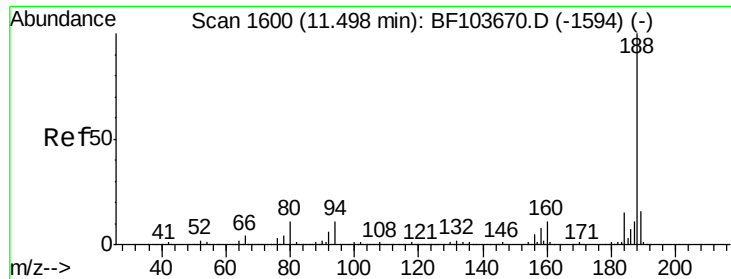
Sohil
3/16/2018 12:06:13 PM



#62
Azobenzene
Concen: 68.710 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.1	1.7	41.7
105	24.2	3.0	43.0
51	27.6	9.9	49.9





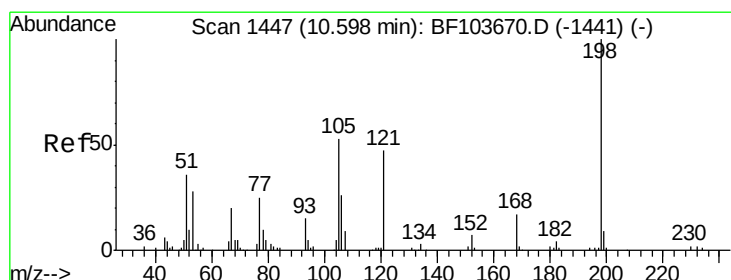
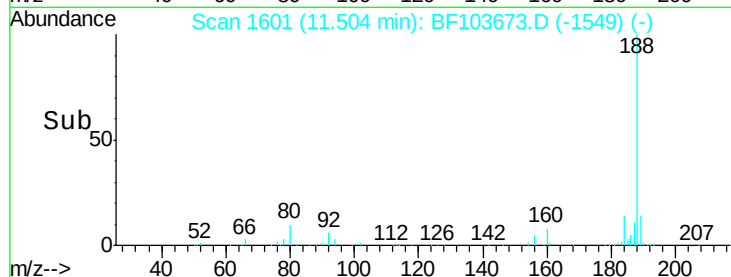
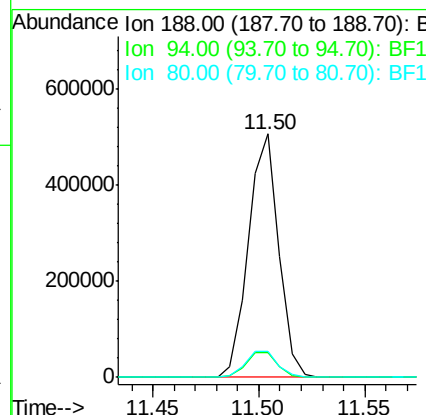
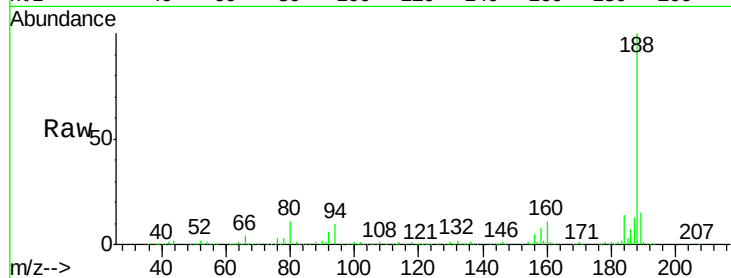
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
188	100	500788		
94	10.3		8.5	12.7
80	10.9		9.2	13.8

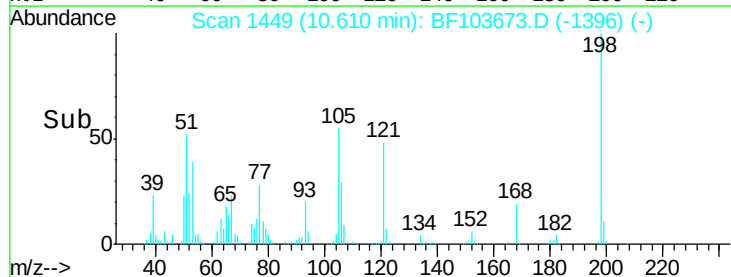
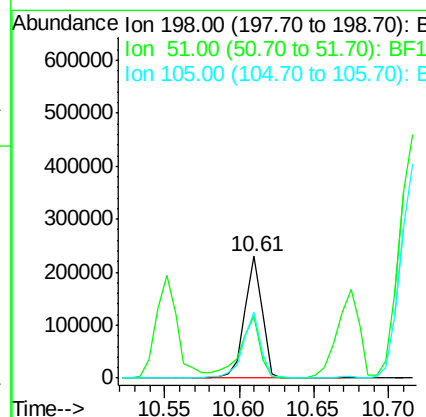
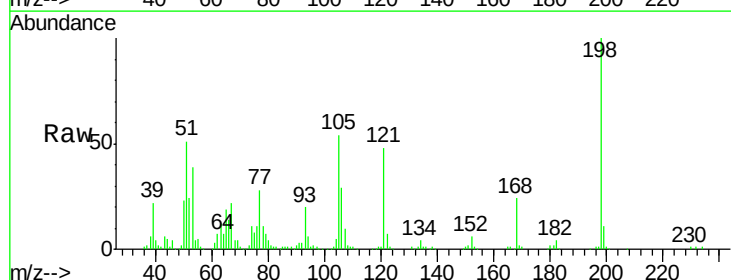
Manual Integrations
APPROVED

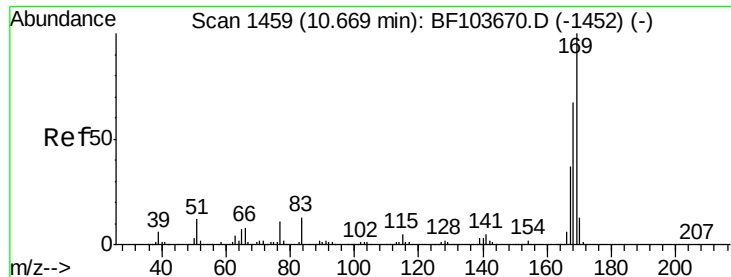
Sohil
3/16/2018 12:06:13 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 67.577 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	189226		
51	51.2		37.7	77.7
105	54.2		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 70.543 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:169 Resp: 1230041

Ion Ratio Lower Upper

169 100

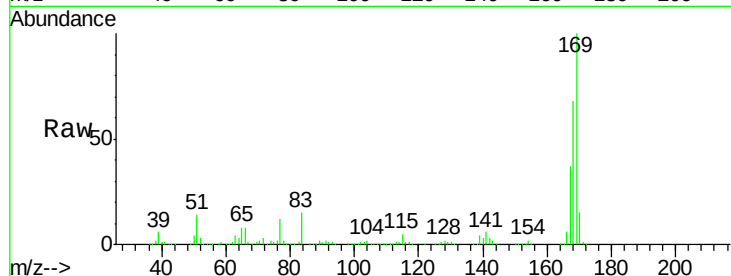
168 68.2 54.4 81.6

167 37.4 29.8 44.6

Manual Integrations
APPROVED

Sohil

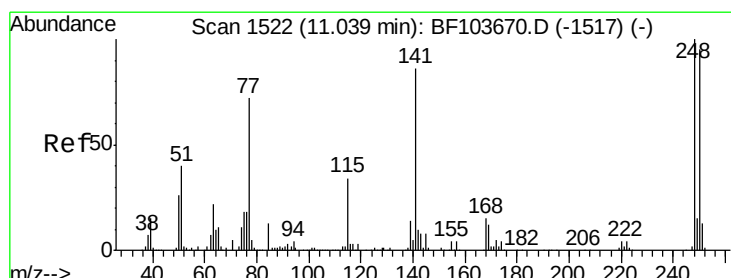
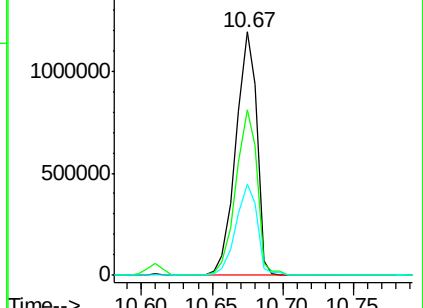
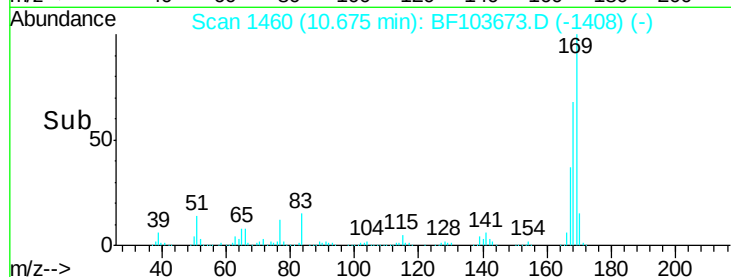
3/16/2018 12:06:13 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 71.862 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

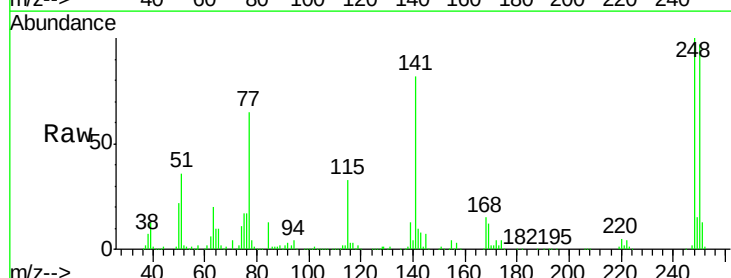
Tgt Ion:248 Resp: 374882

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

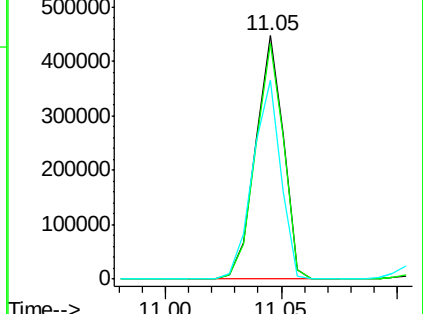
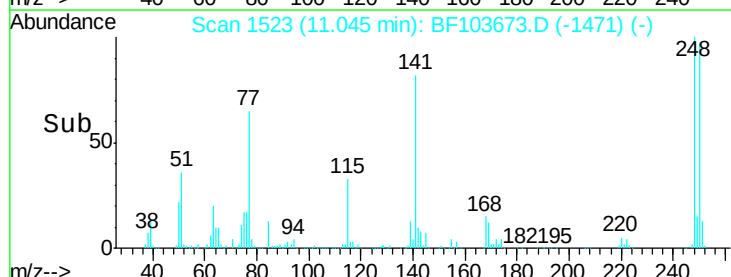
141 81.7 74.4 111.6

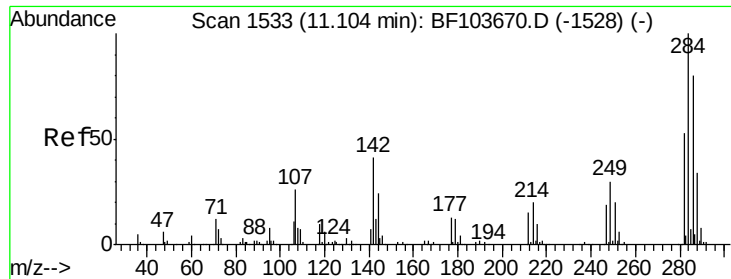


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





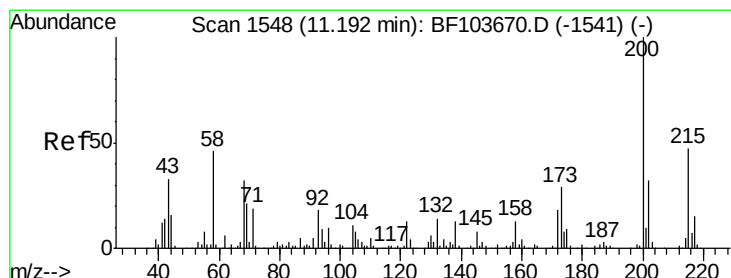
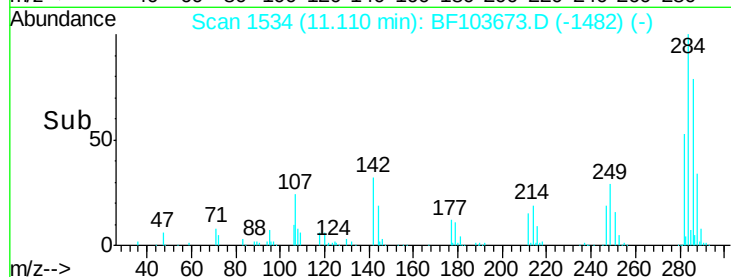
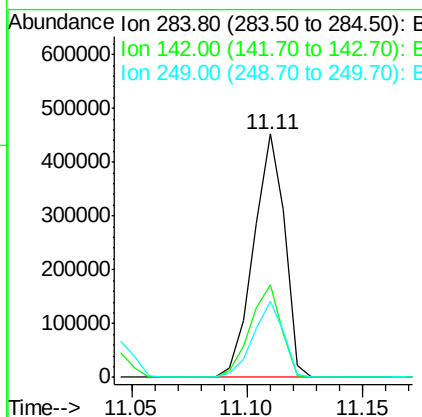
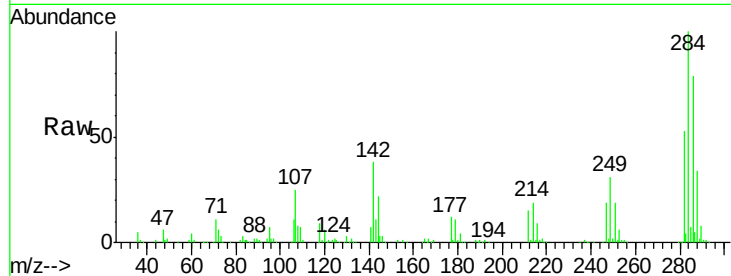
#67
Hexachlorobenzene
Concen: 74.832 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
284	100	423713		
142	38.0		34.6	52.0
249	31.0		24.8	37.2

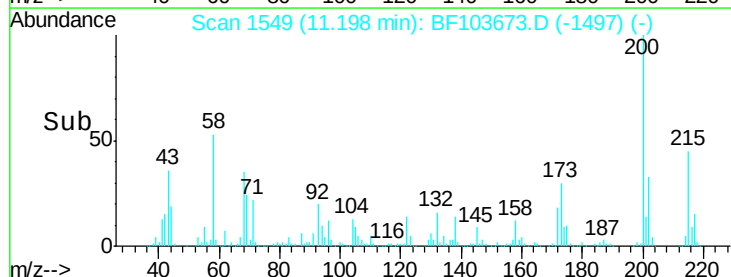
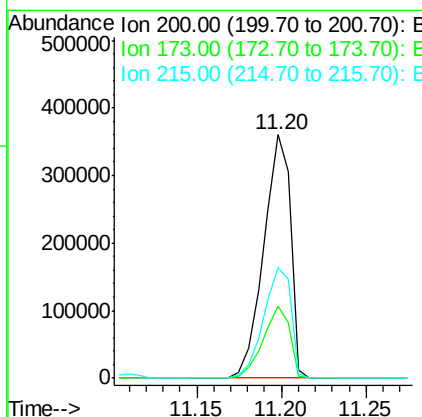
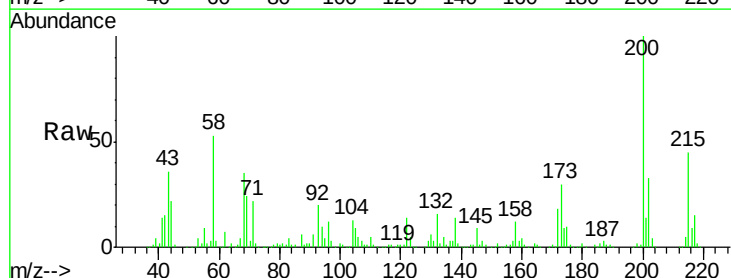
Manual Integrations
APPROVED

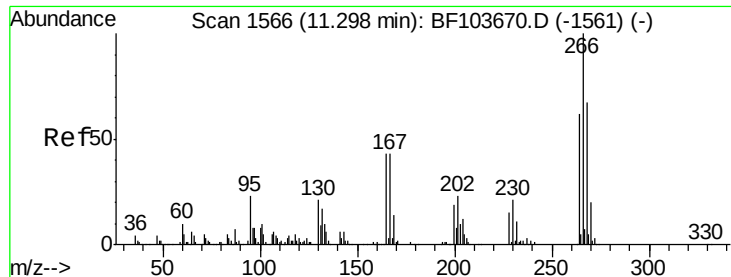
Sohil
3/16/2018 12:06:13 PM



#68
Atrazine
Concen: 74.874 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	392411		
173	29.8		8.6	48.6
215	45.1		25.1	65.1





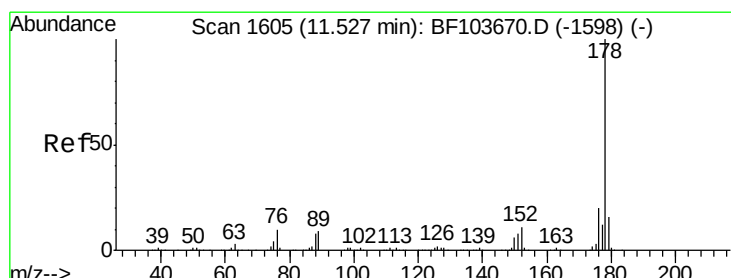
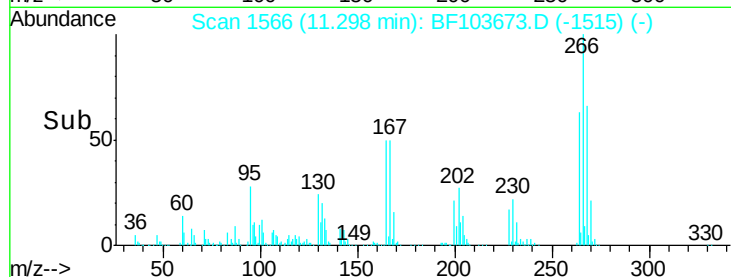
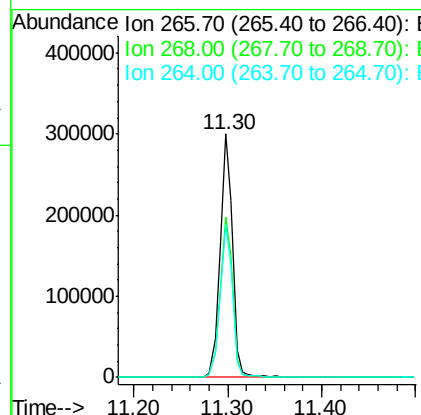
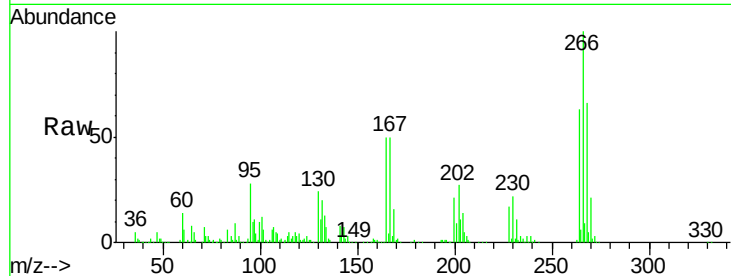
#69
 Pentachlorophenol
 Concen: 103.487 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100	283324		
268	66.0		51.1	76.7
264	62.7		49.5	74.3

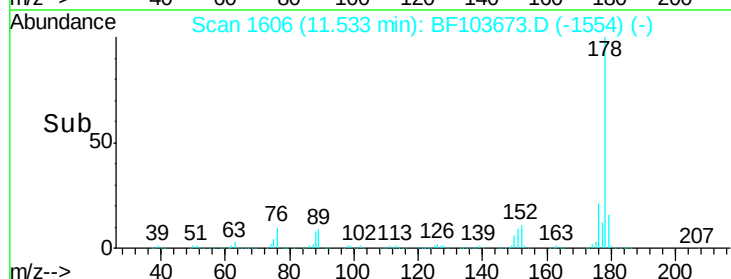
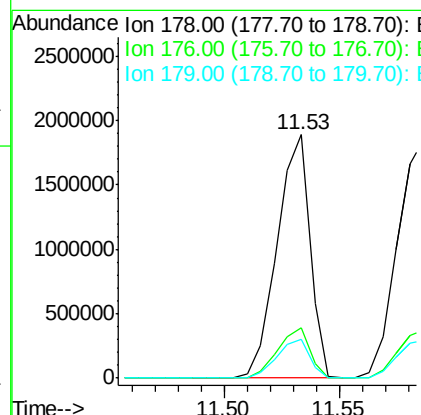
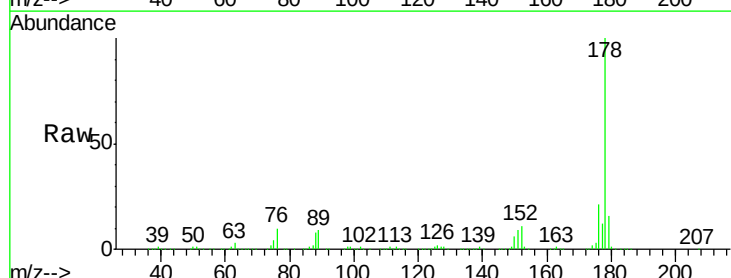
Manual Integrations
 APPROVED

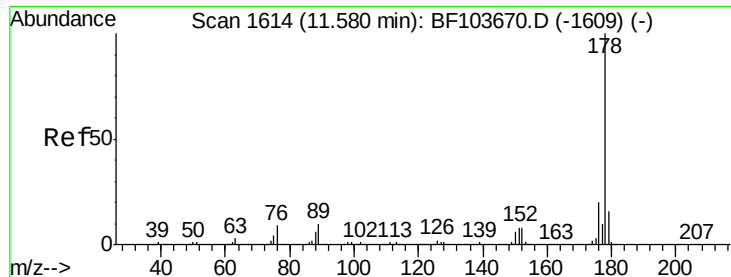
Sohil
 3/16/2018 12:06:13 PM



#70
 Phenanthrene
 Concen: 67.609 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1863303		
176	20.6		15.8	23.8
179	15.8		13.0	19.6





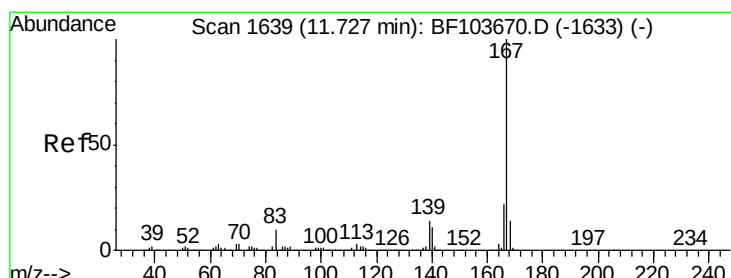
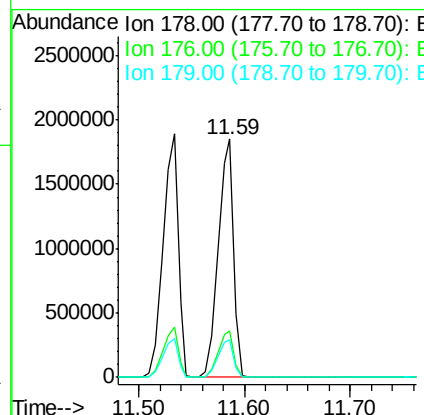
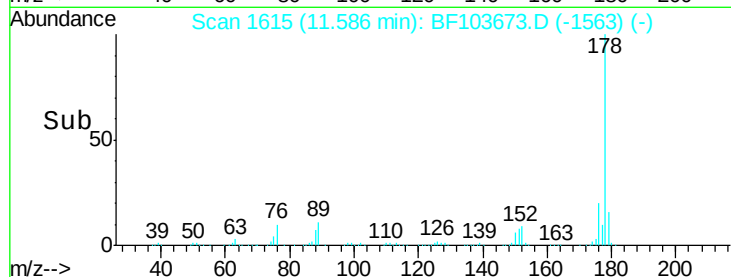
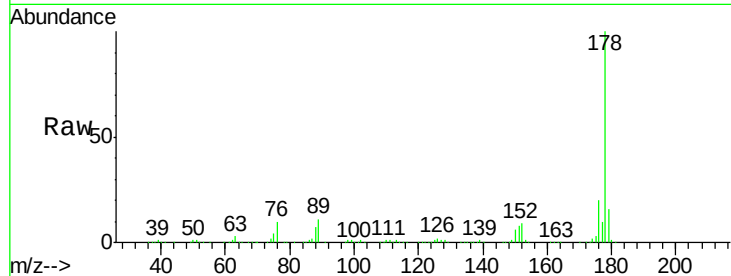
#71
 Anthracene
 Concen: 67.299 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 1901946
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.0 12.6 19.0

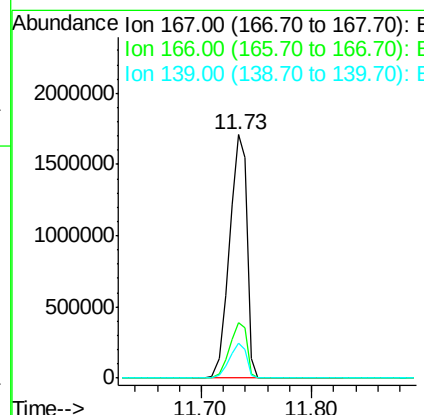
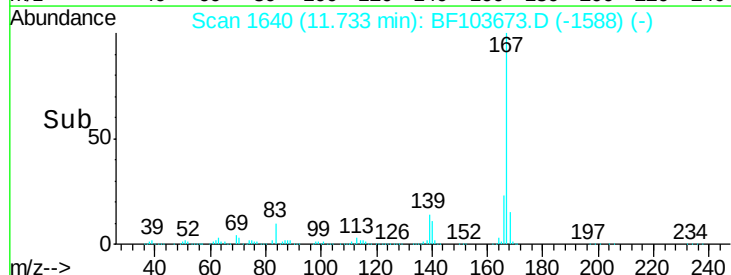
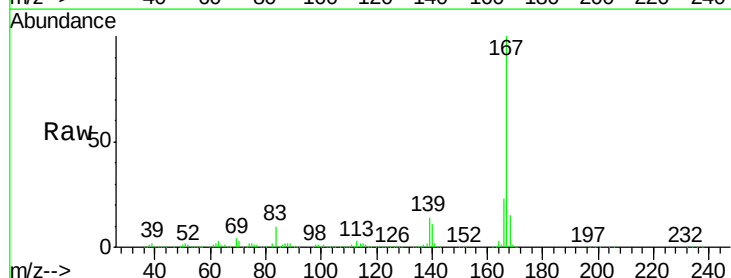
Manual Integrations
 APPROVED

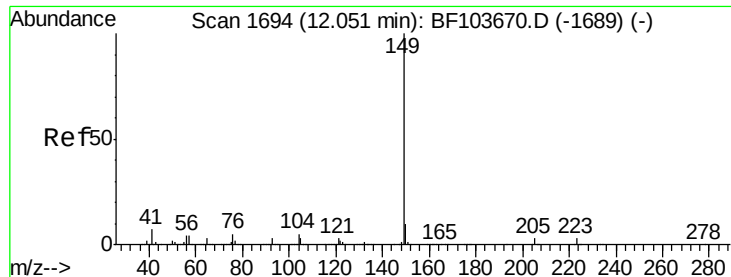
Sohil
 3/16/2018 12:06:13 PM



#72
 Carbazole
 Concen: 67.395 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion:167 Resp: 1896706
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 63.917 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2250866

Ion Ratio Lower Upper

149 100

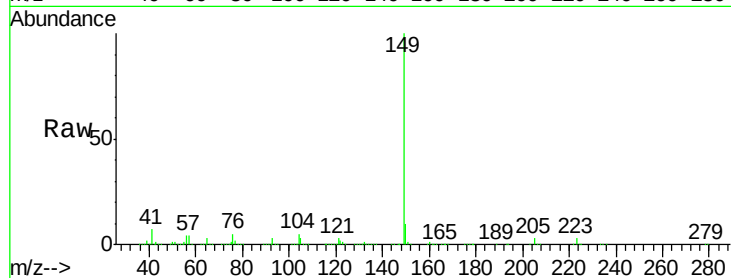
150 9.9 7.8 11.6

104 5.3 3.8 5.8

Manual Integrations
APPROVED

Sohil

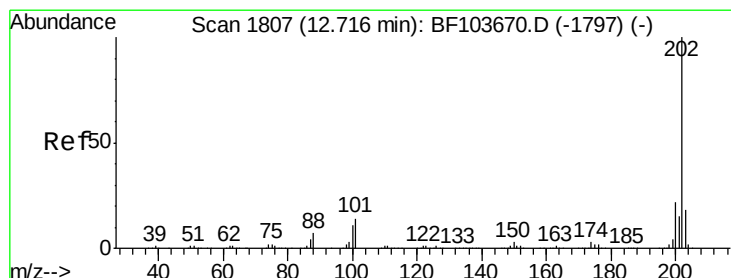
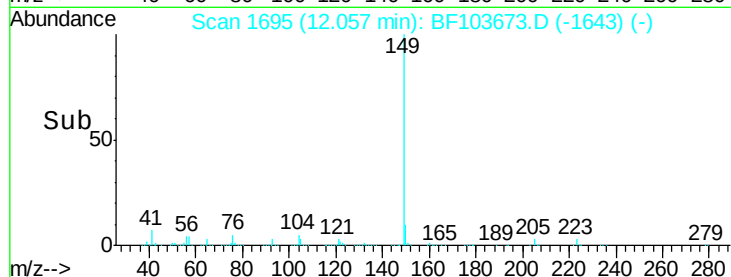
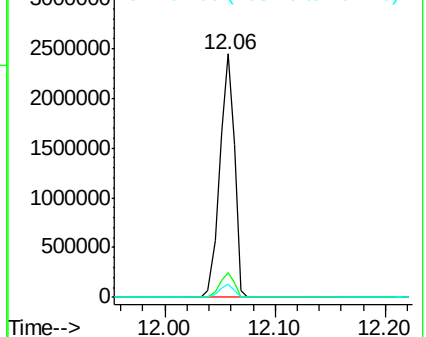
3/16/2018 12:06:13 PM



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: 69.504 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

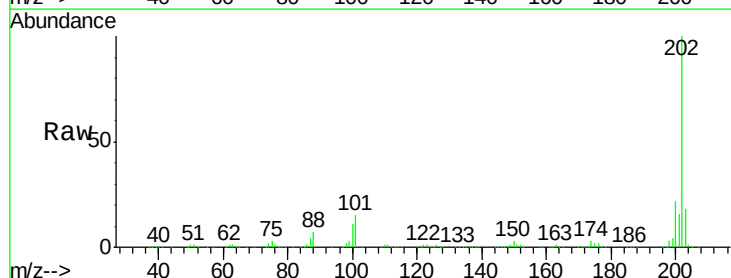
Tgt Ion:202 Resp: 1924902

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

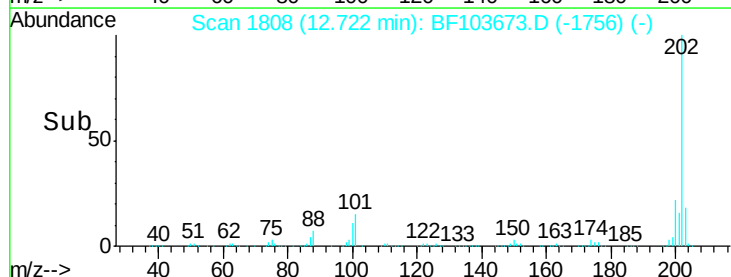
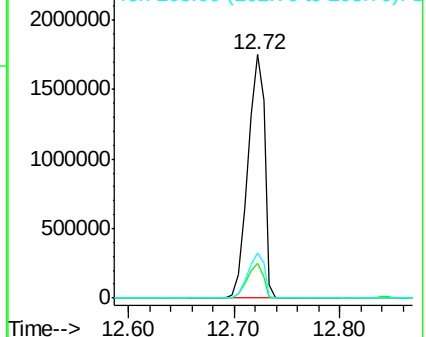
203 18.4 0.0 38.1

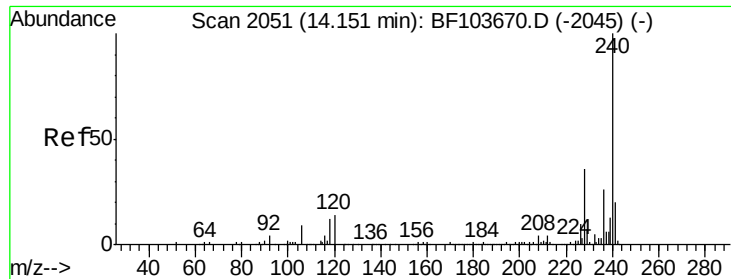


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2052

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

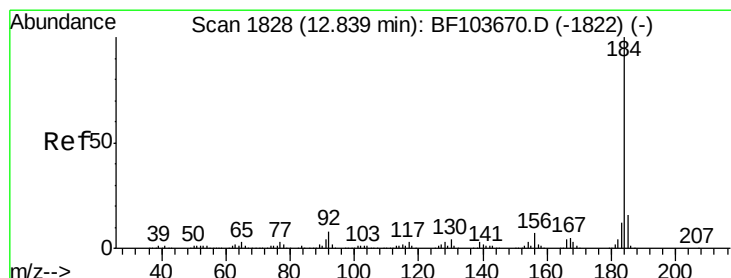
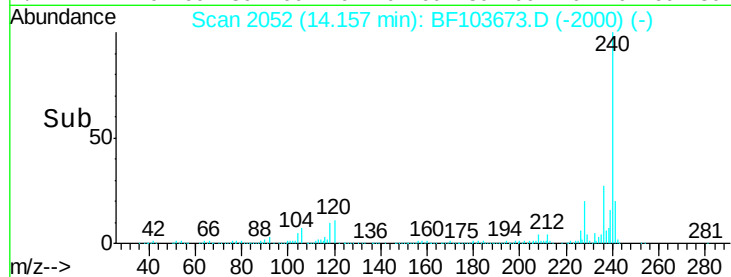
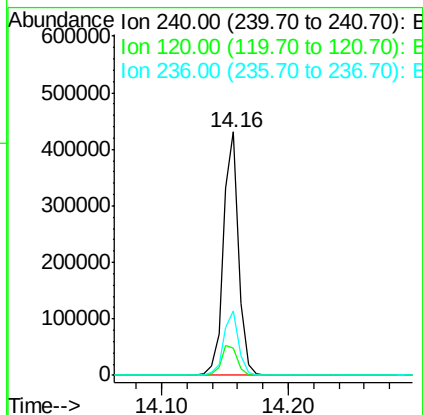
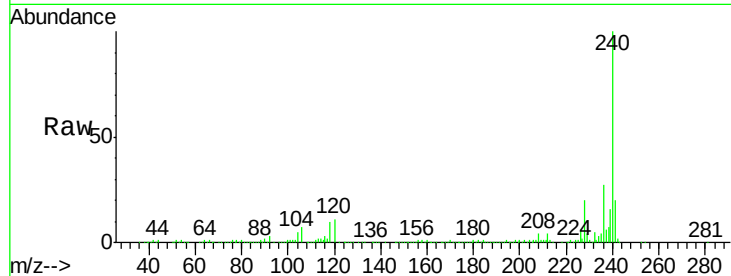
ClientSampleId :

SSTDICC080

Tot Ion:	240	Resp:	355874
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 86.541 ng

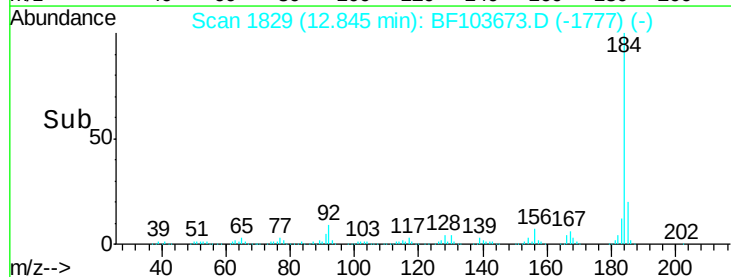
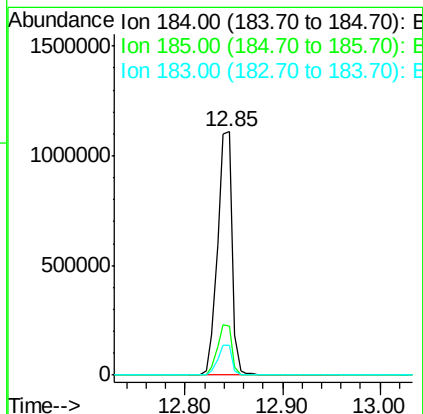
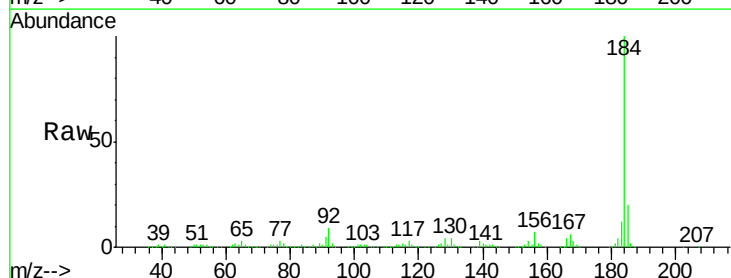
RT: 12.85 min Scan# 1829

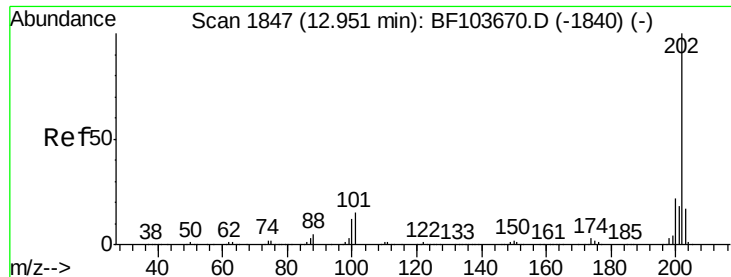
Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:	184	Resp:	1151383
Ion Ratio	Lower	Upper	
184	100		
185	20.0	12.6	18.8#
183	12.4	9.3	13.9





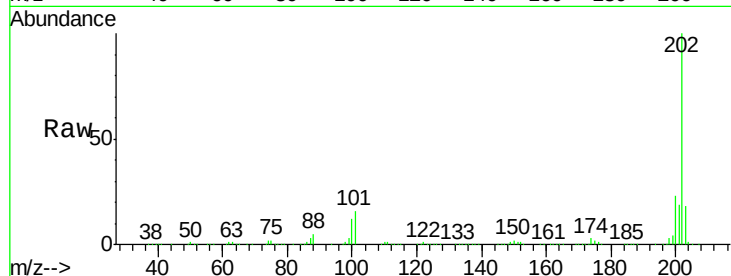
#77
Pvrene
Concen: 71.120 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

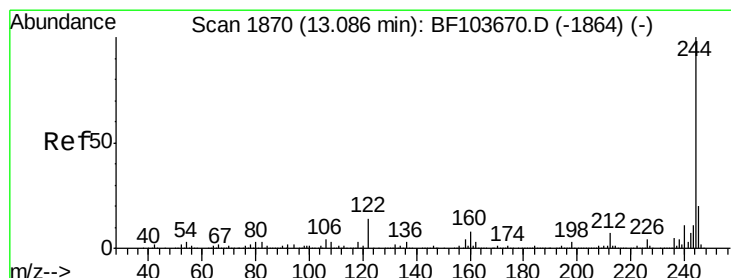
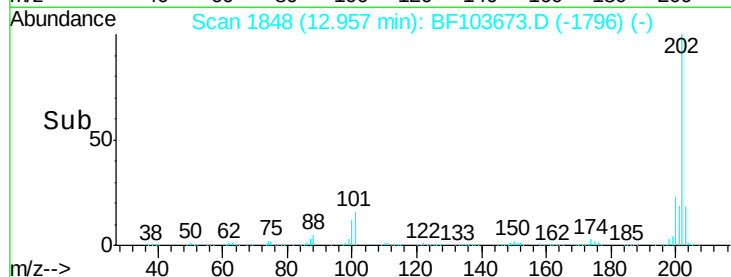
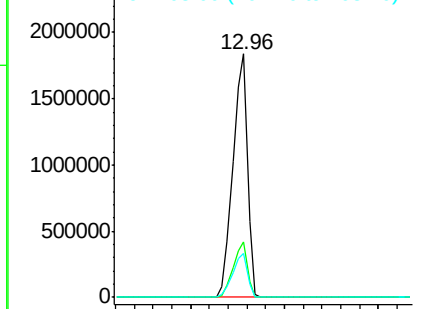
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	17.8	14.3	21.5

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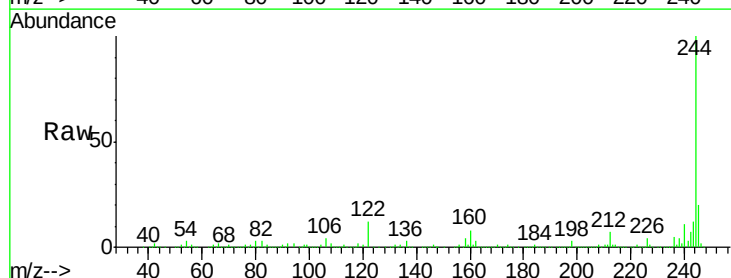


Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

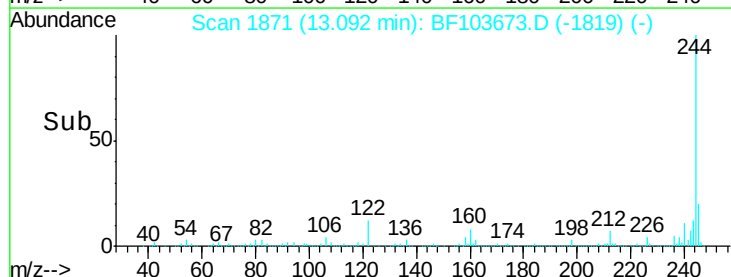
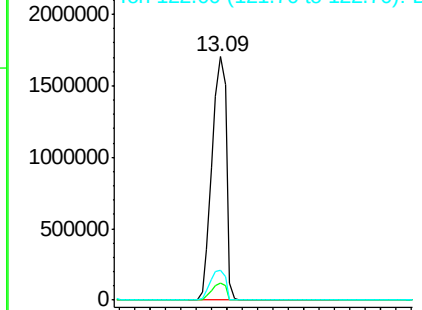


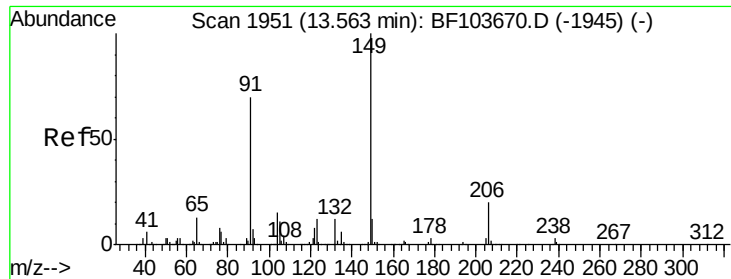
#78
Terphenyl-d14
Concen: 145.851 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.1	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





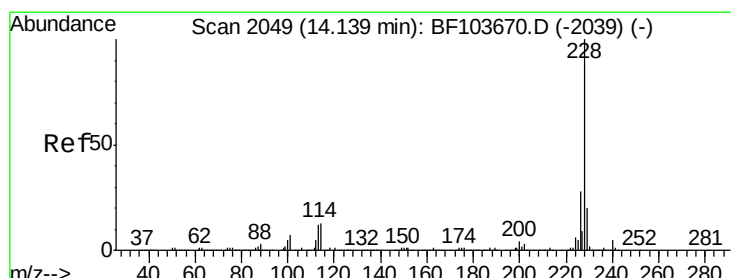
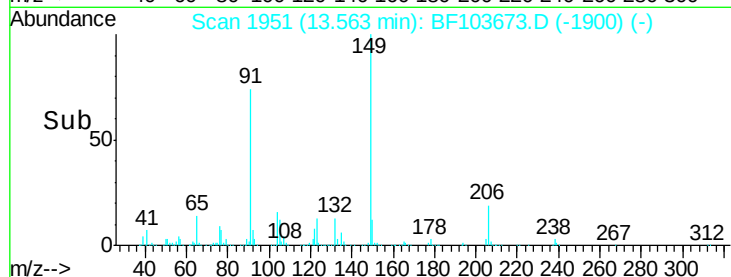
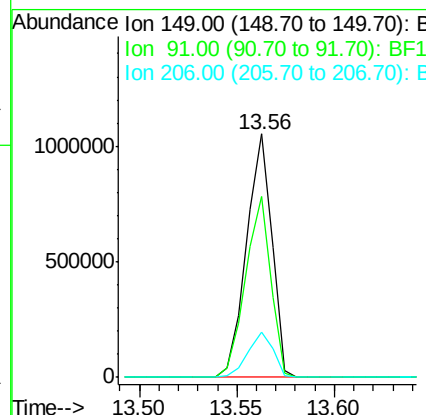
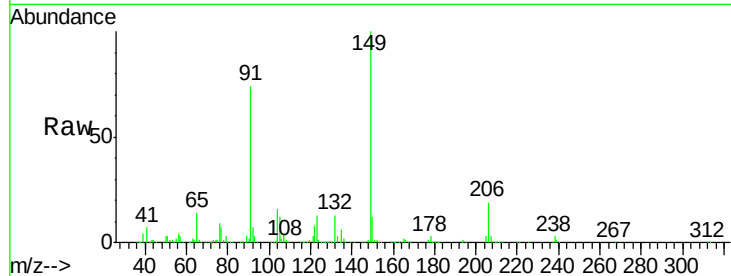
#79
Butylbenzylphthalate
Concen: 64.570 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	56.8	85.2
206	18.8	14.1	21.1

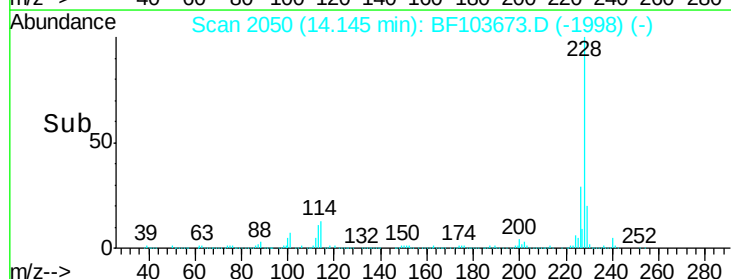
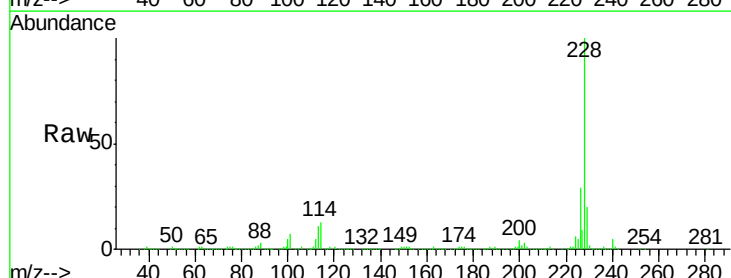
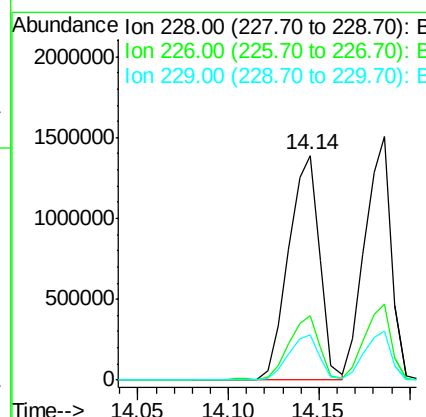
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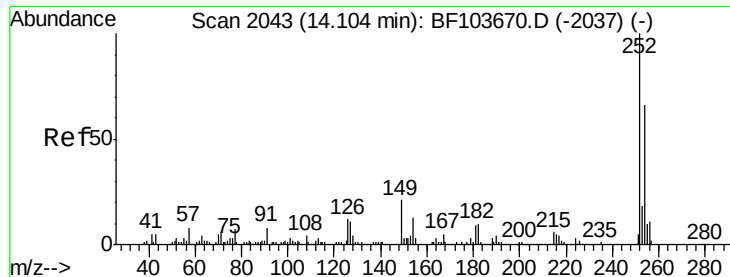
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#80
Benzo(a)anthracene
Concen: 72.095 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.3	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 65.279 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

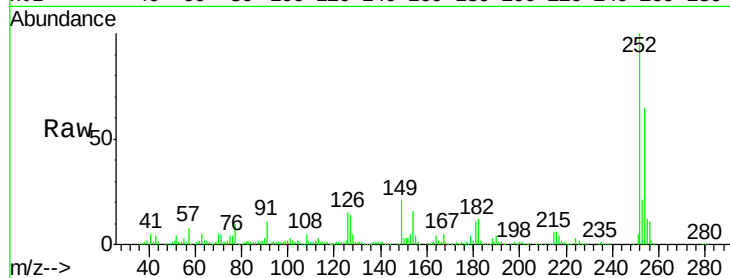
ClientSampleId :

SSTDIC080

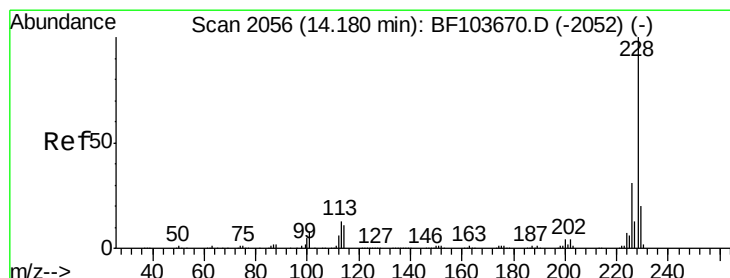
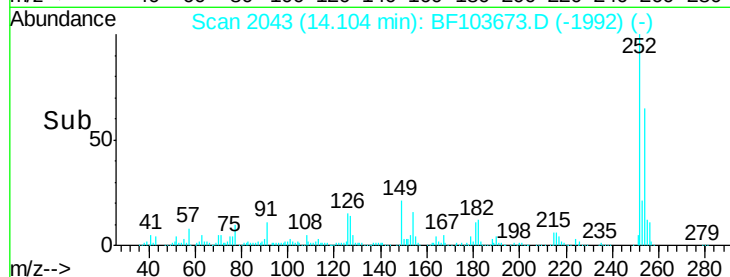
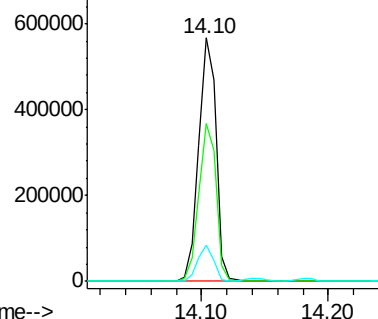
Tot Ion:	252	Resp:	537933
Ion Ratio		Lower	Upper
252	100		
254	64.8	50.4	75.6
126	14.7	11.3	16.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 68.168 ng

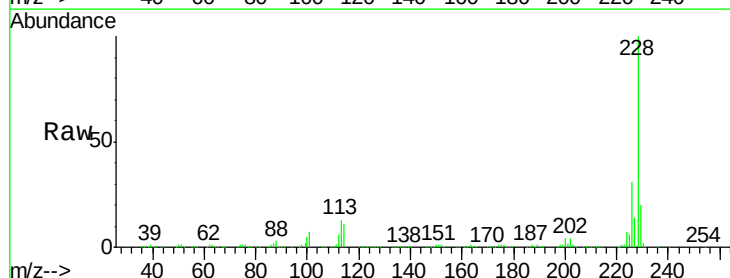
RT: 14.19 min Scan# 2057

Delta R.T. 0.01 min

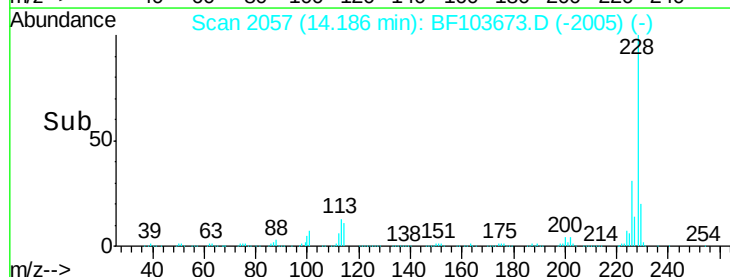
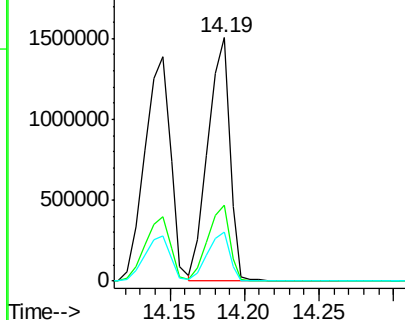
Lab File: BF103673.D

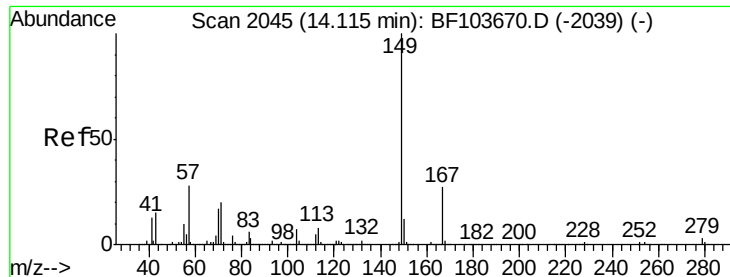
Acq: 15 Mar 2018 17:00

Tgt Ion:	228	Resp:	1528338
Ion Ratio		Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.1	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 63.251 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

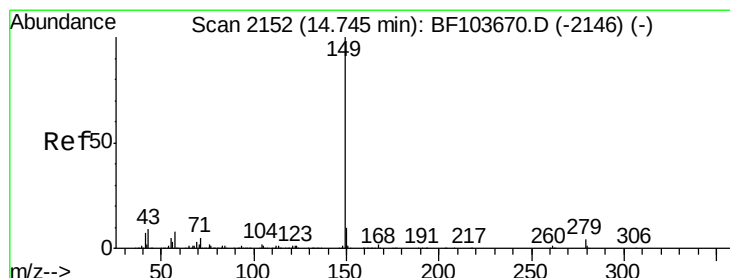
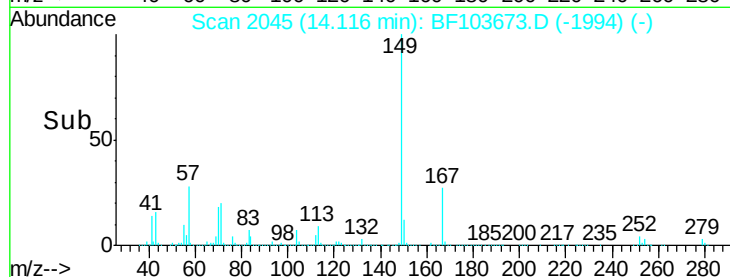
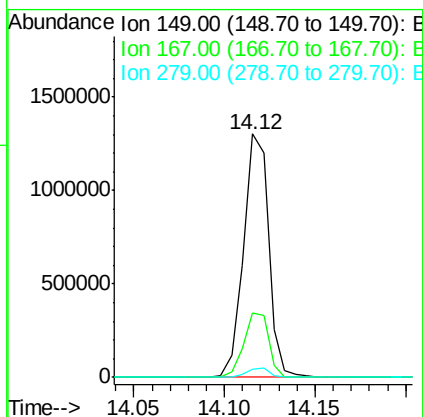
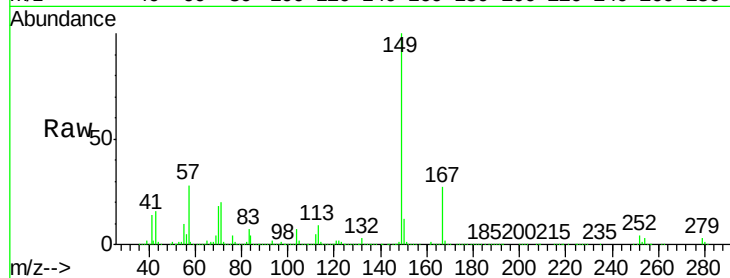
ClientSampleId :

SSTDIC080

Tot Ion:	149	Resp:	1251261
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.1	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 60.823 ng

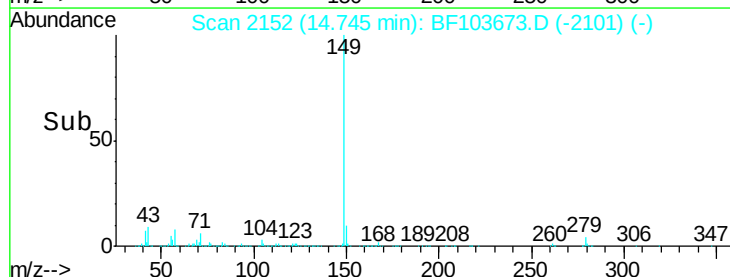
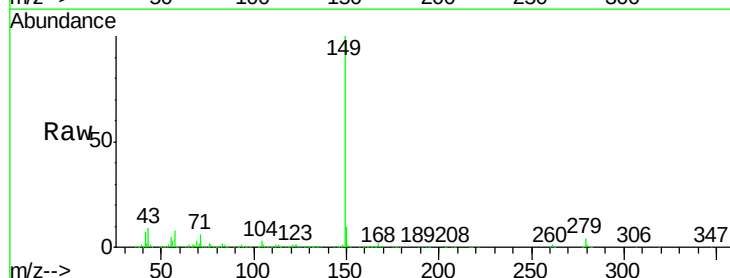
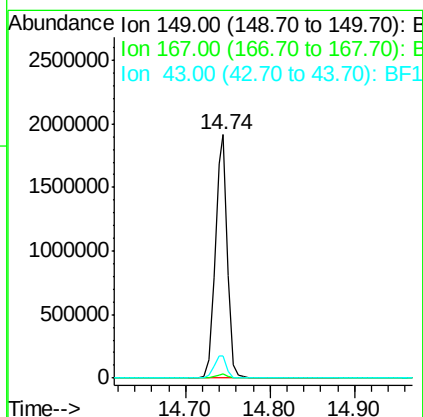
RT: 14.74 min Scan# 2152

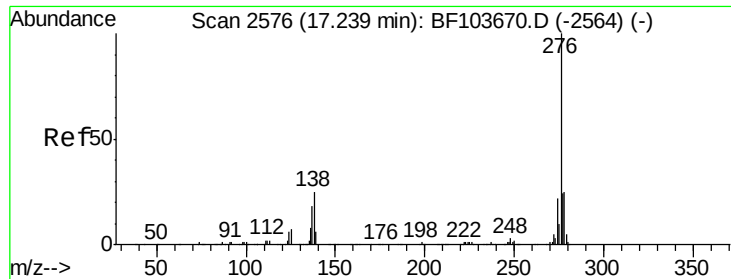
Delta R.T. 0.00 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:	149	Resp:	1944029
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.4	12.6





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 75.210 ng
 RT: 17.24 min Scan# 2577
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

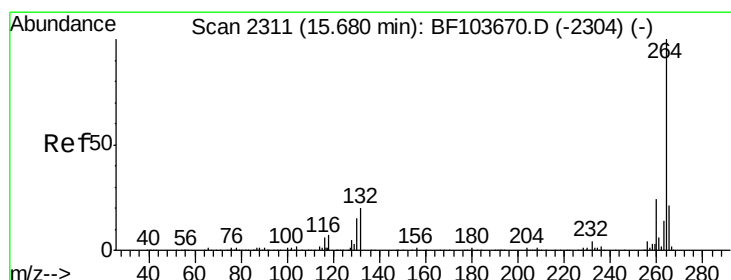
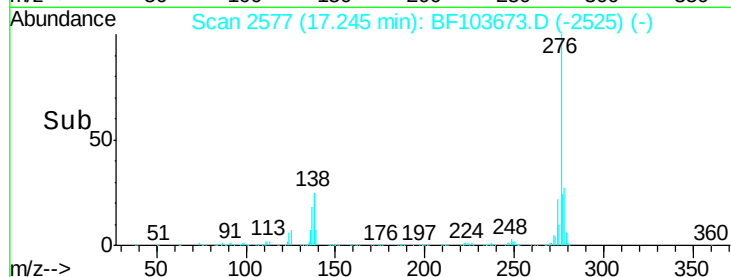
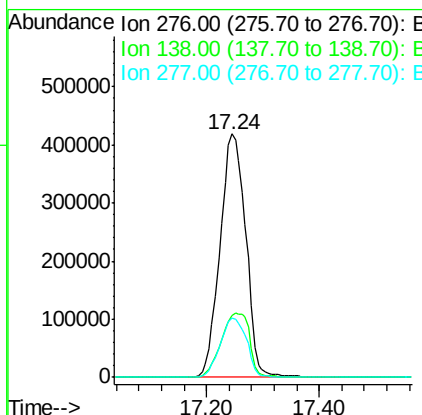
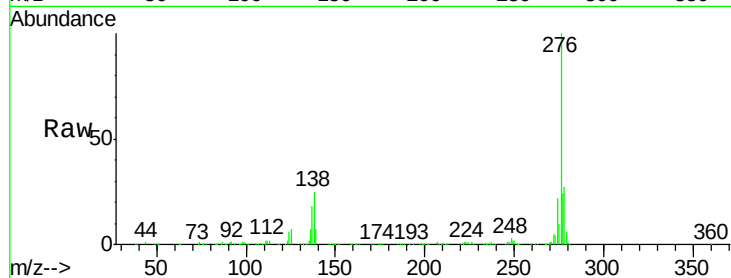
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:276 Resp: 1334949

Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	25.2	20.1	30.1

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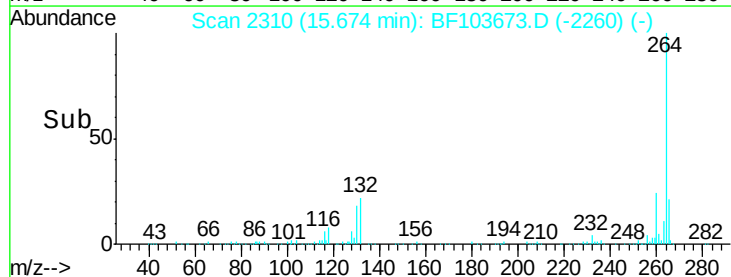
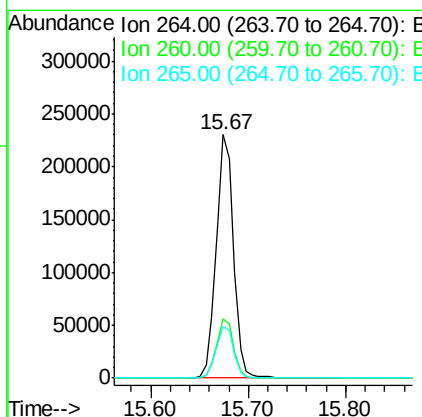
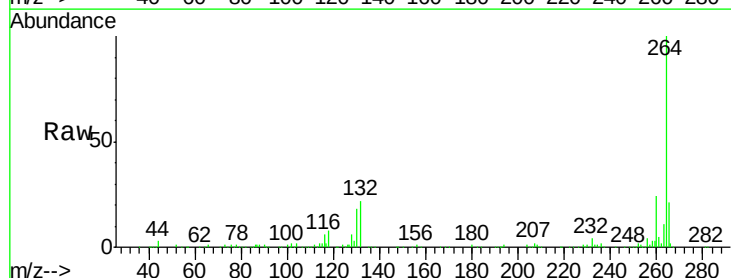
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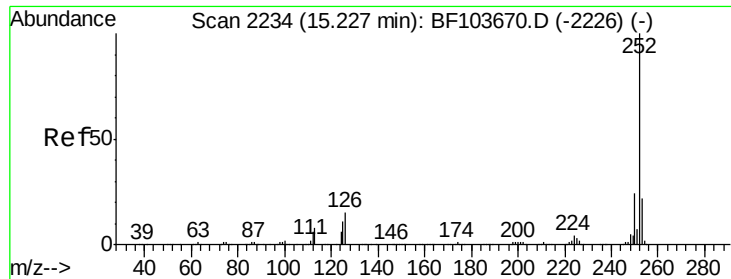


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion:264 Resp: 283266

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3





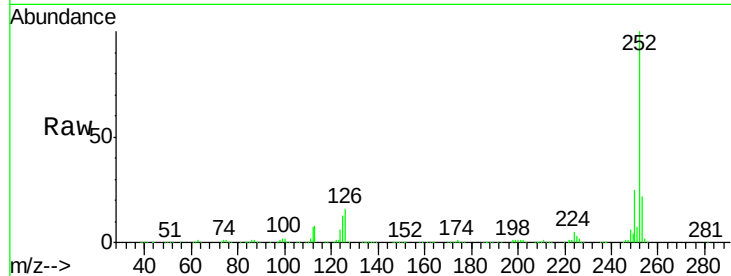
#87
Benzo(b)fluoranthene
Concen: 79.594 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampled :
SSTDICC080

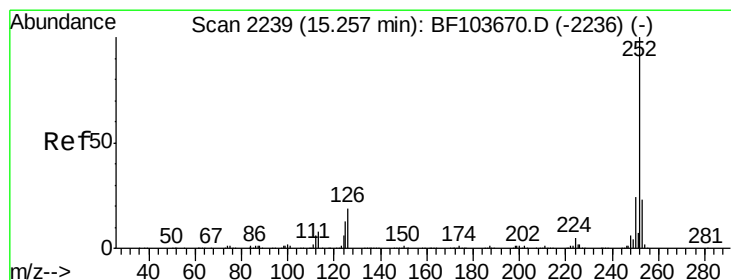
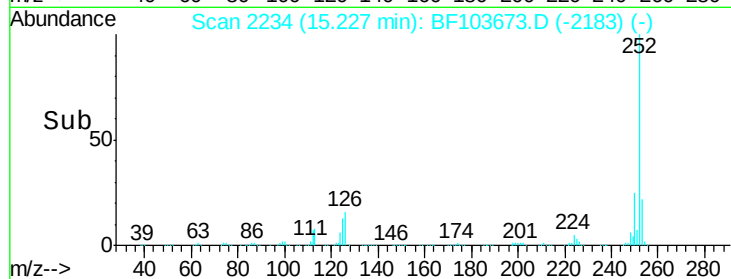
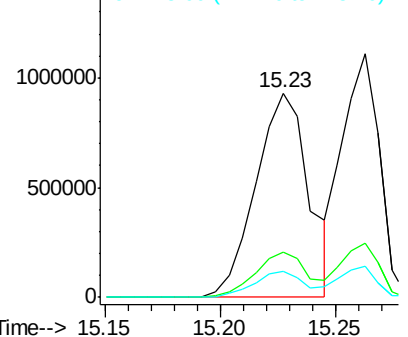
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.8	9.0	13.6

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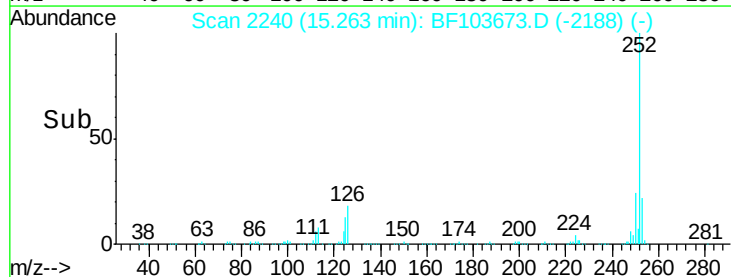
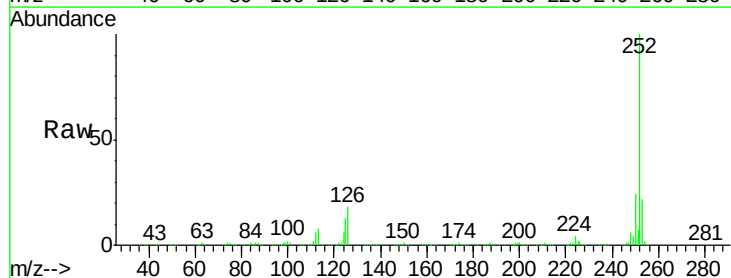
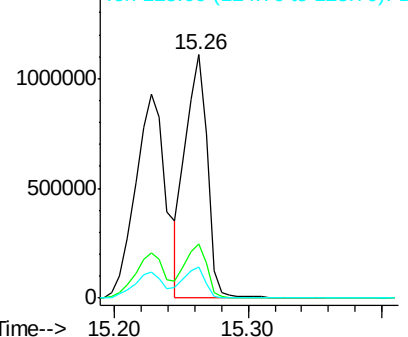
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

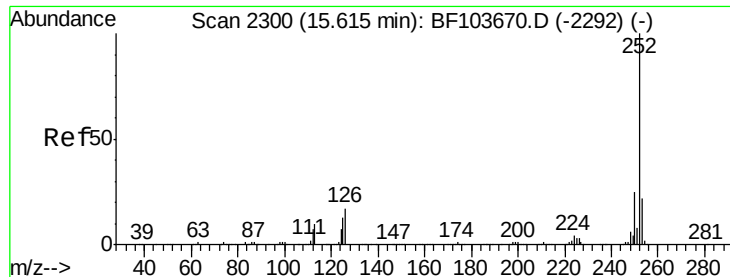


#88
Benzo(k)fluoranthene
Concen: 71.574 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.9	10.2	15.2

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





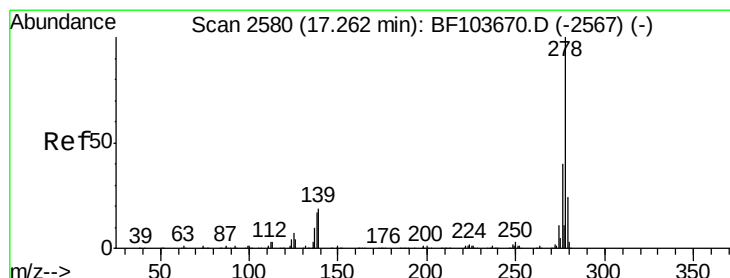
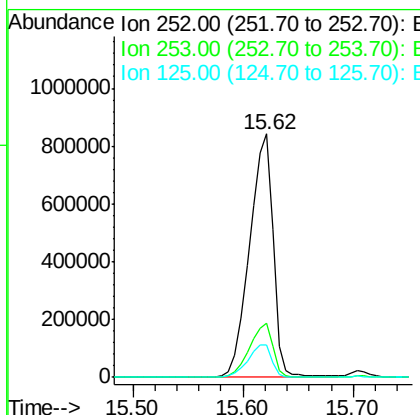
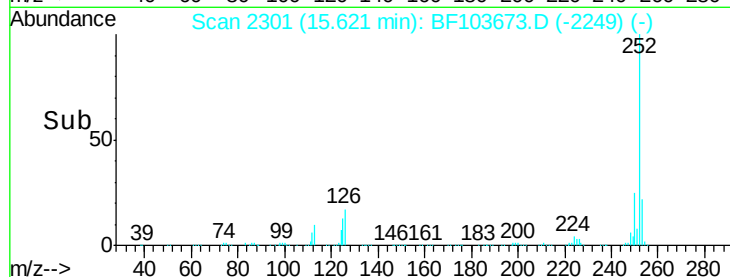
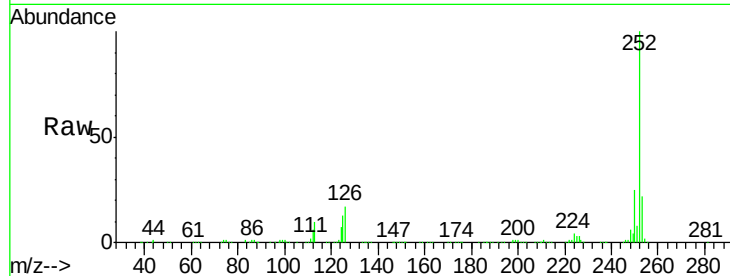
#89
Benzo(a)pyrene
Concen: 76.509 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:252 Resp: 1272483
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.3 9.8 14.6

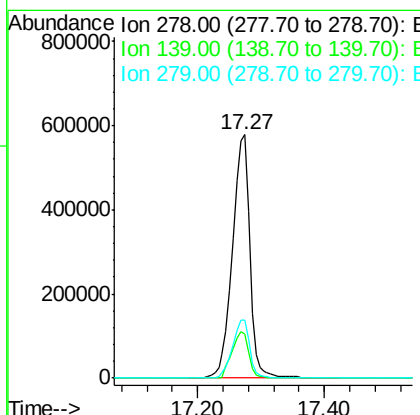
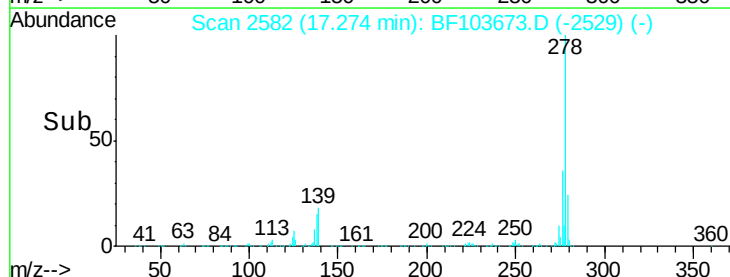
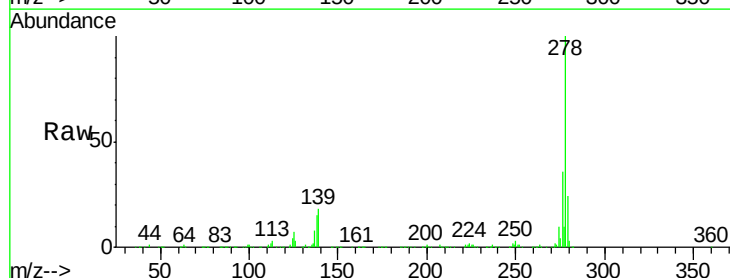
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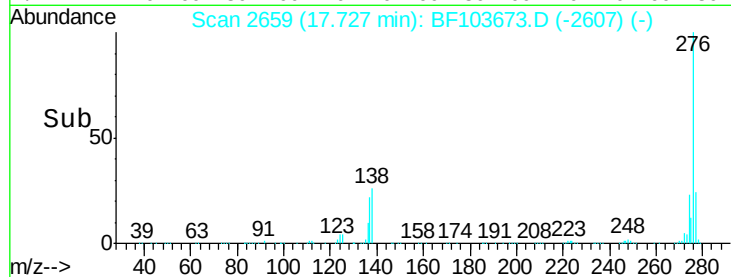
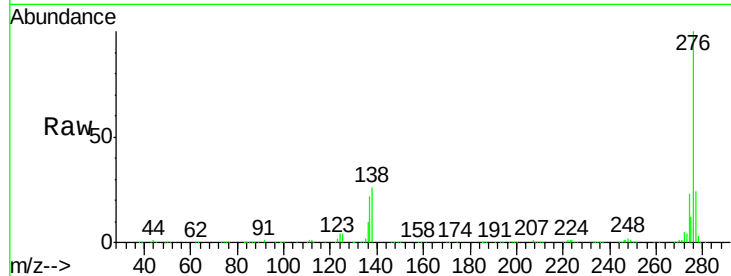
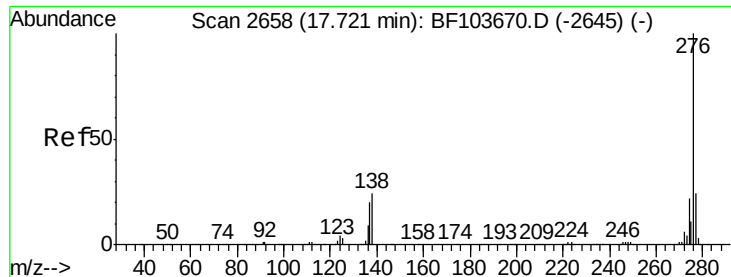
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#90
Dibenzo(a,h)anthracene
Concen: 85.055 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:278 Resp: 1093084
Ion Ratio Lower Upper
278 100
139 17.9 15.9 23.9
279 23.7 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 86.983 ng
 RT: 17.73 min Scan# 2659
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tot Ion:	276	Resp:	1092537
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	26.3	21.8	32.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:06:13 PM

