

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104071.D
 Acq On : 30 Mar 2018 1:06
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/30/2018 6:02:57 PM

Quant Time: Mar 30 09:22:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	98002	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	403152	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	175558	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	263662	20.00	ng	0.00
75) Chrysene-d12	14.16	240	188273	20.00	ng	0.00
86) Perylene-d12	15.70	264	208005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	438937	71.43	ng	0.00
7) Phenol-d6	6.60	99	573439	75.85	ng	0.00
23) Nitrobenzene-d5	7.53	82	523533	79.42	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	128568	65.77	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	993766	89.26	ng	0.00
78) Terphenyl-d14	13.08	244	653338	80.12	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.79	88	92140	34.764	ng	Qvalue # 90
3) Pyridine	3.60	79	226305m	33.728	ng	
4) n-Nitrosodimethylamine	3.57	42	65087m	32.635	ng	
6) Aniline	6.64	93	335520	37.070	ng	92
8) 2-Chlorophenol	6.76	128	274579	40.732	ng	94
9) Benzaldehyde	6.53	77	196094	59.801	ng	96
10) Phenol	6.62	94	298035	35.577	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	310221	42.974	ng	89
12) 1,3-Dichlorobenzene	6.91	146	284613	37.560	ng	97
13) 1,4-Dichlorobenzene	6.99	146	331377	40.813	ng	99
14) 1,2-Dichlorobenzene	7.13	146	293533	40.222	ng	98
15) Benzyl Alcohol	7.11	79	167752	34.125	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	305978	38.907	ng	65
17) 2-Methylphenol	7.22	107	216737	39.503	ng	95
18) Hexachloroethane	7.47	117	94269	34.677	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	177545	39.570	ng	91
20) 3+4-Methylphenols	7.37	107	267909	38.261	ng	# 84
22) Acetophenone	7.37	105	393145	40.305	ng	# 98
24) Nitrobenzene	7.56	77	272193	39.243	ng	95
25) Isophorone	7.78	82	463751	38.172	ng	99
26) 2-Nitrophenol	7.87	139	129984	35.901	ng	95
27) 2,4-Dimethylphenol	7.90	122	202002	38.685	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	290227	38.116	ng	100
29) 2,4-Dichlorophenol	8.11	162	212029	38.876	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	246259	39.795	ng	98
31) Naphthalene	8.27	128	818969	41.582	ng	99
32) Benzoic acid	8.02	122	109254m	28.561	ng	
33) 4-Chloroaniline	8.33	127	309366	37.258	ng	97
34) Hexachlorobutadiene	8.37	225	133982	39.787	ng	99
35) Caprolactam	8.69	113	58226	33.669	ng	# 78
36) 4-Chloro-3-methylphenol	8.80	107	218553	37.885	ng	98
37) 2-Methylnaphthalene	8.96	142	487134	37.549	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	225171	41.826	ng	98
40) Hexachlorocyclopentadiene	9.10	237	29342	16.186	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
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 Misc :
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 BNA_F
 ClientSampleId :
 SSTDC040

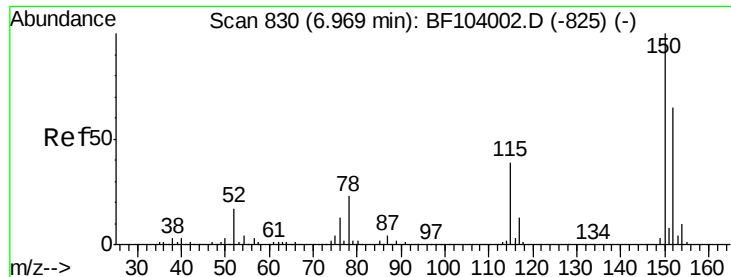
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	127160	37.302	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	161078	39.134	ng	97
45) 1,1'-Biphenyl	9.42	154	625678	41.524	ng	98
46) 2-Chloronaphthalene	9.45	162	479254	40.323	ng	98
47) 2-Nitroaniline	9.56	65	131935	38.929	ng	95
48) Acenaphthylene	9.87	152	707266	39.279	ng	100
49) Dimethylphthalate	9.72	163	554536	40.007	ng	99
50) 2,6-Dinitrotoluene	9.79	165	110211	36.958	ng	90
51) Acenaphthene	10.04	154	412460	39.597	ng	99
52) 3-Nitroaniline	9.97	138	131152	38.259	ng	99
53) 2,4-Dinitrophenol	10.10	184	9167	12.123	ng #	76
54) Dibenzofuran	10.22	168	579457	38.094	ng	99
55) 4-Nitrophenol	10.15	139	52089	25.342	ng	96
56) 2,4-Dinitrotoluene	10.20	165	135746	35.674	ng #	95
57) Fluorene	10.56	166	462810	36.885	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	110794	35.928	ng #	86
59) Diethylphthalate	10.42	149	522010	39.312	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	226750	39.346	ng	94
61) 4-Nitroaniline	10.60	138	108824	33.928	ng	93
62) Azobenzene	10.70	77	437776	36.460	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	22613	14.168	ng	91
65) n-Nitrosodiphenylamine	10.67	169	409960	45.911	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	129484	45.903	ng #	88
67) Hexachlorobenzene	11.10	284	132719	40.902	ng #	90
68) Atrazine	11.19	200	107511	39.301	ng	98
69) Pentachlorophenol	11.30	266	57298m	32.090	ng	
70) Phenanthrene	11.53	178	545541	38.217	ng	97
71) Anthracene	11.58	178	596337	39.994	ng	100
72) Carbazole	11.74	167	526772	37.015	ng	99
73) Di-n-butylphthalate	12.04	149	717779	42.343	ng	98
74) Fluoranthene	12.72	202	498520	32.854	ng	97
76) Benzdine	12.85	184	223725	41.698	ng	98
77) Pyrene	12.95	202	496334	36.673	ng	98
79) Butylbenzylphthalate	13.55	149	224827	35.260	ng	93
80) Benzo(a)anthracene	14.14	228	443680	37.662	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	164124	42.089	ng	98
82) Chrysene	14.19	228	461852	40.027	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	302264	36.689	ng	100
84) Di-n-octyl phthalate	14.73	149	507219	35.791	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	502724	42.045	ng	96
87) Benzo(b)fluoranthene	15.24	252	455086	35.950	ng	98
88) Benzo(k)fluoranthene	15.27	252	497197	41.694	ng	100
89) Benzo(a)pyrene	15.63	252	450666	38.417	ng	98
90) Dibenzo(a,h)anthracene	17.30	278	432314	39.859	ng	98
91) Benzo(g,h,i)perylene	17.77	276	397135	36.556	ng	96

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



#1

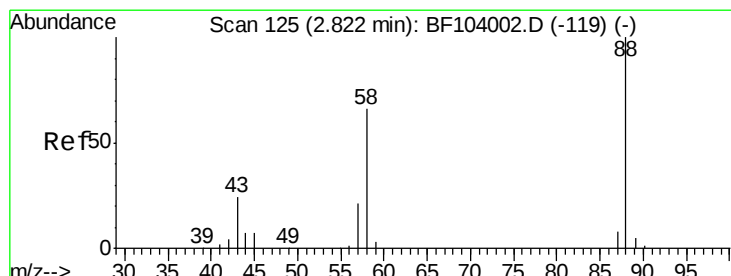
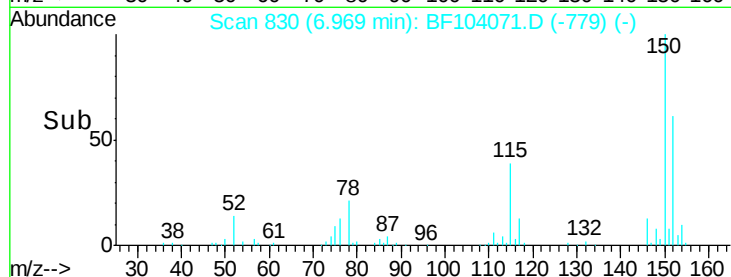
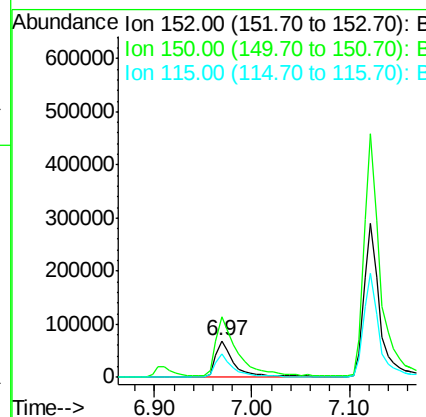
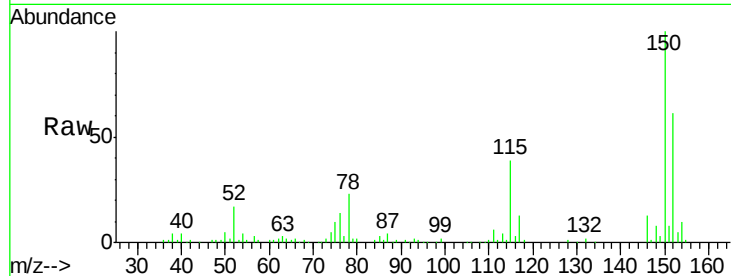
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.0	124.6	186.8
115	64.4	50.1	75.1

Manual Integrations
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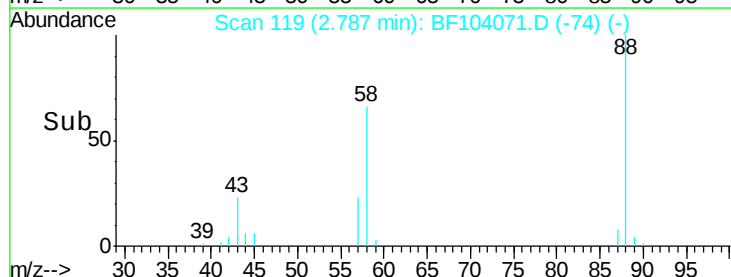
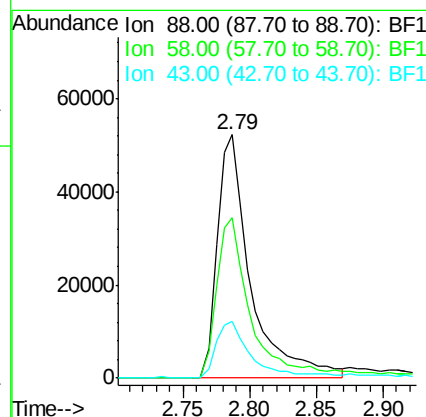
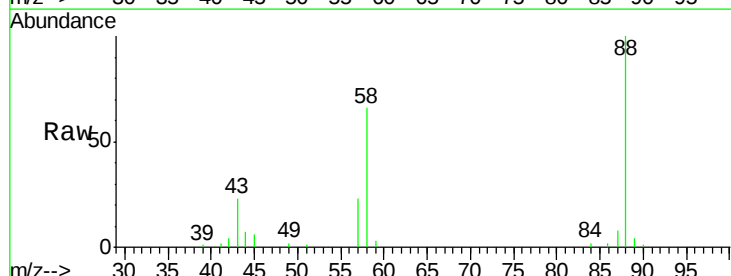
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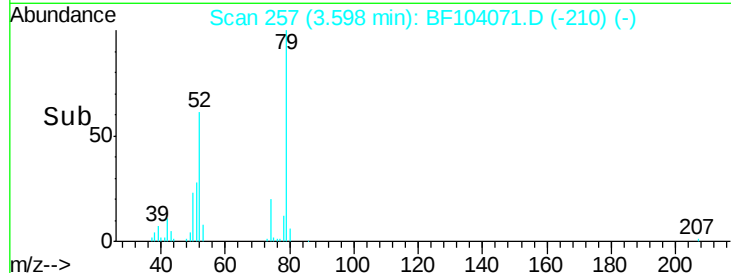
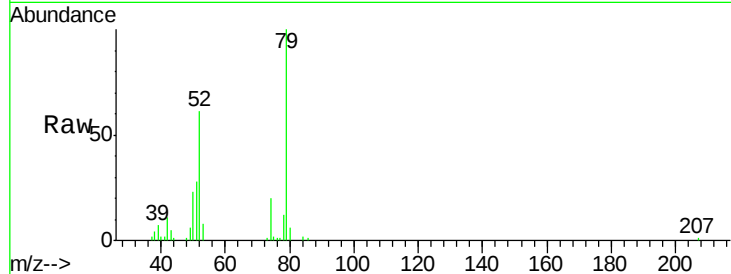
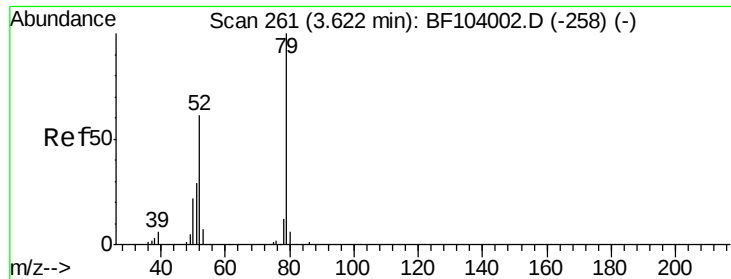


#2

1,4-Dioxane
Concen: 34.764 ng
RT: 2.79 min Scan# 119
Delta R.T. -0.04 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	62.6	93.8
43	23.5	24.6	37.0





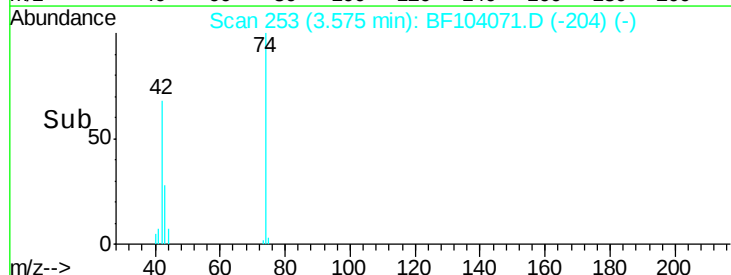
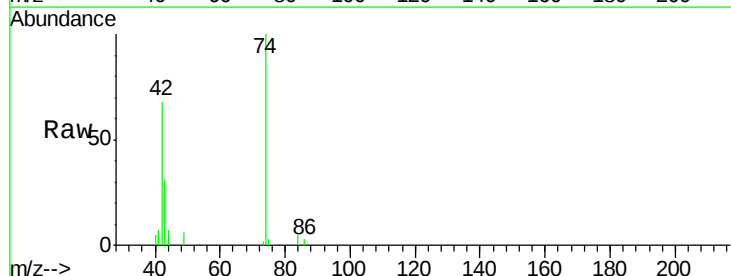
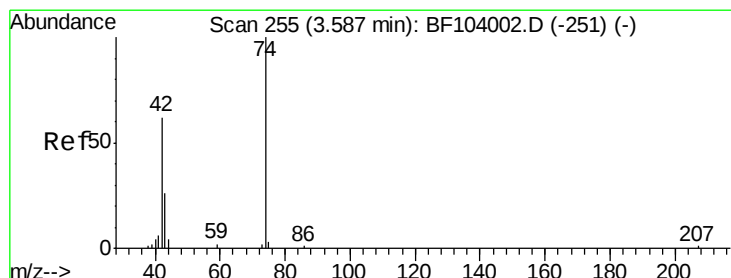
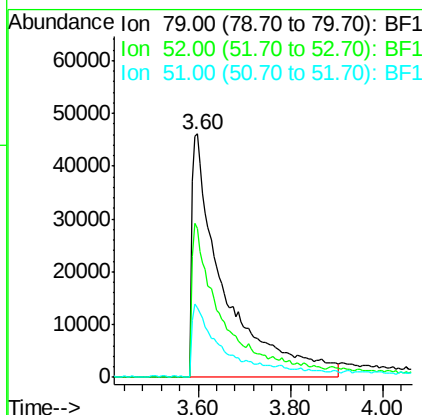
#3
 Pvridine
 Concen: 33.728 ng m
 RT: 3.60 min Scan# 257
 Delta R.T. -0.02 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.3	59.8	89.6
51	28.4	29.8	44.8#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

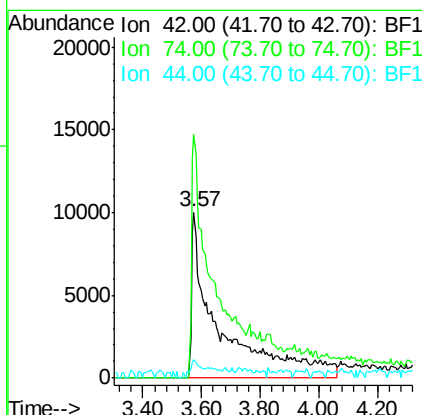
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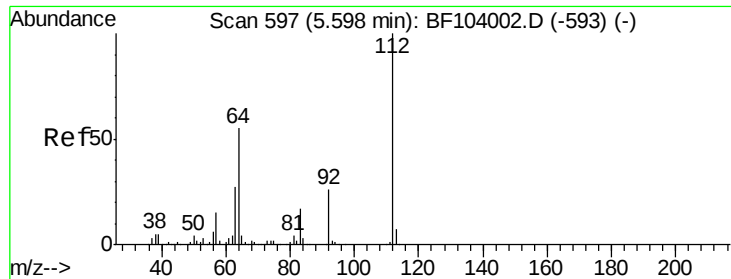
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#4
 n-Nitrosodimethylamine
 Concen: 32.635 ng m
 RT: 3.57 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.0	104.9	157.3
44	10.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 71.426 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

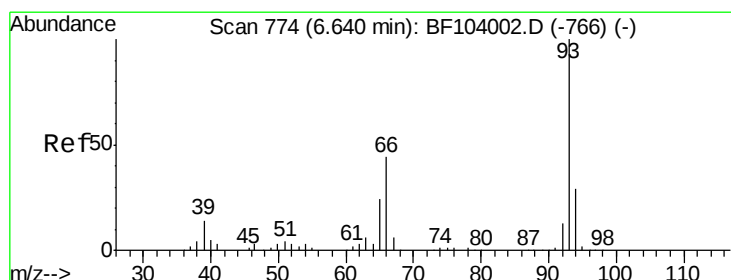
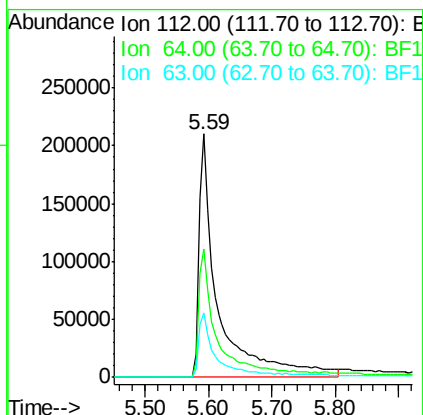
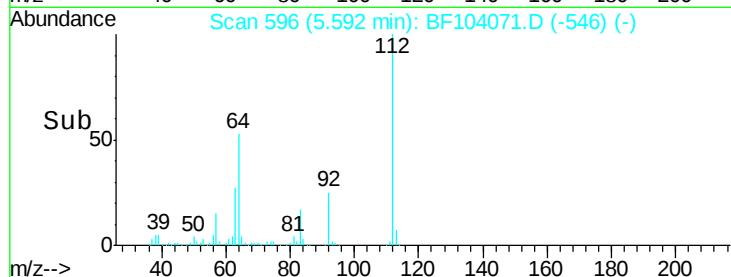
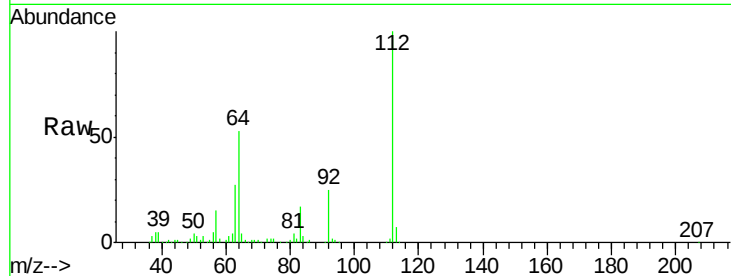
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	438937
Ion Ratio	Lower	Upper	
112	100		
64	52.9	47.9	71.9
63	26.6	23.7	35.5

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#6

Aniline

Concen: 37.070 ng

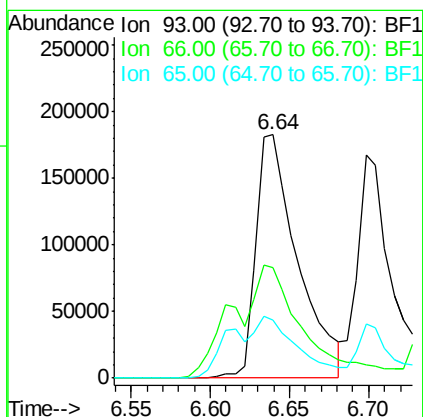
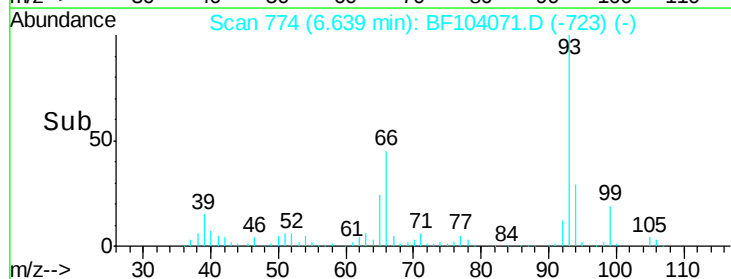
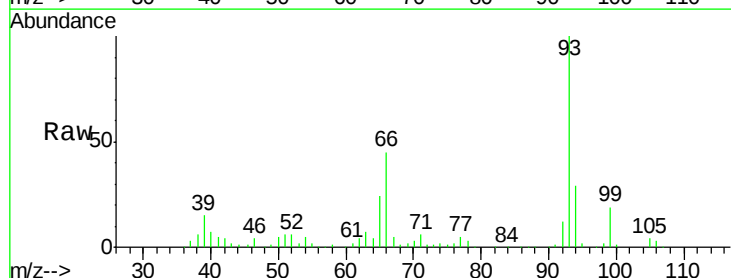
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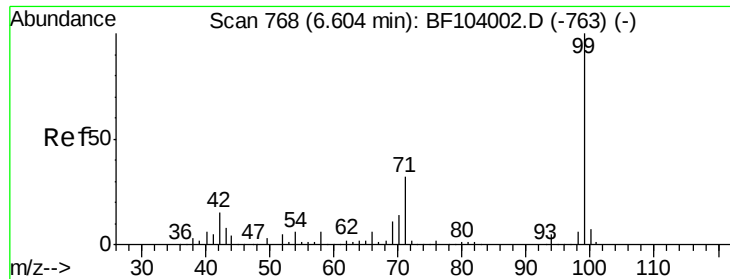
Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Tgt Ion:	93	Resp:	335520
Ion Ratio	Lower	Upper	
93	100		
66	45.4	32.2	48.2
65	23.7	16.4	24.6





#7

Phenol-d6

Concen: 75.846 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

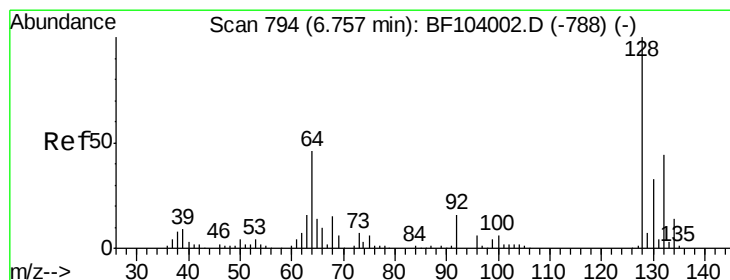
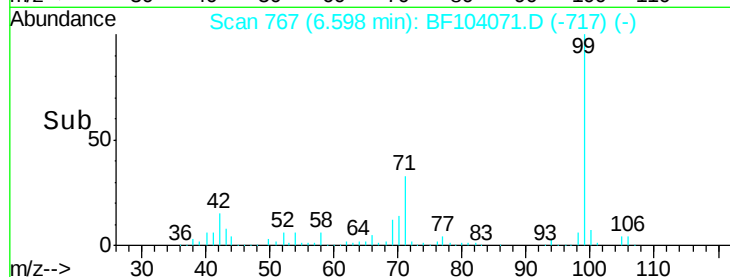
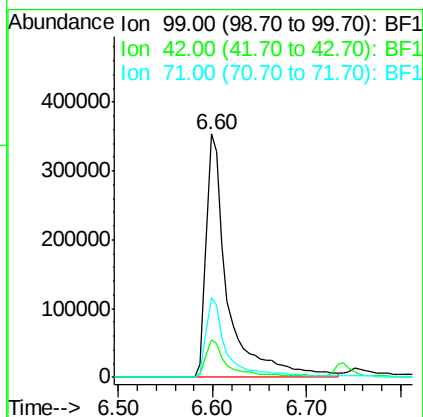
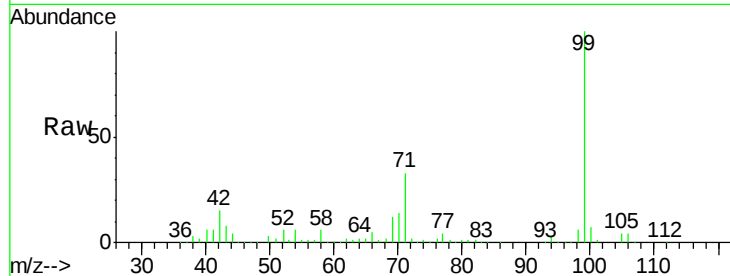
ClientSampleId :

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Tot Ion:	99	Resp:	573439
Ion Ratio	Lower	Upper	
99	100		
42	15.3	14.5	21.7
71	32.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 40.732 ng

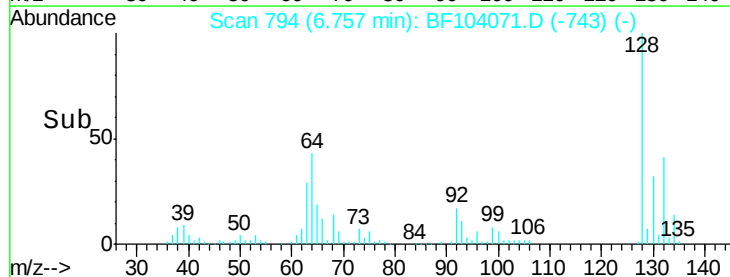
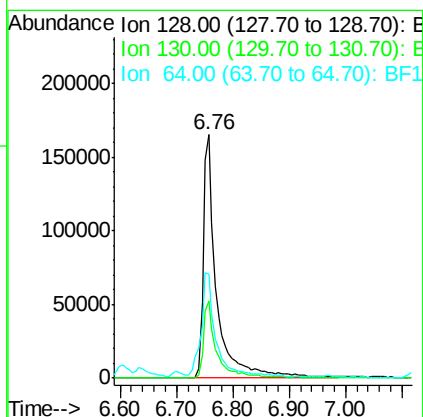
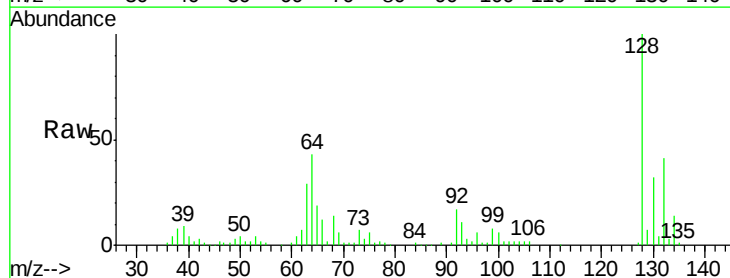
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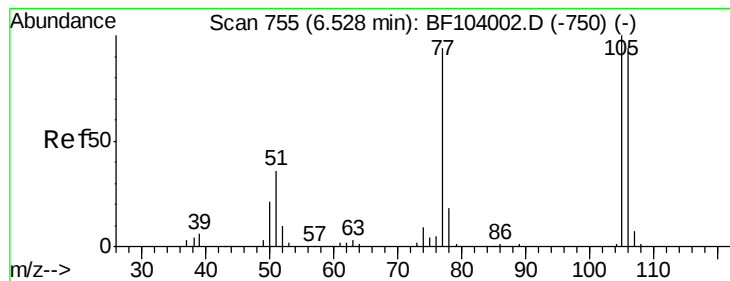
Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Tgt Ion:	128	Resp:	274579
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	42.9	29.4	69.4





#9

Benzaldehyde

Concen: 59.801 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

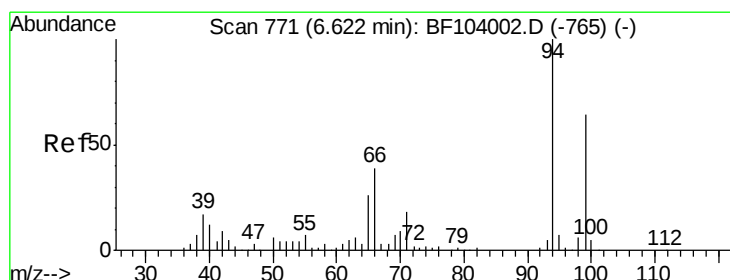
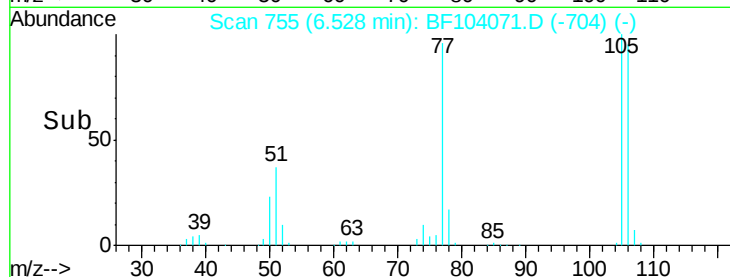
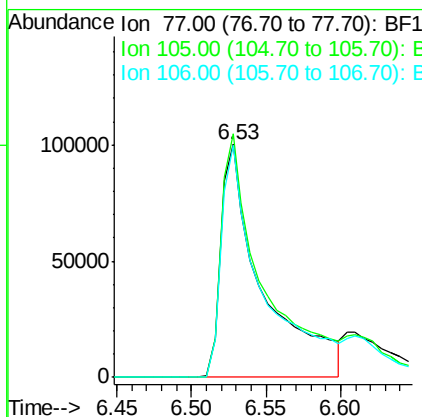
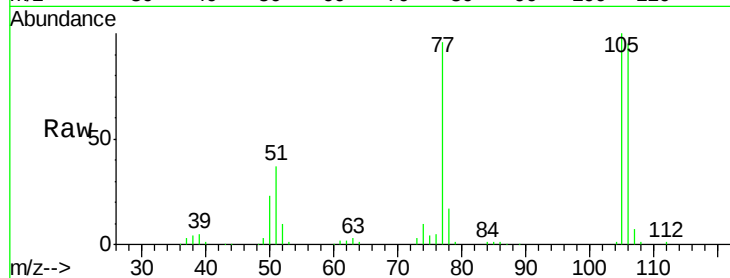
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	196094
Ion	Ratio	Lower	Upper
77	100		
105	104.4	81.1	121.1
106	99.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.577 ng

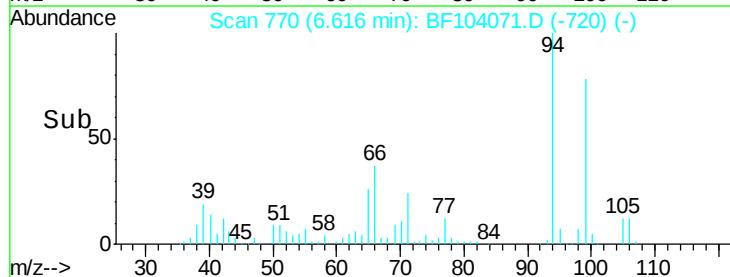
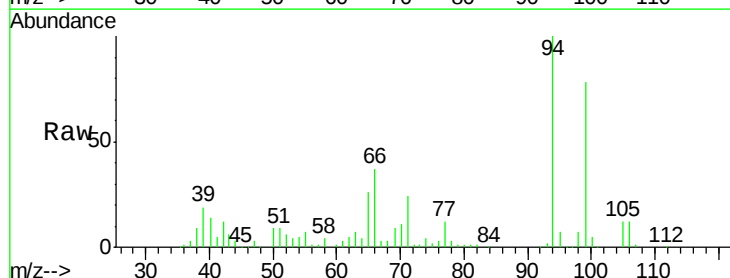
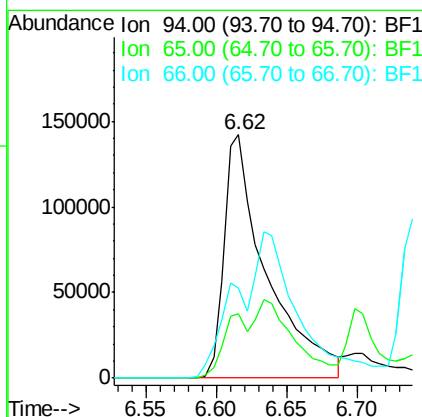
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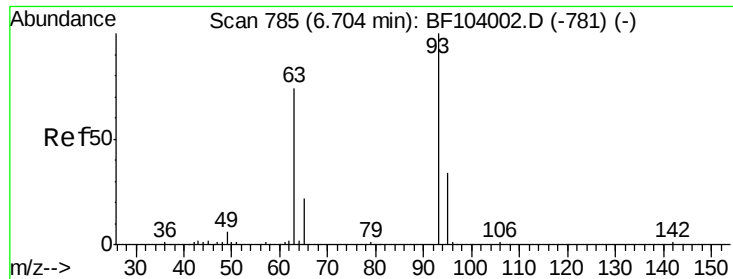
Delta R.T. -0.01 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Tgt Ion:	94	Resp:	298035
Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	37.1	16.2	56.2





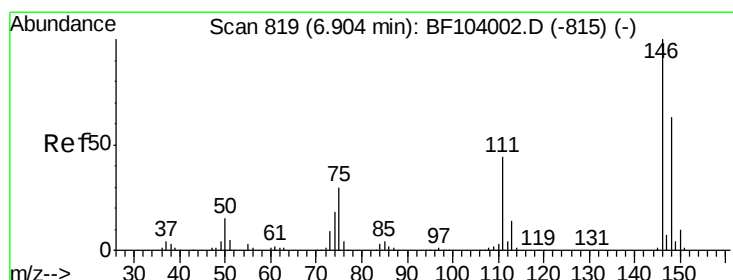
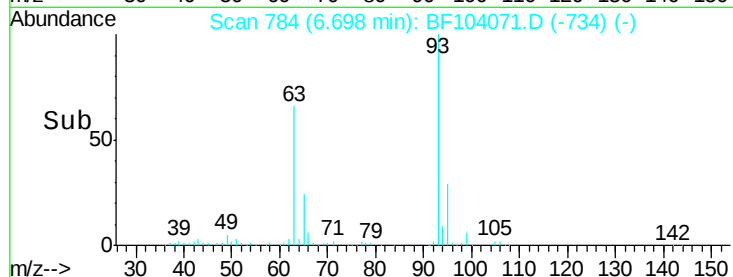
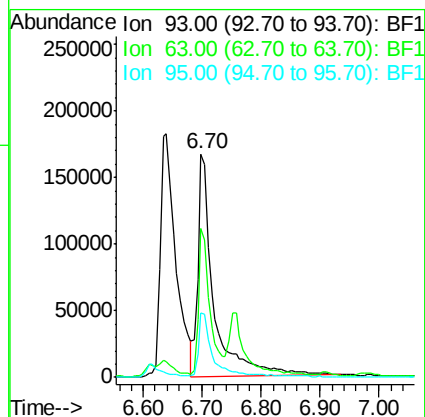
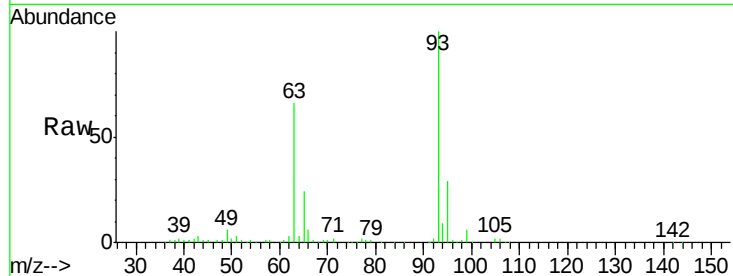
#11
bis(2-Chloroethyl)ether
Concen: 42.974 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	310221
Ion Ratio	Lower	Upper	
93	100		
63	66.4	58.6	98.6
95	29.1	11.8	51.8

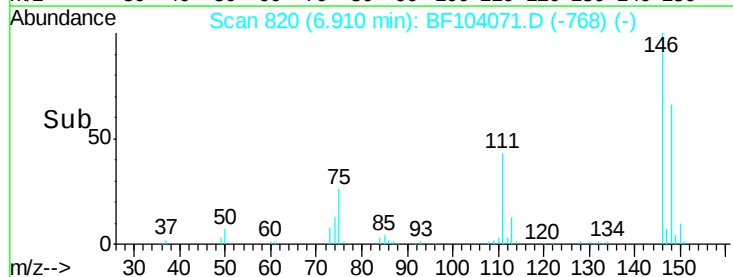
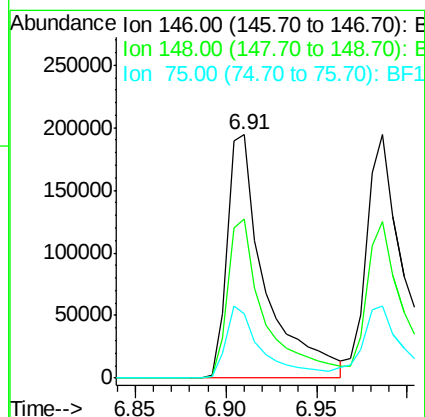
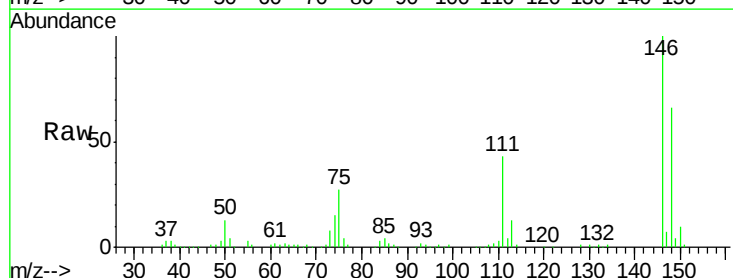
Manual Integrations
APPROVED

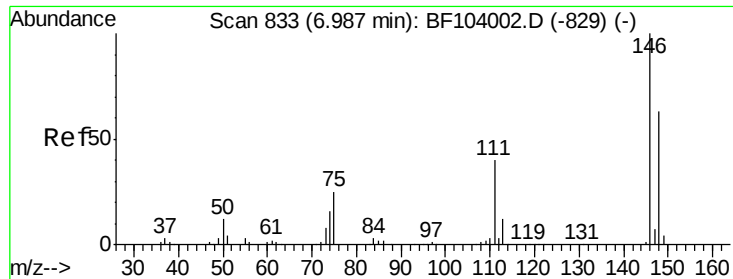
Sohil
3/30/2018 6:02:57 PM



#12
1,3-Dichlorobenzene
Concen: 37.560 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion:	146	Resp:	284613
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.8	77.8
75	26.6	24.2	36.4





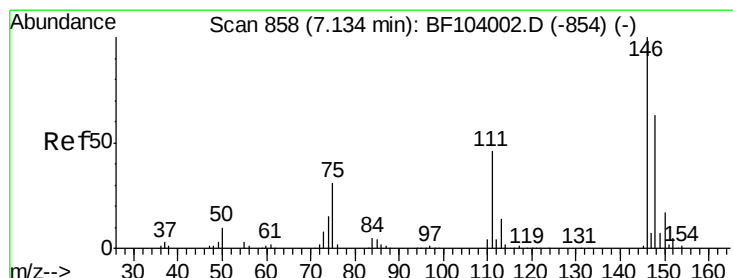
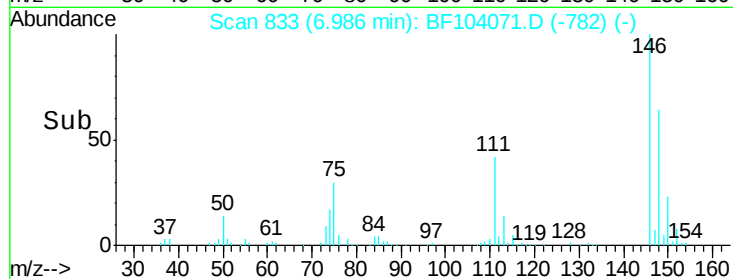
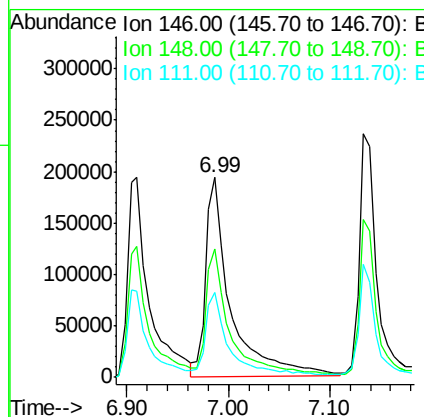
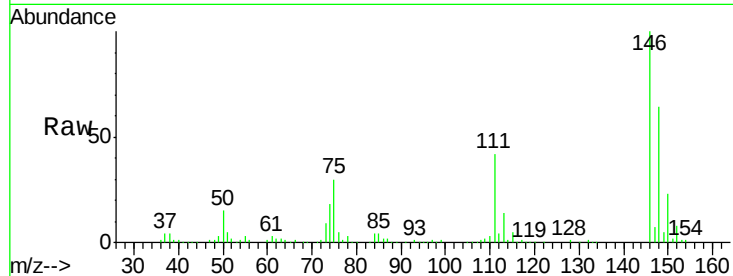
#13
 1,4-Dichlorobenzene
 Concen: 40.813 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	42.3	34.2	51.2

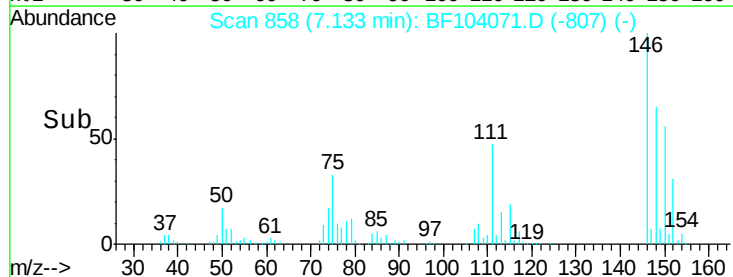
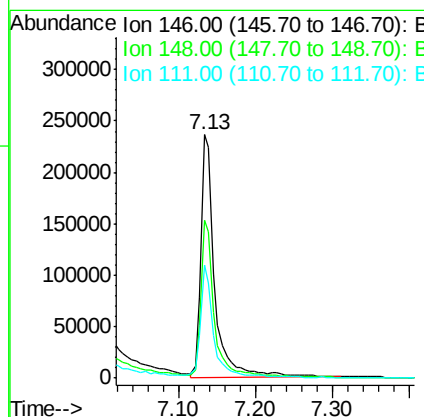
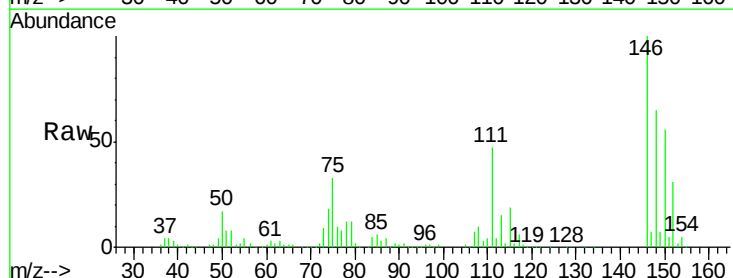
Manual Integrations
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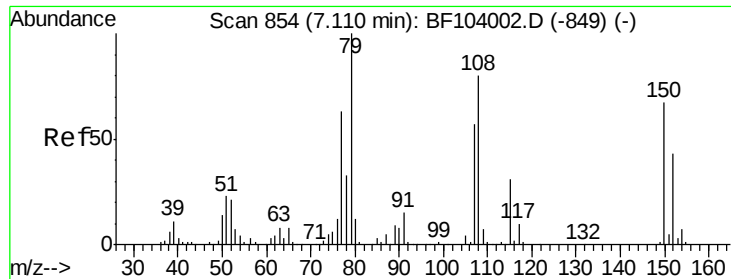
Sohil
 3/30/2018 6:02:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.222 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	46.5	36.0	54.0





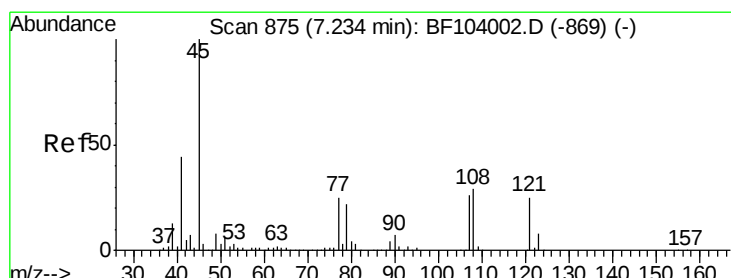
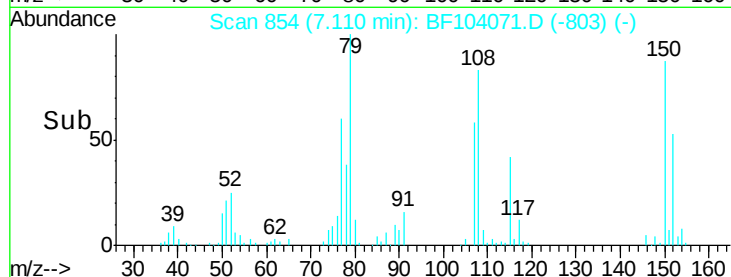
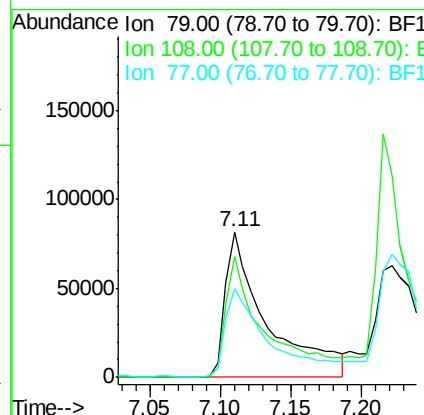
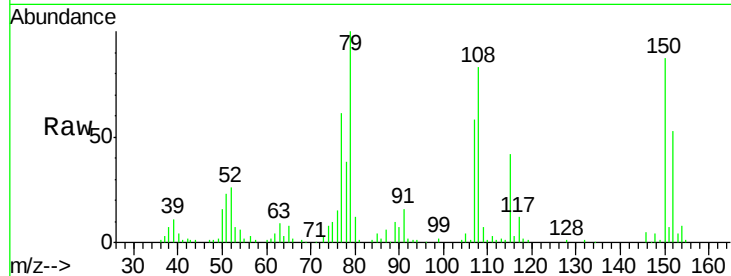
#15
Benzyl Alcohol
Concen: 34.125 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.2	65.1	97.7
77	61.2	50.6	75.8

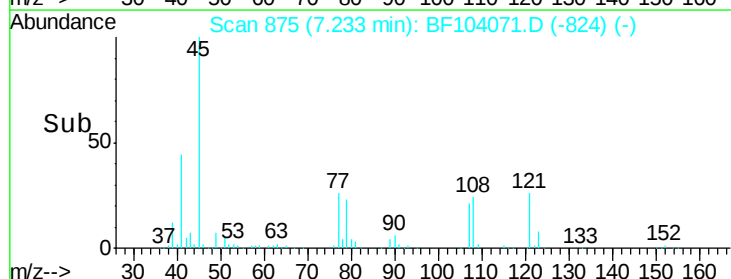
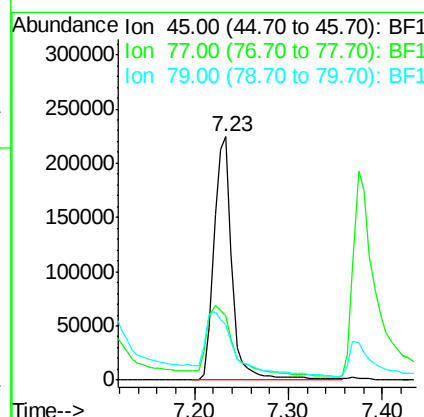
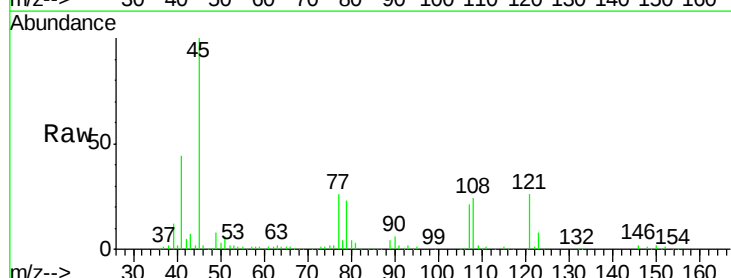
Manual Integrations
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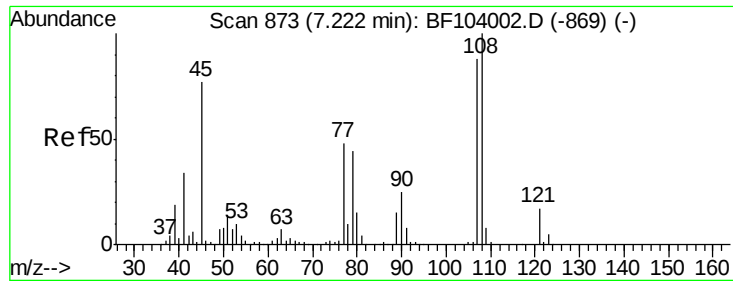
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.907 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.5	0.0	32.9
79	23.0	0.0	29.6





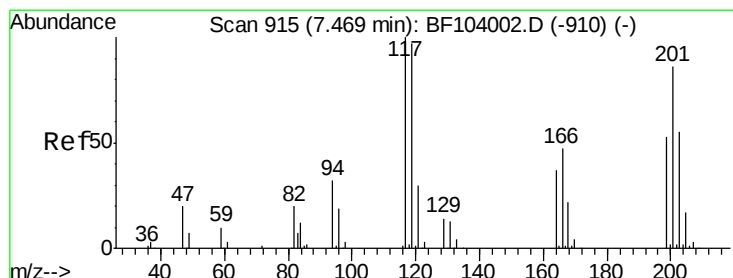
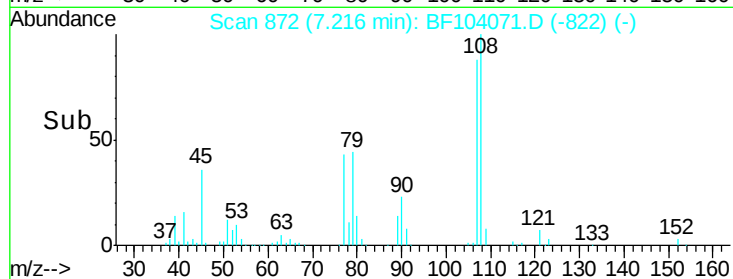
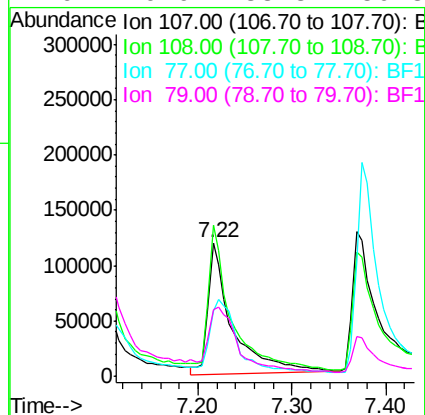
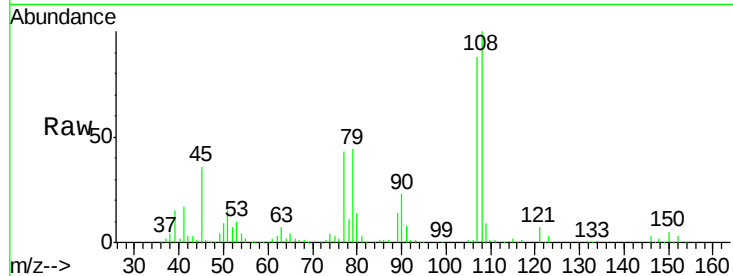
#17
2-Methylphenol
Concen: 39.503 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	216737
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.7	137.5
77	49.3	33.8	50.8
79	49.9	33.8	50.8

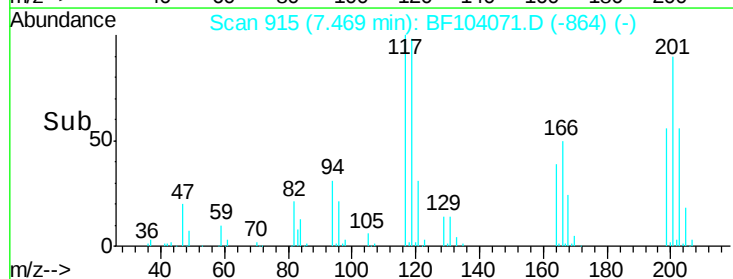
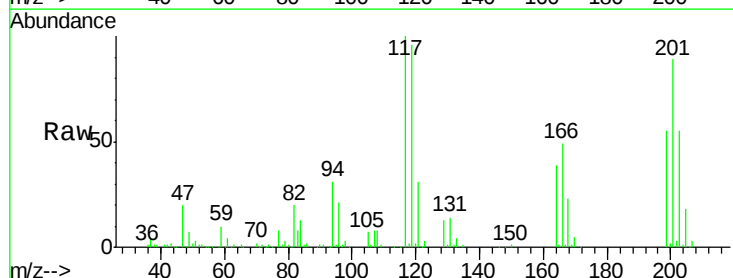
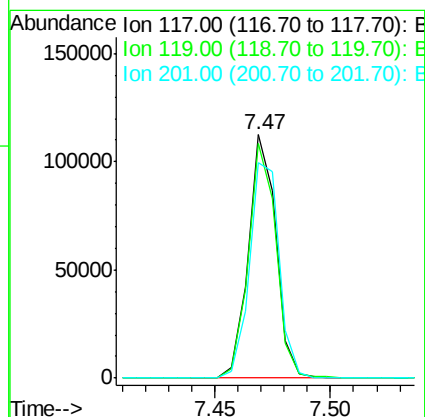
Manual Integrations
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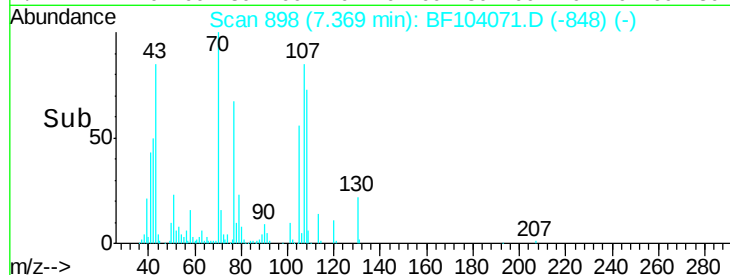
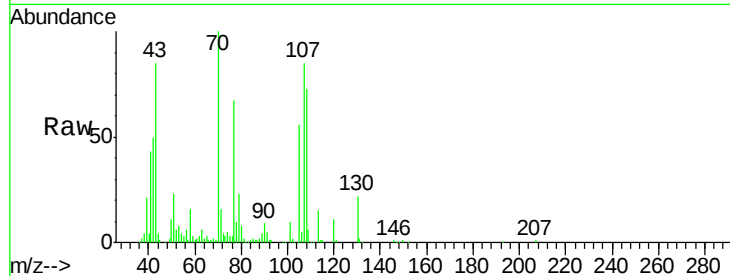
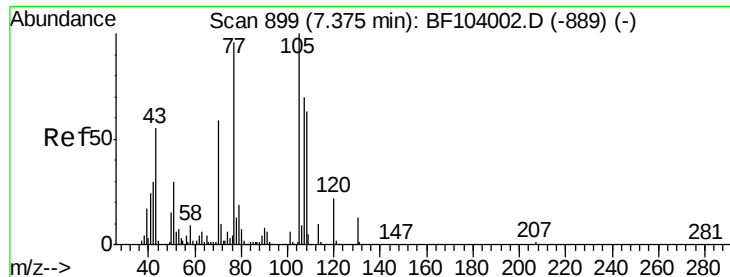
Sohil
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#18
Hexachloroethane
Concen: 34.677 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion:	117	Resp:	94269
Ion Ratio	Lower	Upper	
117	100		
119	96.4	75.8	113.8
201	88.6	75.7	113.5





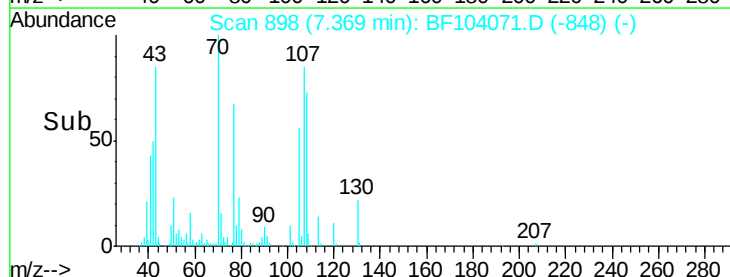
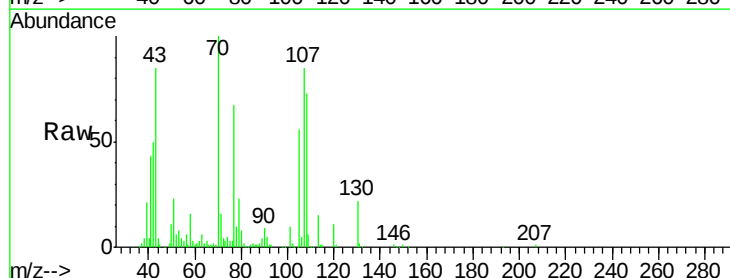
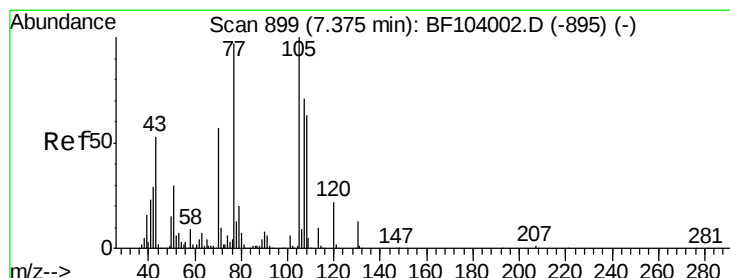
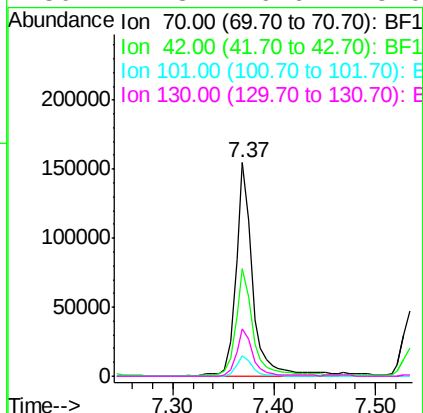
#19
n-Nitroso-di-n-propylamine
Concen: 39.570 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	9.7	7.4	11.2
130	22.3	16.6	25.0

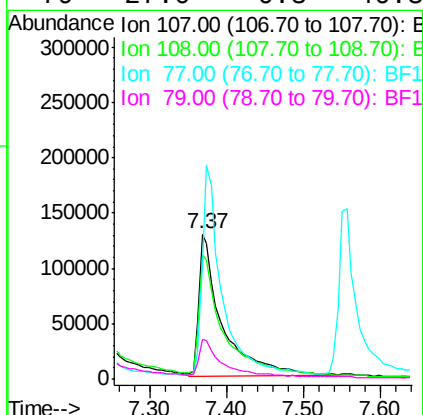
Manual Integrations
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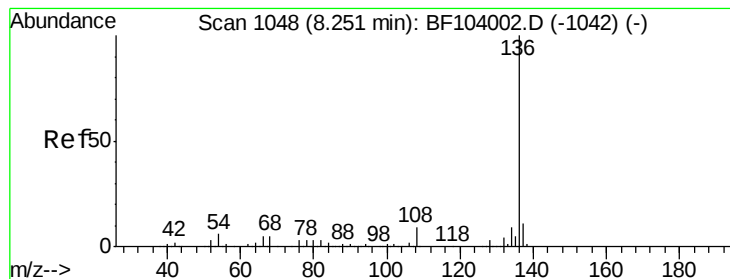
Sohil
3/30/2018 6:02:57 PM



#20
3+4-Methylphenols
Concen: 38.261 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.2	108.2
77	79.5	26.7	66.7#
79	27.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

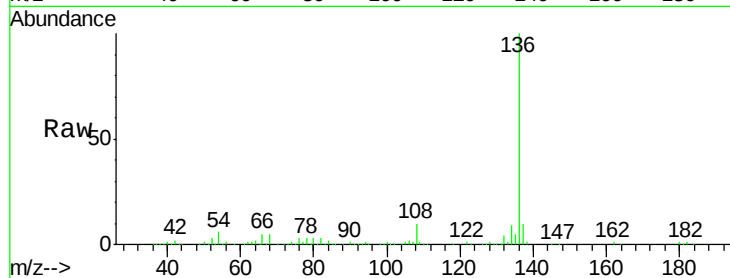
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	403152		
137	10.4	8.9	13.3	
54	6.2	6.6	9.8	
68	5.3	5.0	7.4	

Manual Integrations
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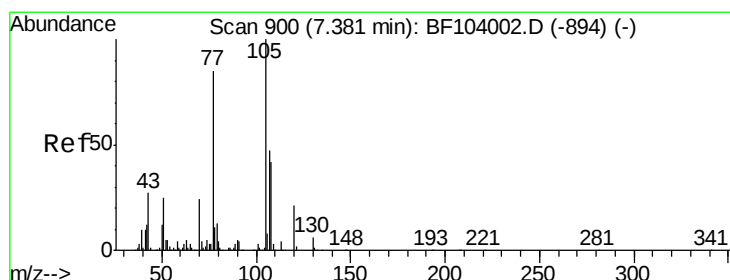
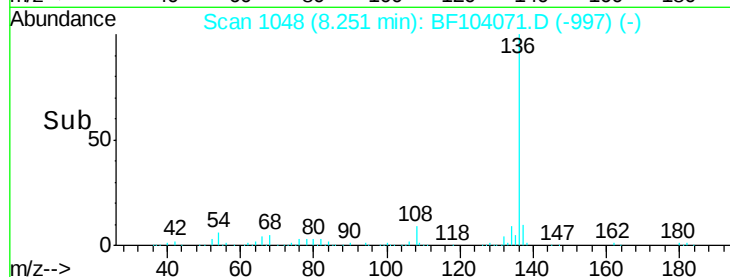
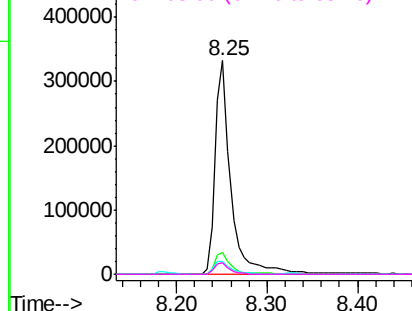


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.305 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

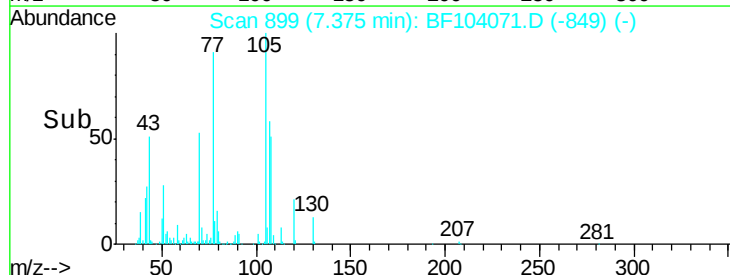
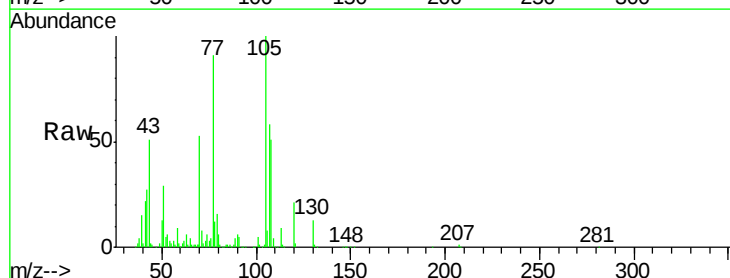
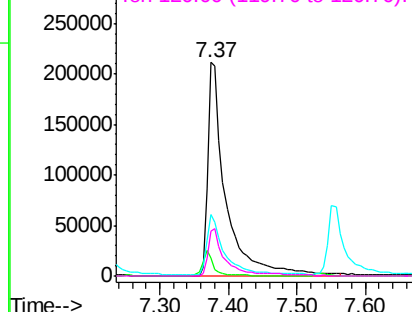
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	393145		
71	8.4	4.4	6.6	
51	28.6	22.3	33.5	
120	21.2	16.9	25.3	

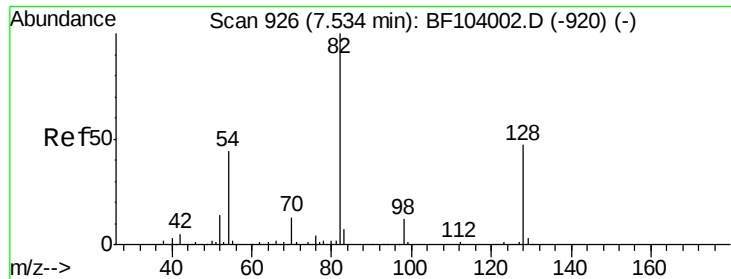
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





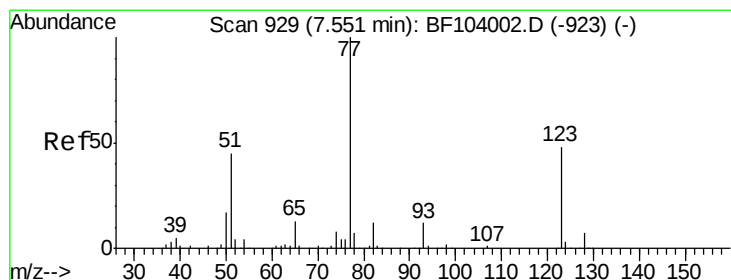
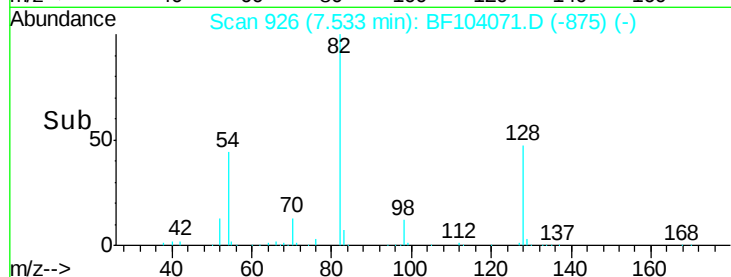
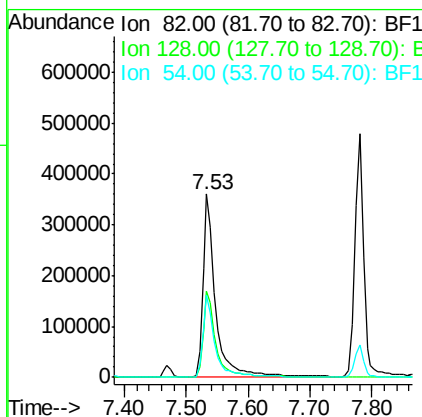
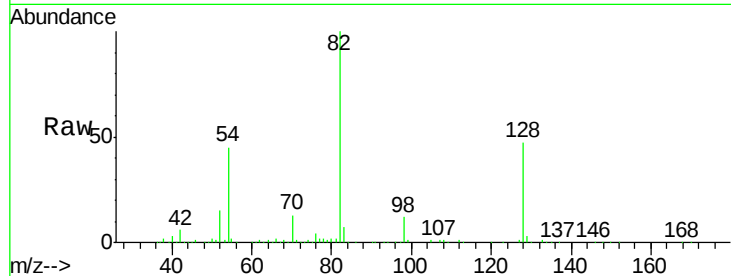
#23
 Nitrobenzene-d5
 Concen: 79.417 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	44.8	41.4	62.2

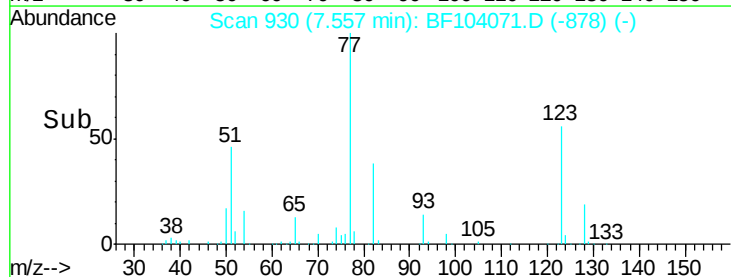
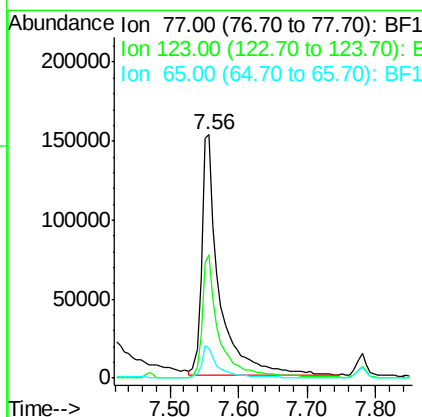
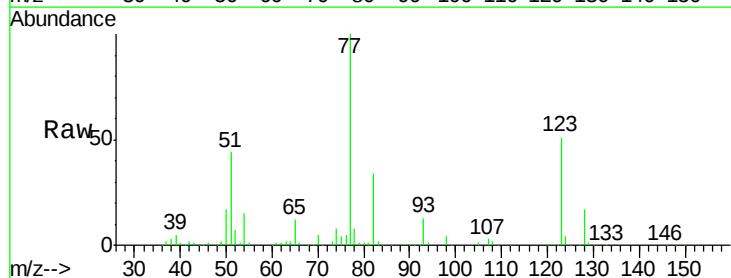
Manual Integrations
 APPROVED

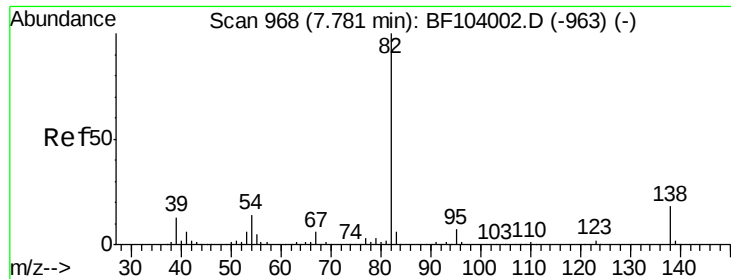
Sohil
 3/30/2018 6:02:57 PM



#24
 Nitrobenzene
 Concen: 39.243 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	37.9	56.9
65	12.4	11.0	16.4





#25

Isophorone

Concen: 38.172 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

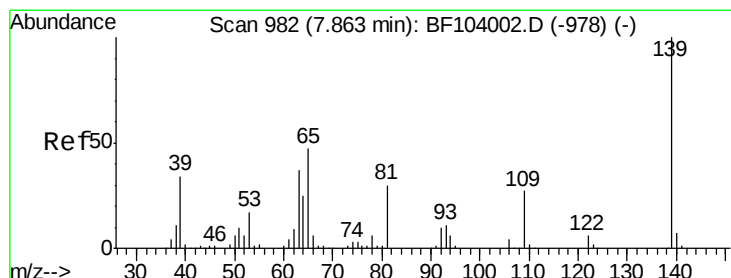
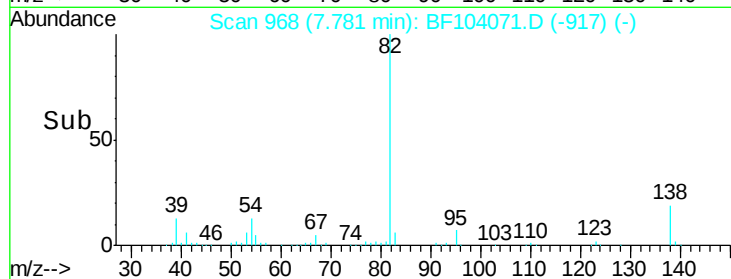
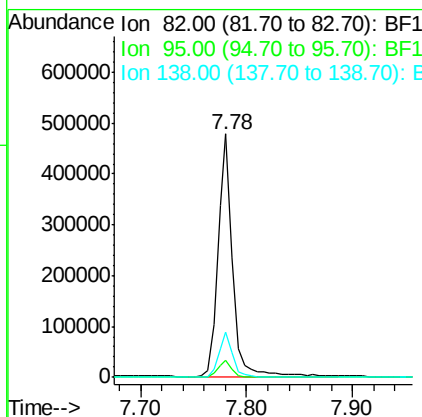
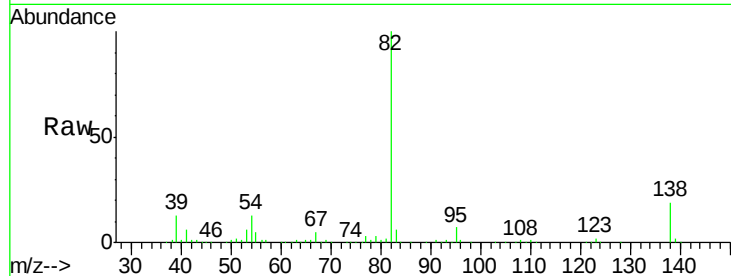
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	463751
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.2	7.8
138	18.7	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.901 ng

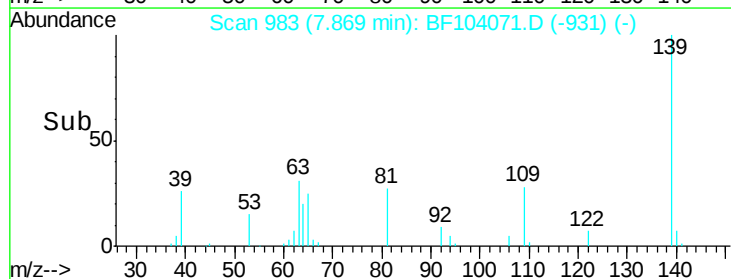
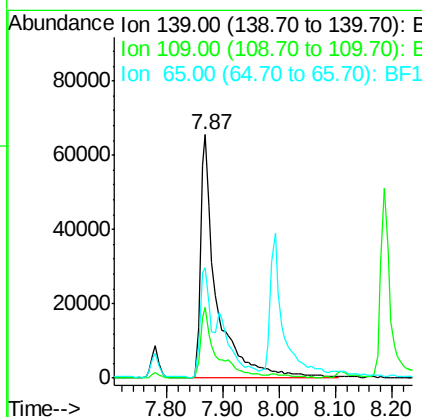
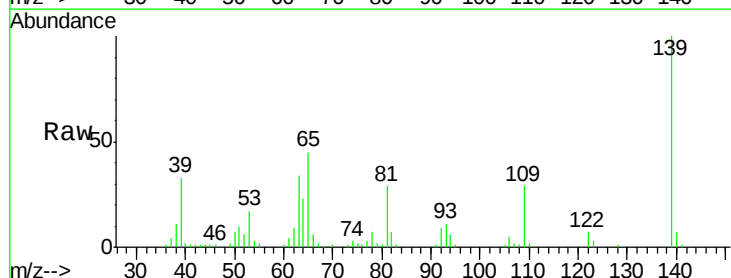
RT: 7.87 min Scan# 983

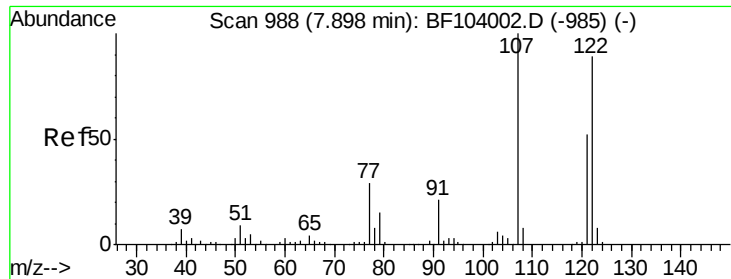
Delta R.T. 0.01 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Tgt Ion:	139	Resp:	129984
Ion Ratio		Lower	Upper
139	100		
109	29.1	22.7	34.1
65	45.3	40.5	60.7





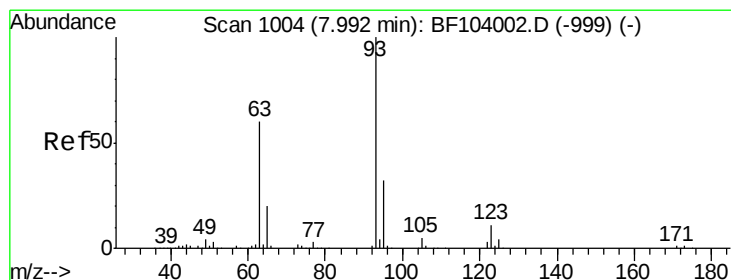
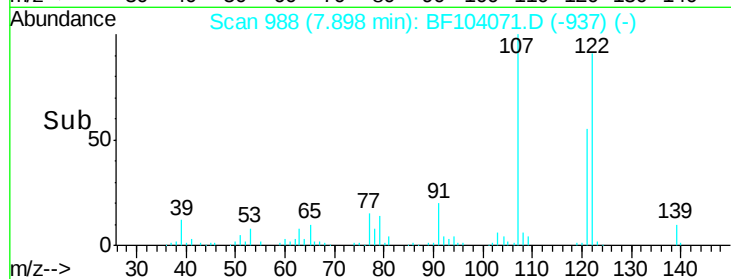
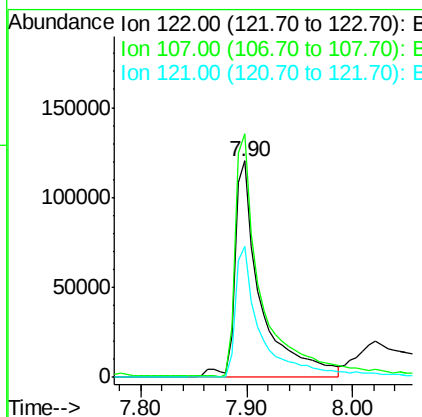
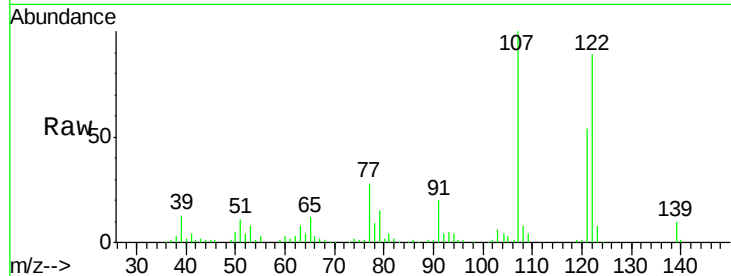
#27
2,4-Dimethylphenol
Concen: 38.685 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.4	91.2	136.8
121	60.5	47.2	70.8

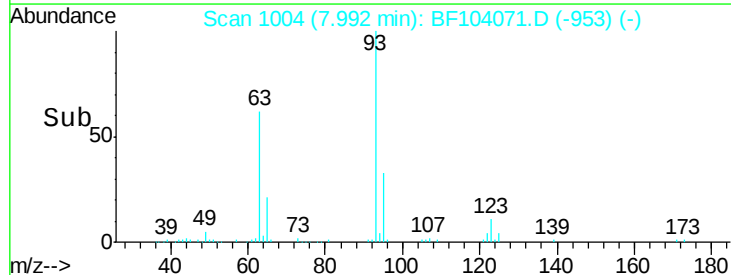
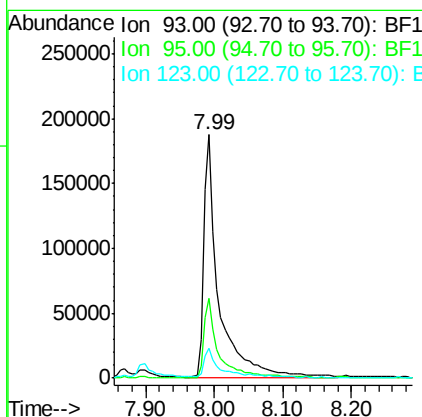
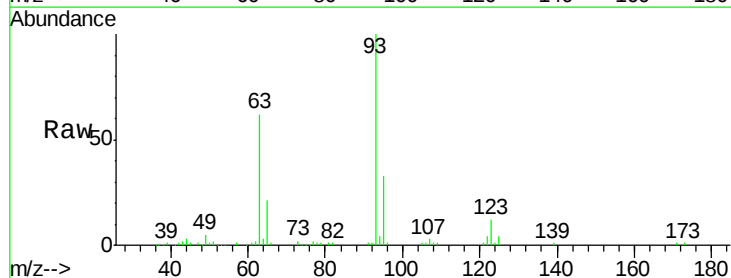
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#28
bis(2-Chloroethoxy)methane
Concen: 38.116 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

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





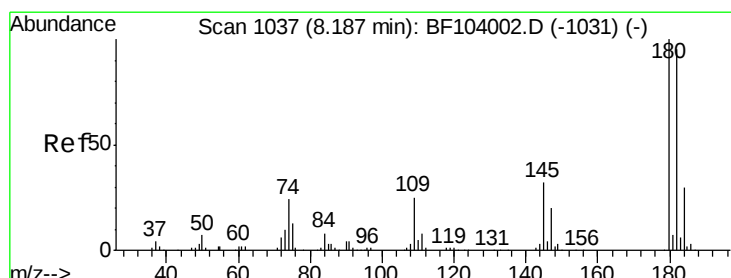
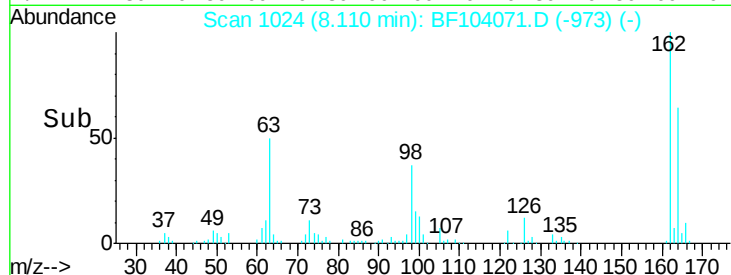
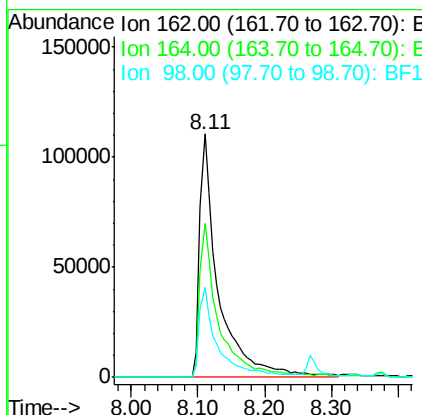
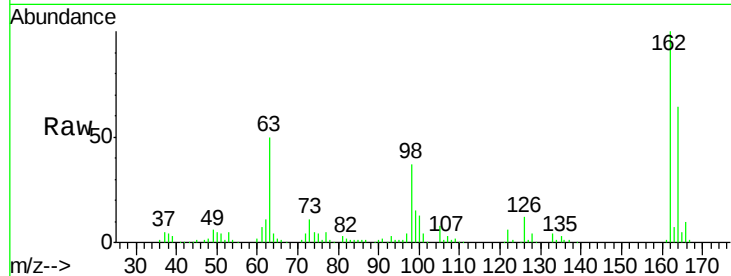
#29
 2,4-Dichlorophenol
 Concen: 38.876 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	212029		
164	63.5	42.7	82.7	
98	36.7	18.1	58.1	

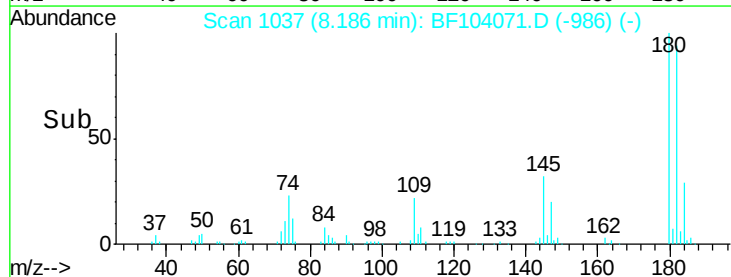
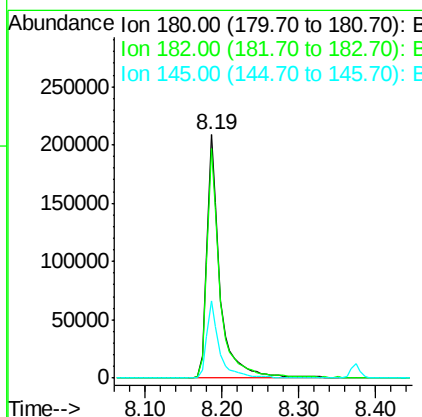
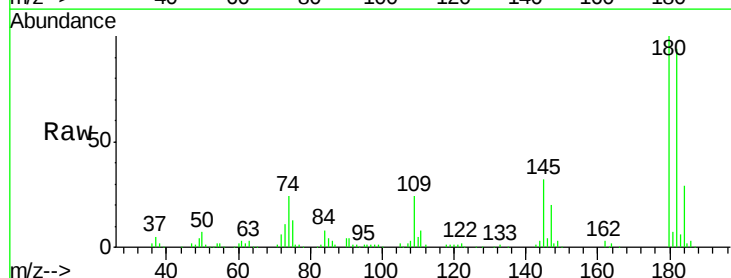
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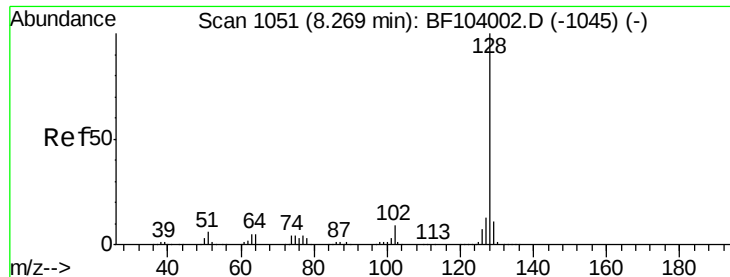
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.795 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246259		
182	94.3	76.8	115.2	
145	31.7	26.5	39.7	





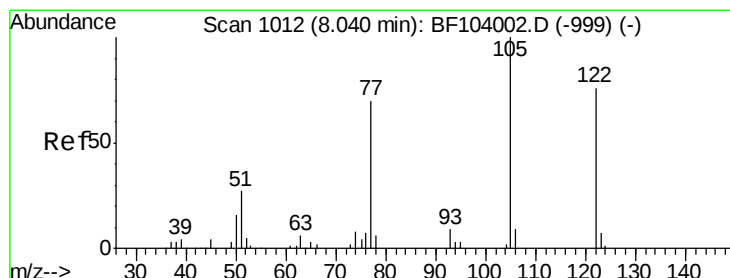
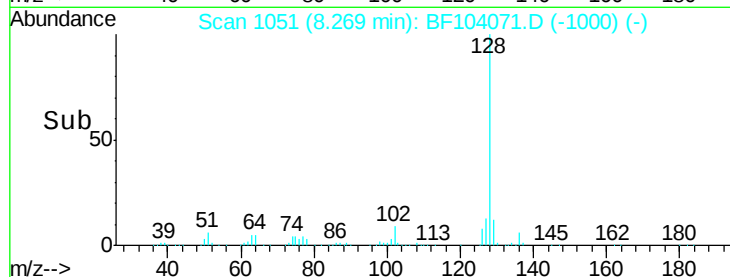
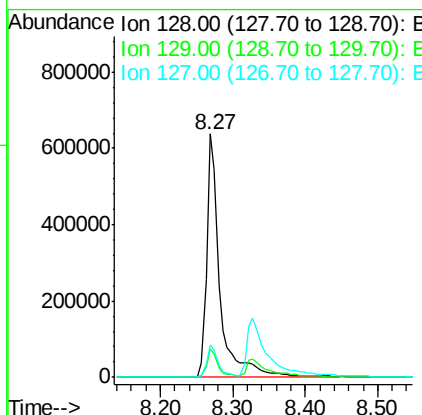
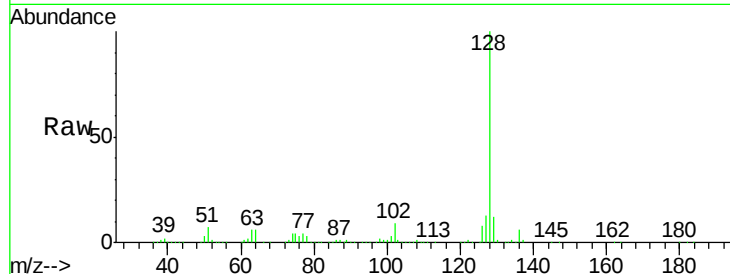
#31
Naphthalene
Concen: 41.582 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.4	10.9	16.3

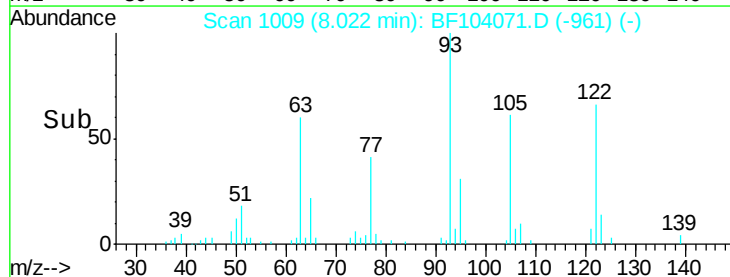
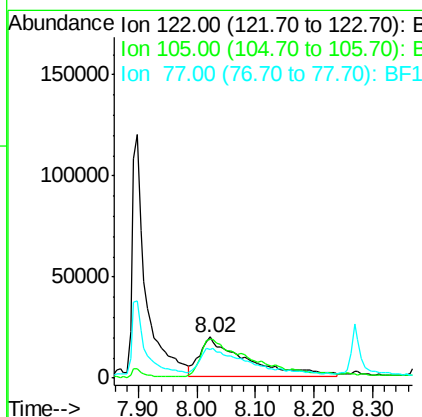
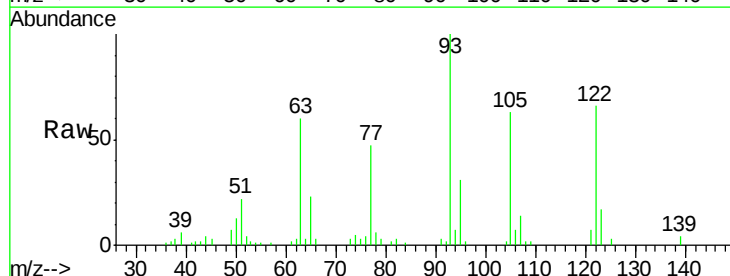
Manual Integrations
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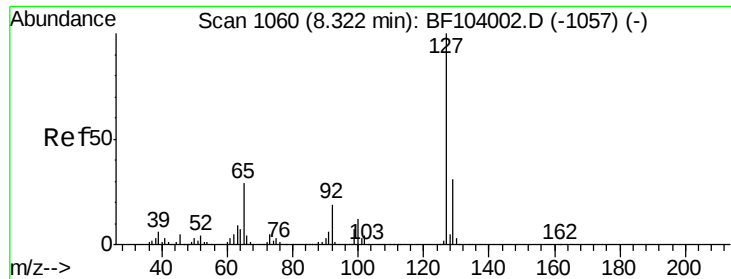
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#32
Benzoic acid
Concen: 28.561 ng m
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	96.2	101.1	141.1#
77	71.5	70.7	110.7





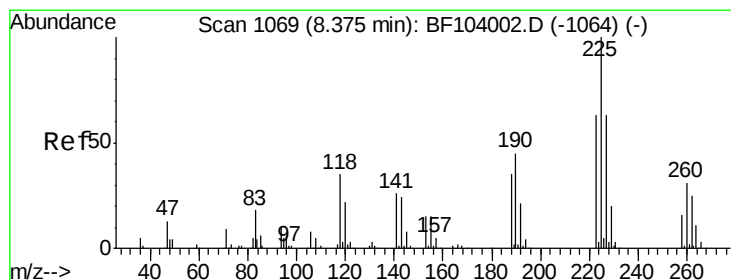
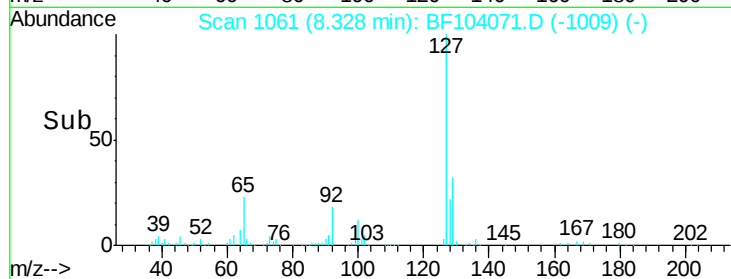
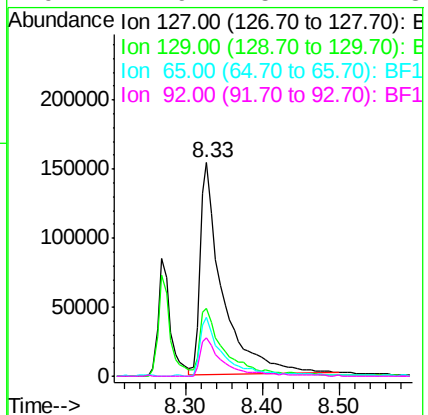
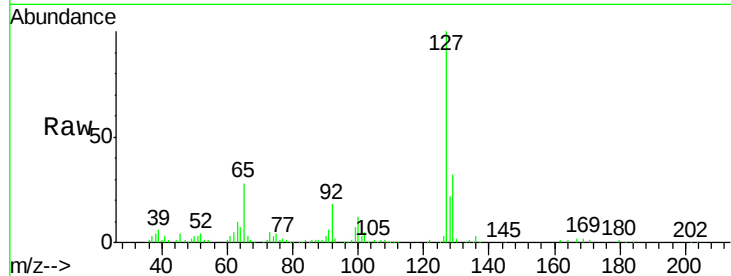
#33
4-Chloroaniline
Concen: 37.258 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.9	38.9		
65	27.7	25.0	37.4		
92	17.9	15.2	22.8		

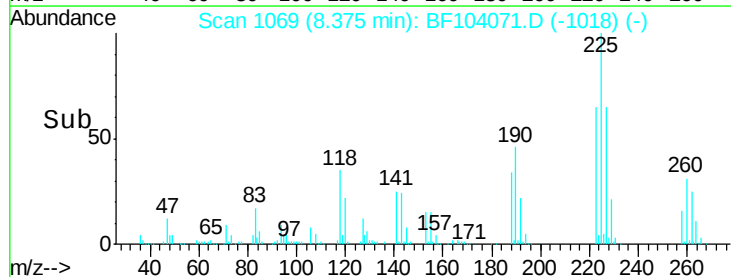
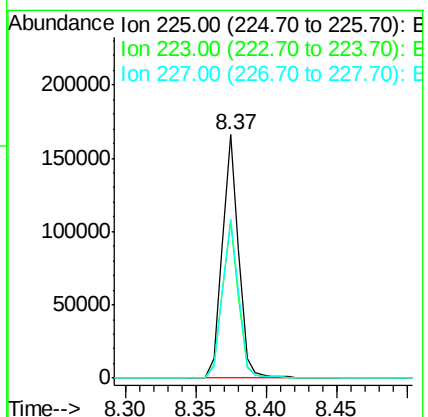
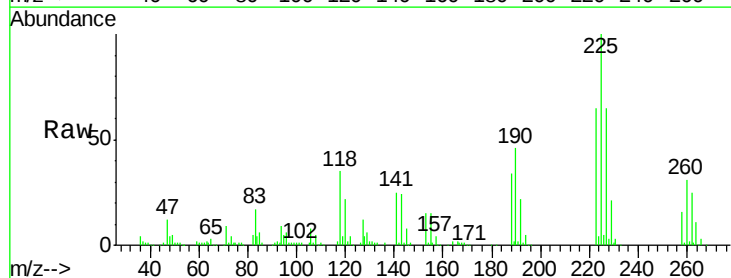
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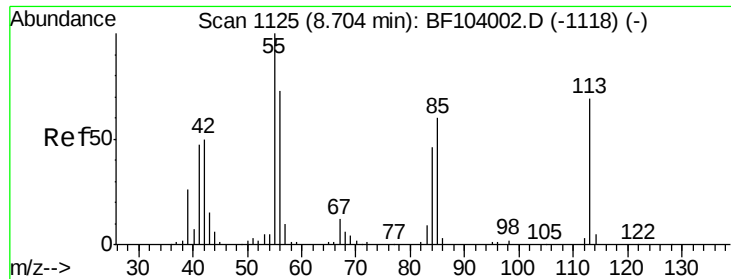
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#34
Hexachlorobutadiene
Concen: 39.787 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	50.6	76.0		
227	65.2	51.9	77.9		





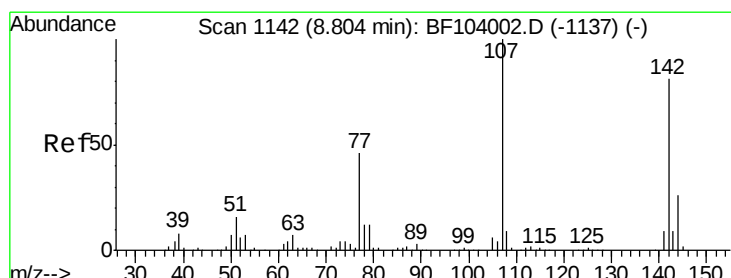
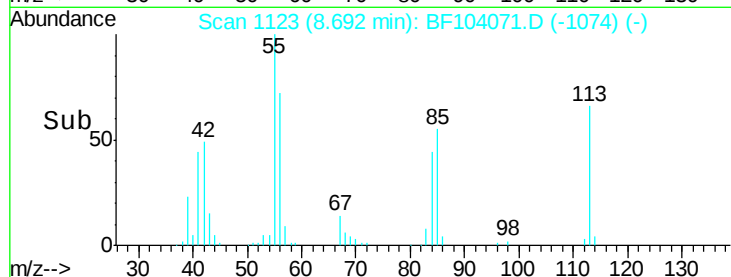
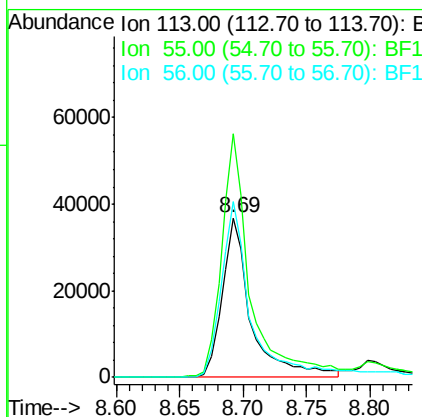
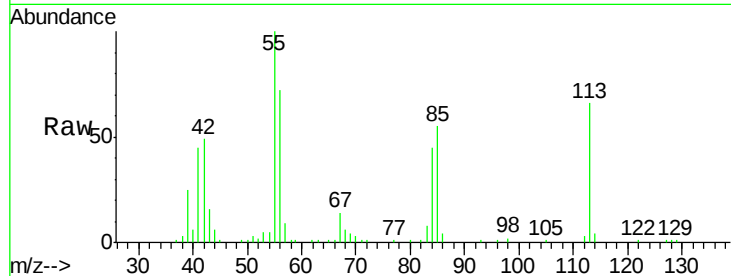
#35
 Caprolactam
 Concen: 33.669 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 58226
 Ion Ratio Lower Upper
 113 100
 55 152.4 163.3 203.3#
 56 110.0 115.7 155.7#

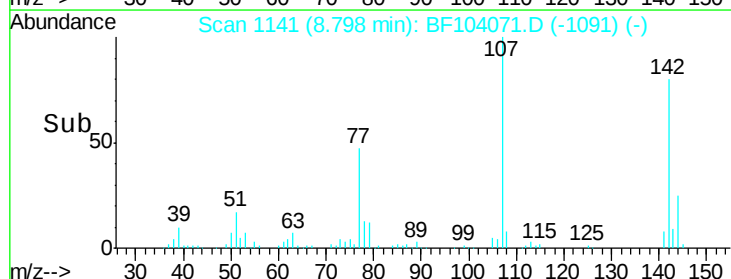
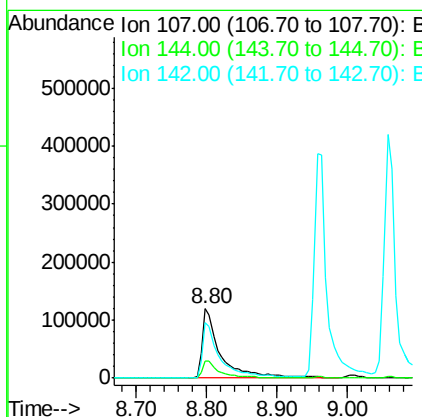
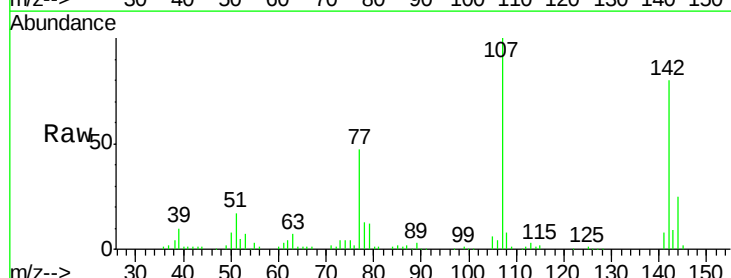
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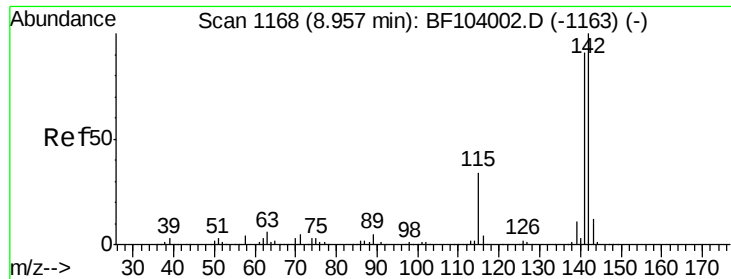
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#36
 4-Chloro-3-methylphenol
 Concen: 37.885 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion:107 Resp: 218553
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 79.8 62.0 93.0





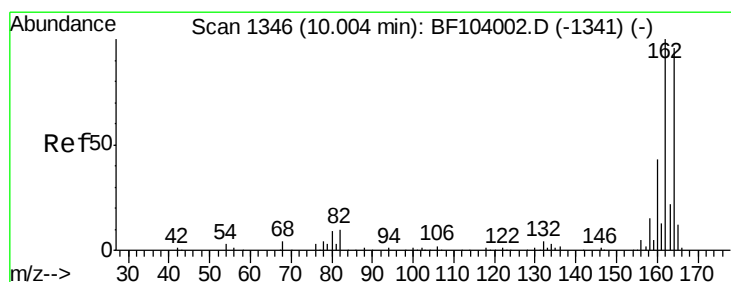
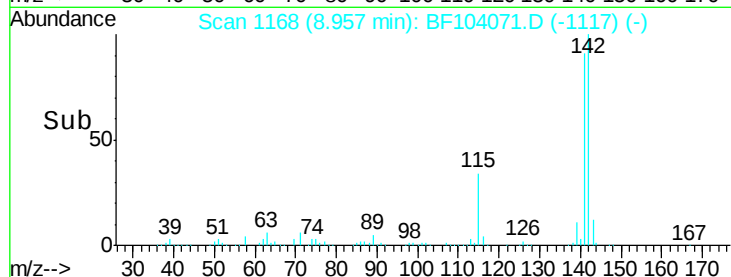
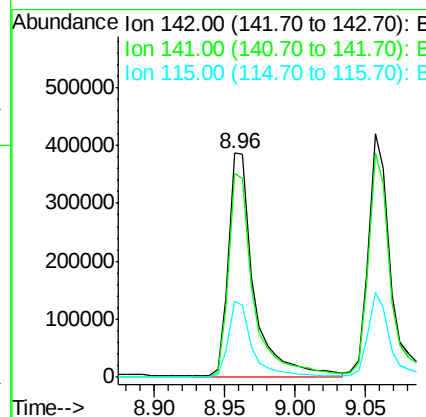
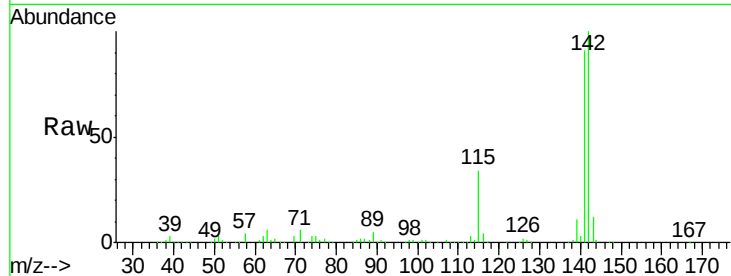
#37
2-Methylnaphthalene
Concen: 37.549 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	33.9	26.1	39.1

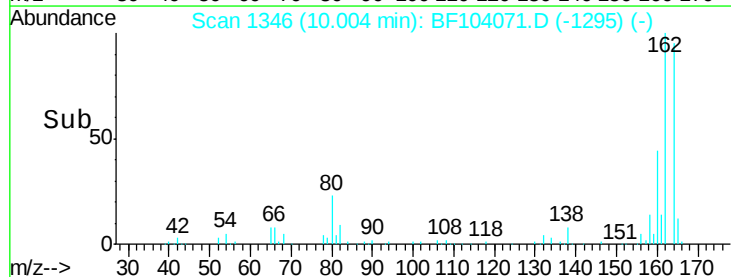
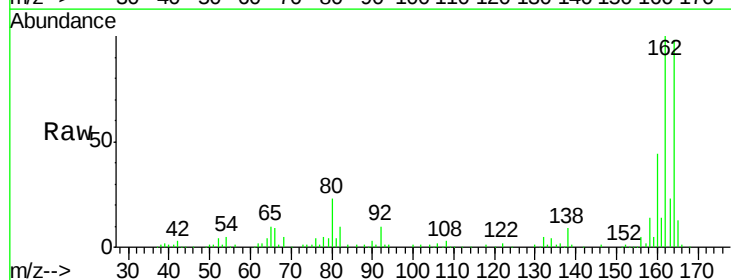
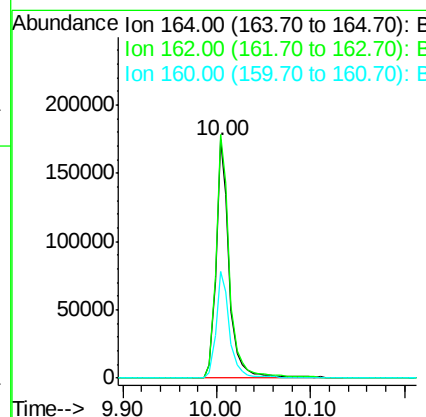
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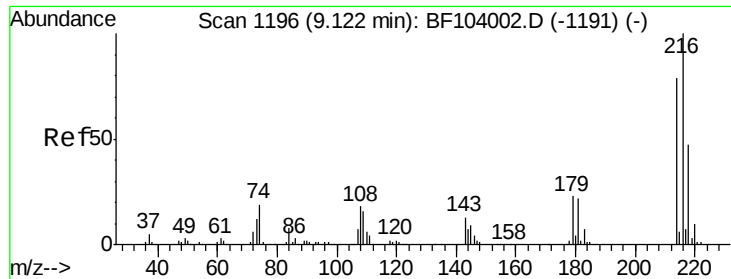
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	44.8	38.3	57.5





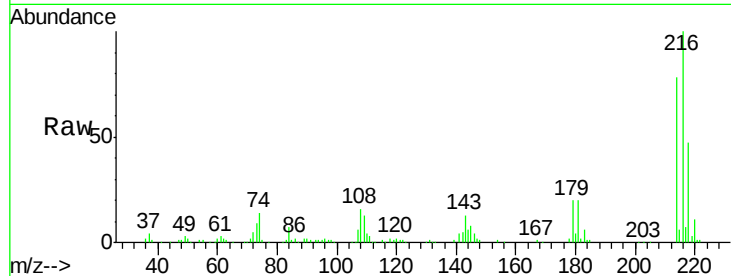
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.826 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

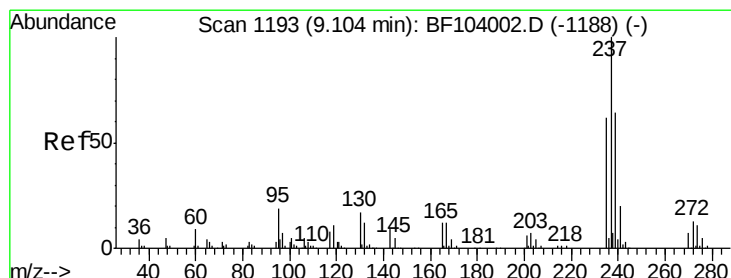
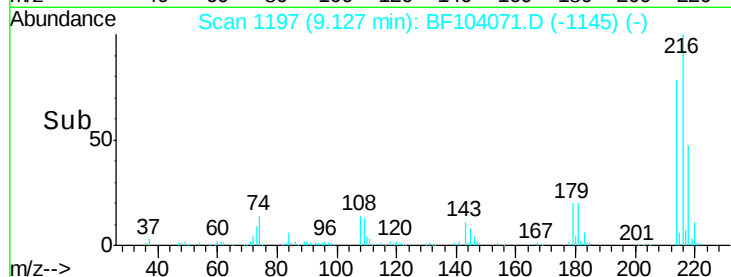
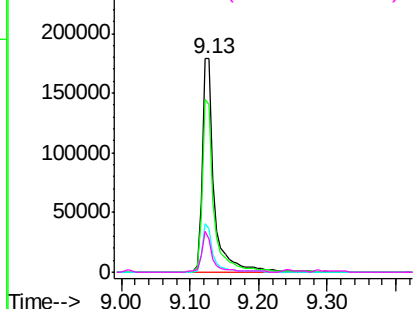
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		225171		
214	78.6		63.0	94.4	
179	21.4		18.1	27.1	
108	18.0		17.2	25.8	

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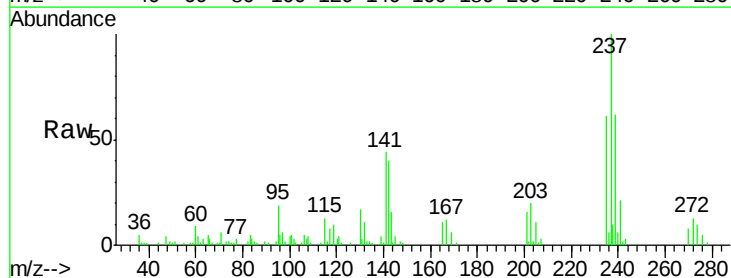


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

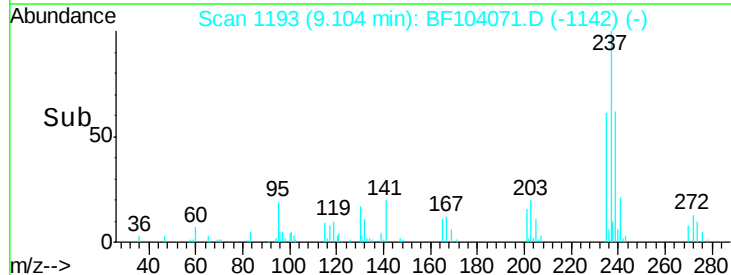
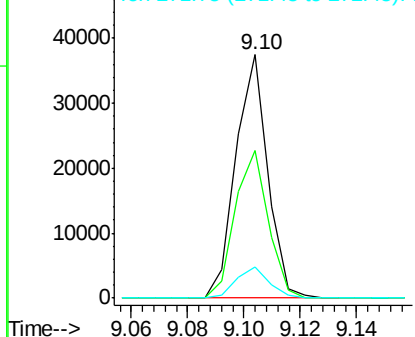


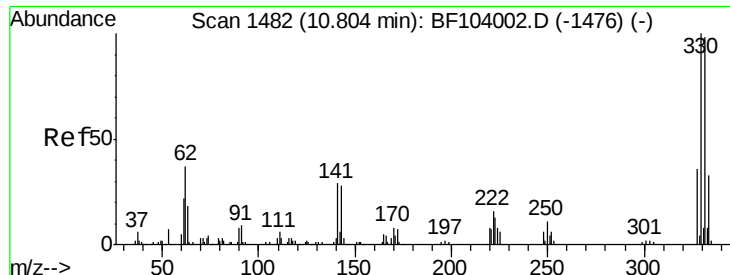
#40
 Hexachlorocyclopentadiene
 Concen: 16.186 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		29342		
235	60.6		44.8	84.8	
272	13.0		0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 65.769 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

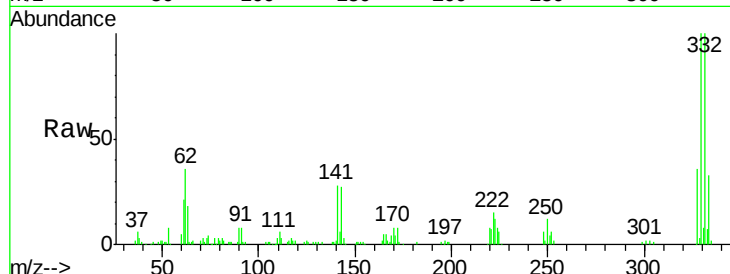
ClientSampleId :

SSTDCCC040

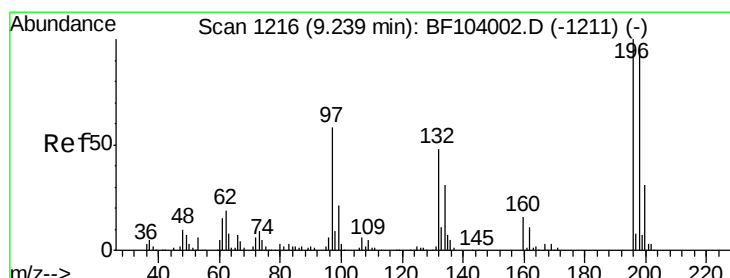
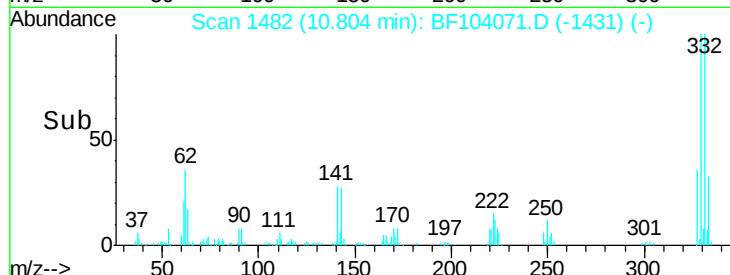
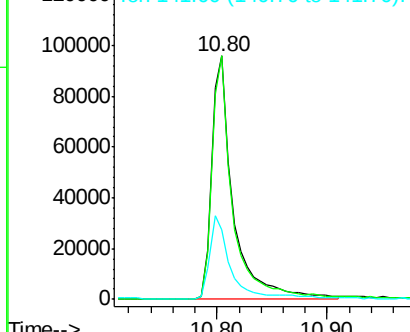
Tot Ion:	330	Resp:	128568
Ion Ratio	Lower	Upper	
330	100		
332	99.4	77.0	115.6
141	34.8	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 37.302 ng

RT: 9.24 min Scan# 1216

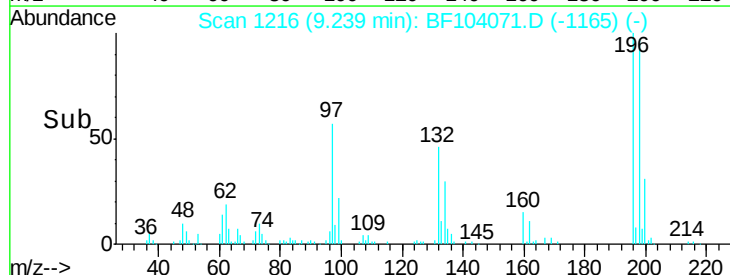
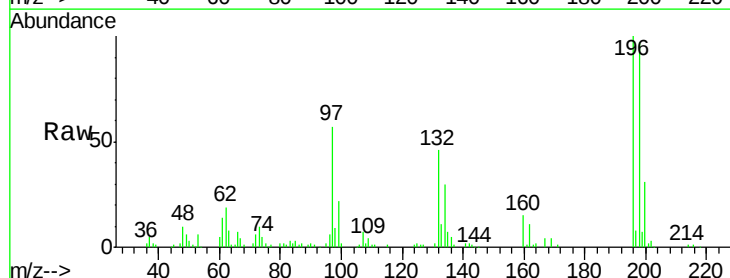
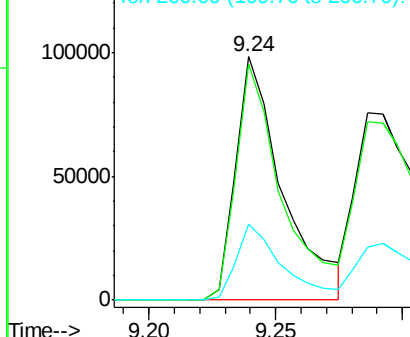
Delta R.T. -0.00 min

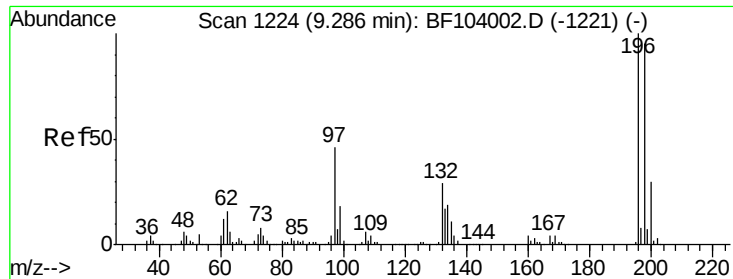
Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Tgt Ion:	196	Resp:	127160
Ion Ratio	Lower	Upper	
196	100		
198	96.7	75.7	113.5
200	31.0	24.5	36.7

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





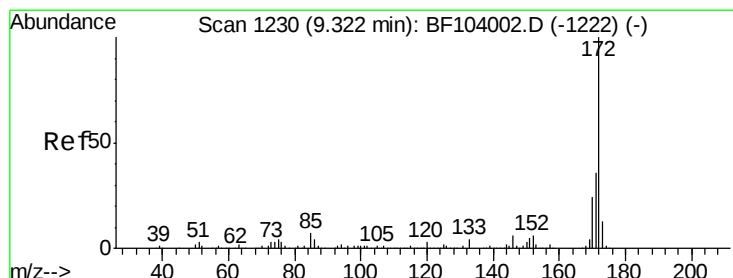
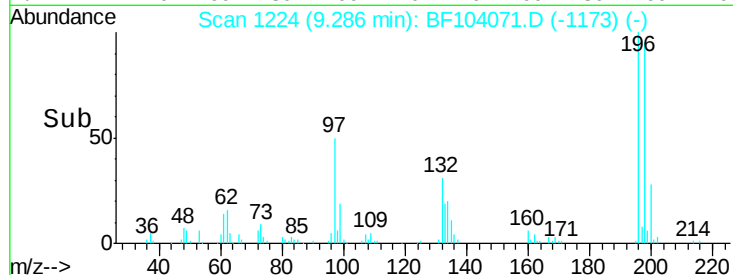
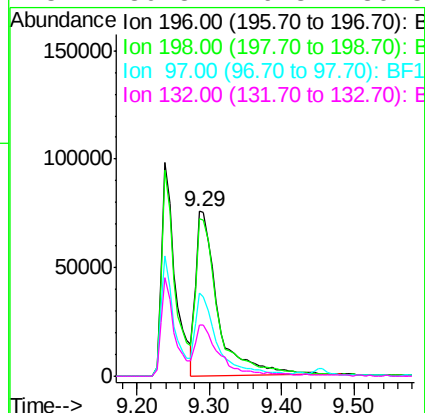
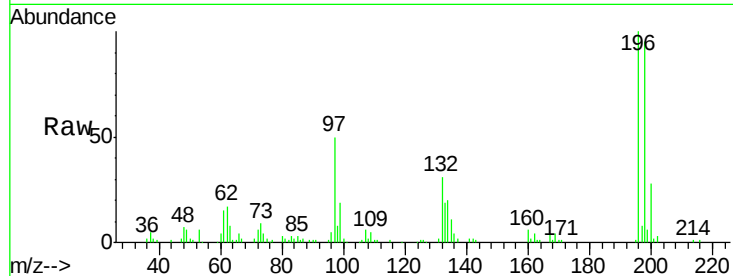
#43
 2,4,5-Trichlorophenol
 Concen: 39.134 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	161078
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.6	112.0
97	50.4	42.9	64.3
132	30.8	26.3	39.5

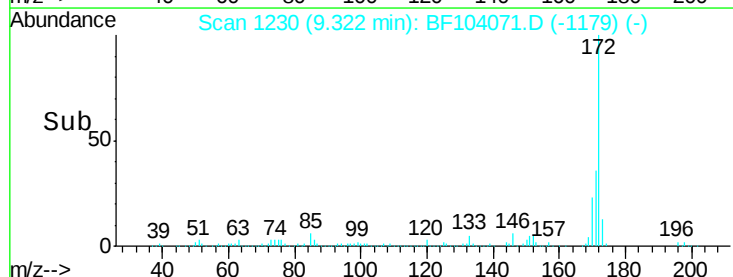
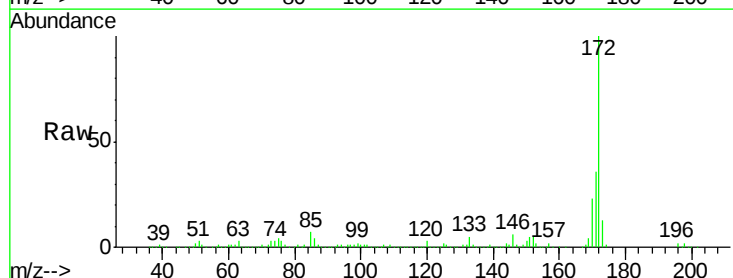
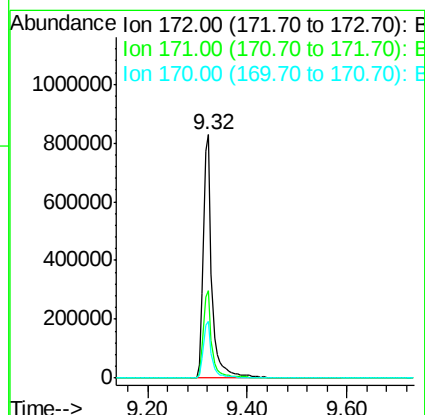
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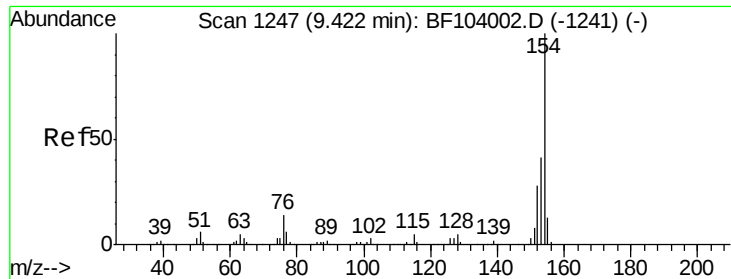
Sohil
 3/30/2018 6:02:57 PM



#44
 2-Fluorobiphenyl
 Concen: 89.263 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion:	172	Resp:	993766
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.7	44.5
170	23.4	19.6	29.4





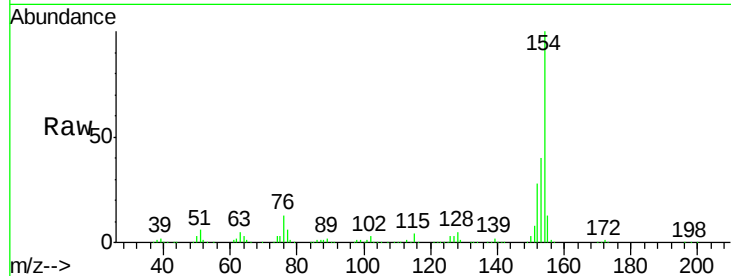
#45
 1,1'-Biphenyl
 Concen: 41.524 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

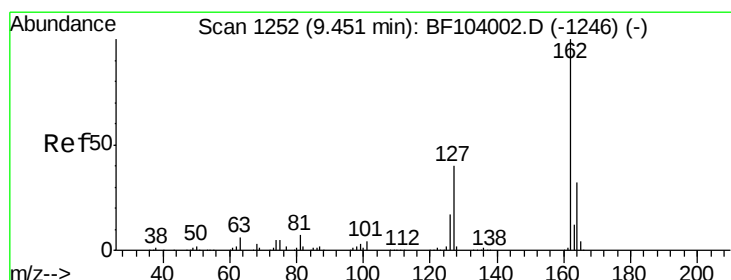
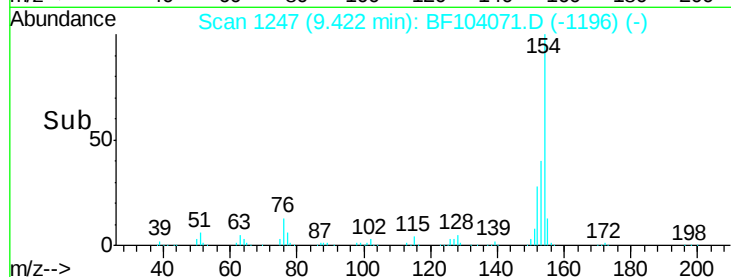
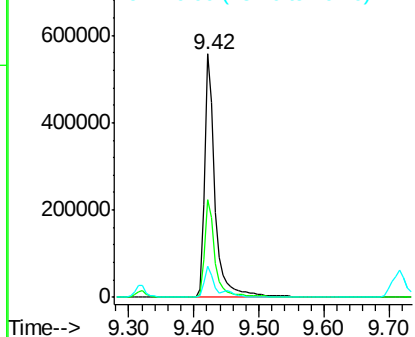
Tot Ion:	154	Resp:	625678
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	13.0	0.0	34.0

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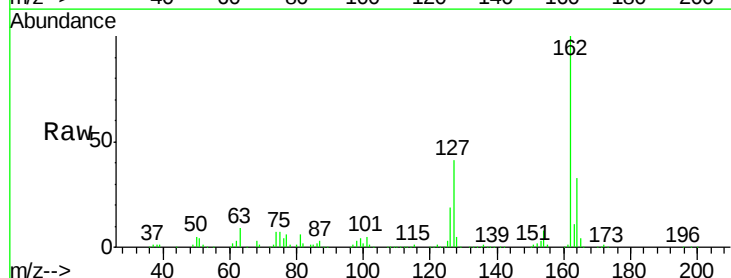


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

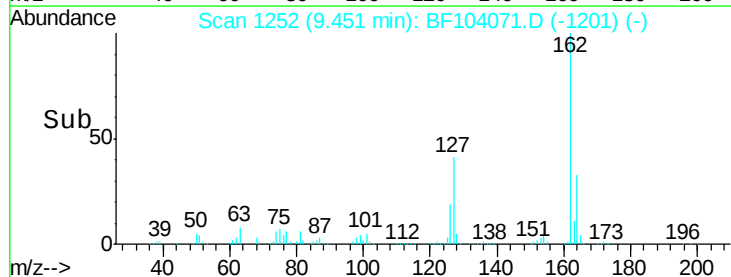
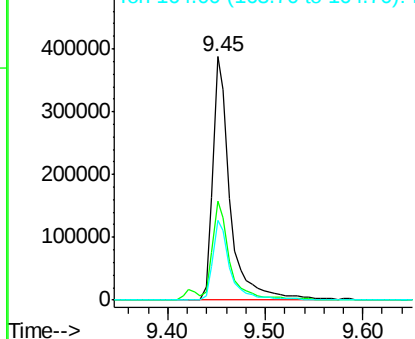


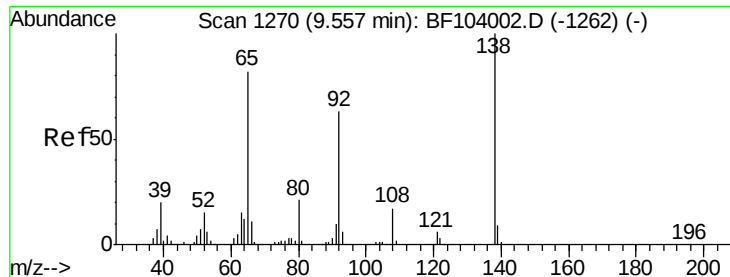
#46
 2-Chloronaphthalene
 Concen: 40.323 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion:	162	Resp:	479254
Ion Ratio	Lower	Upper	
162	100		
127	40.9	33.9	50.9
164	32.8	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





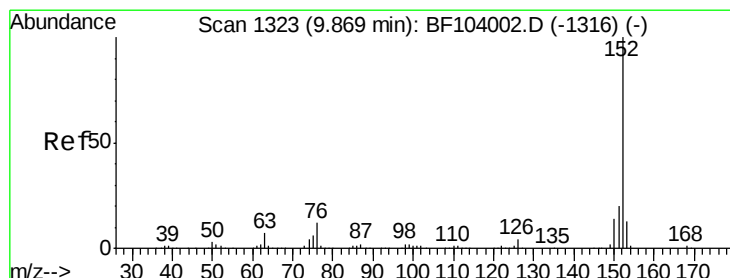
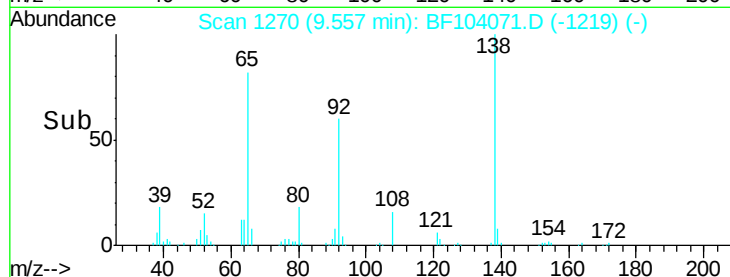
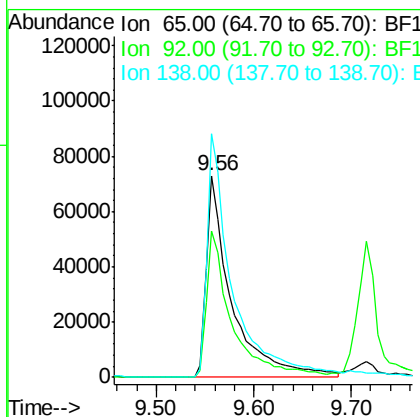
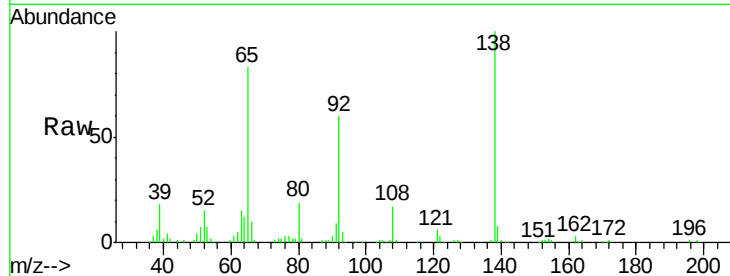
#47
2-Nitroaniline
Concen: 38.929 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.6	55.8	83.6
138	120.6	91.2	136.8

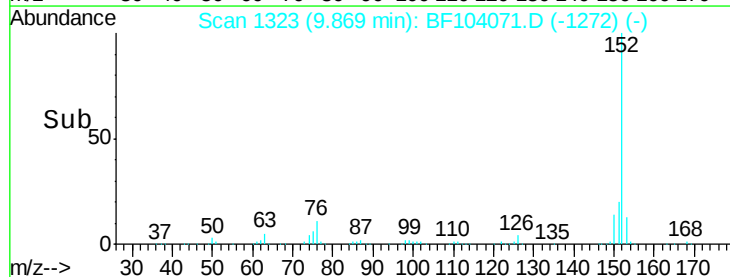
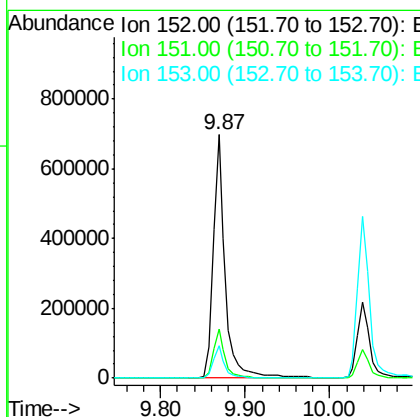
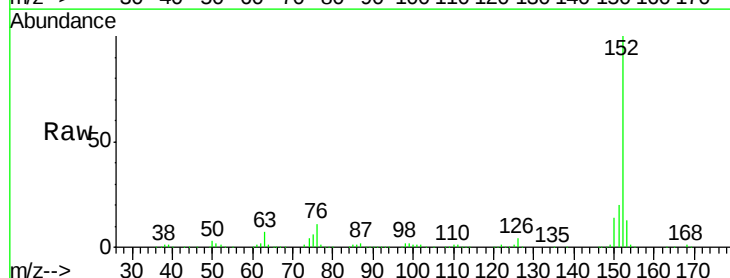
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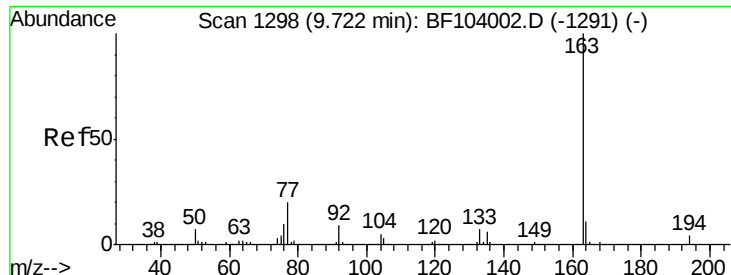
Sohil
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#48
Acenaphthylene
Concen: 39.279 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.3	10.7	16.1





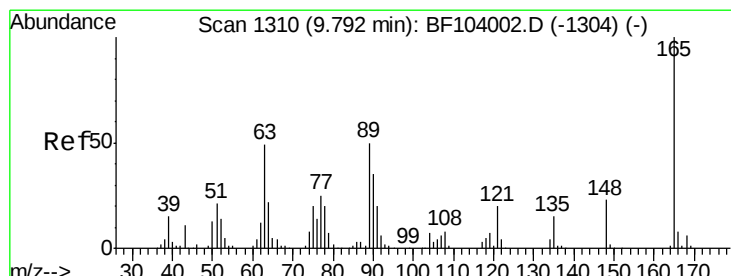
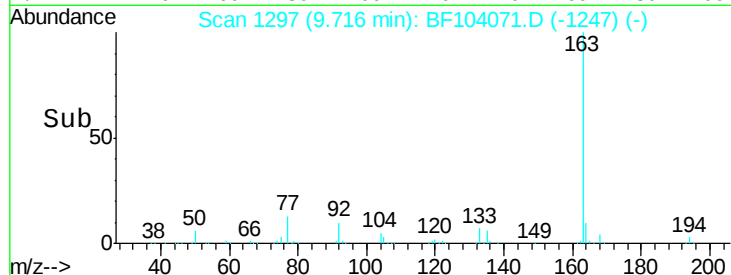
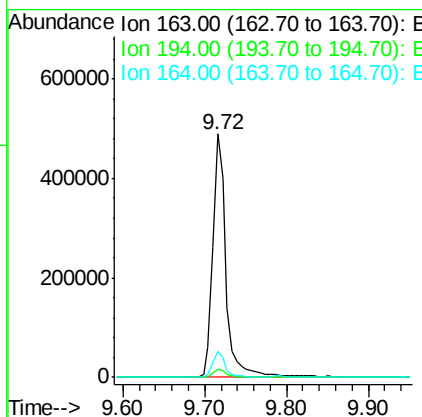
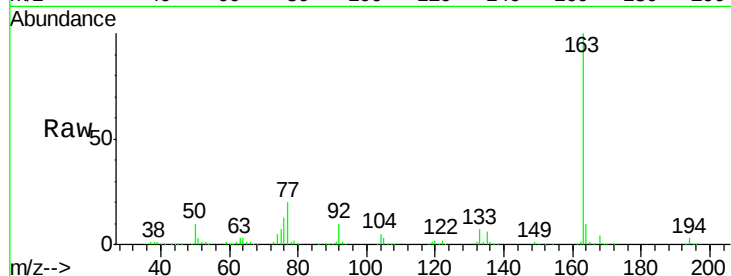
#49
Dimethylphthalate
Concen: 40.007 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.5	8.2	12.2	

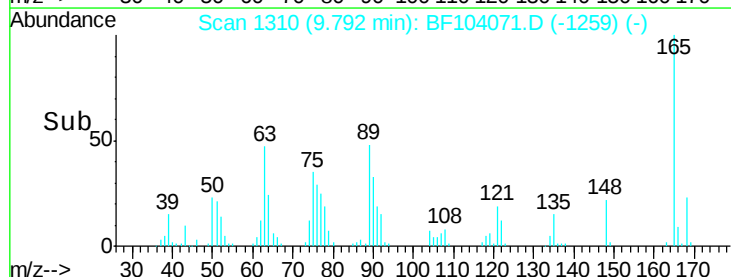
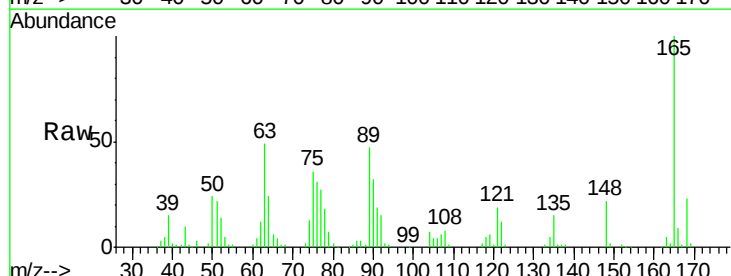
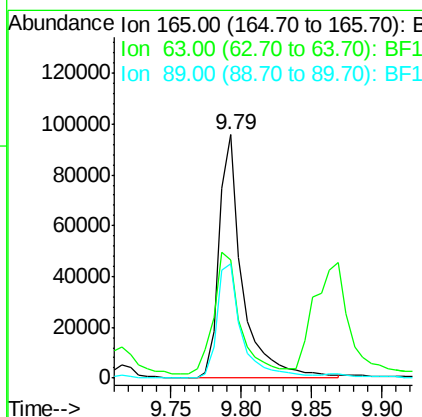
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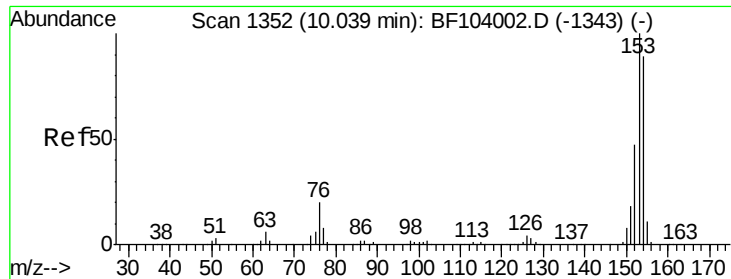
Sohil
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#50
2,6-Dinitrotoluene
Concen: 36.958 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.8	44.7	67.1	
89	47.1	44.0	66.0	





#51

Acenaphthene

Concen: 39.597 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

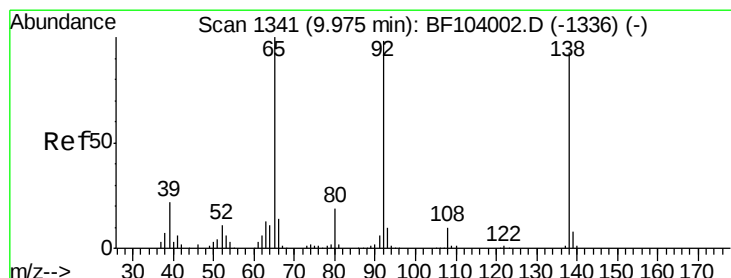
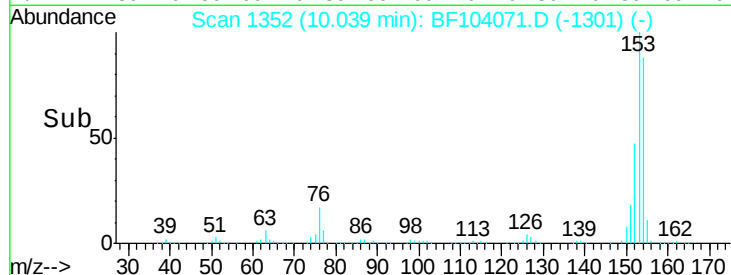
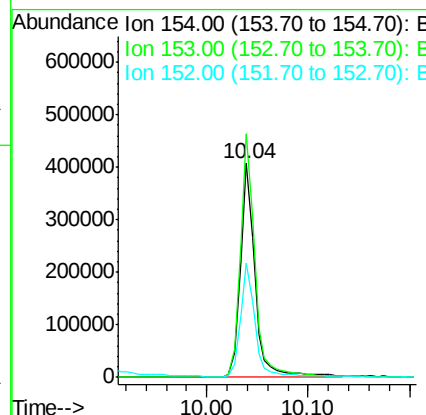
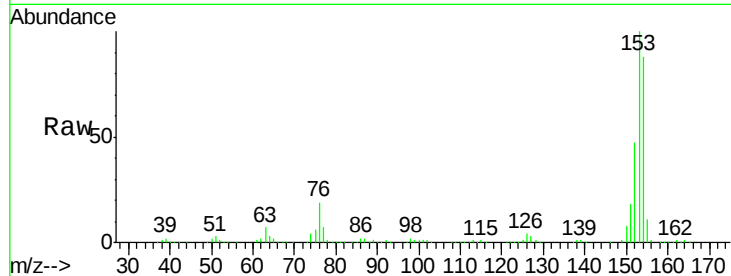
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	412460
Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	53.7	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 38.259 ng

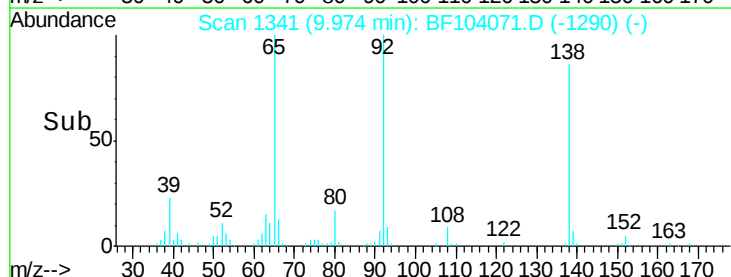
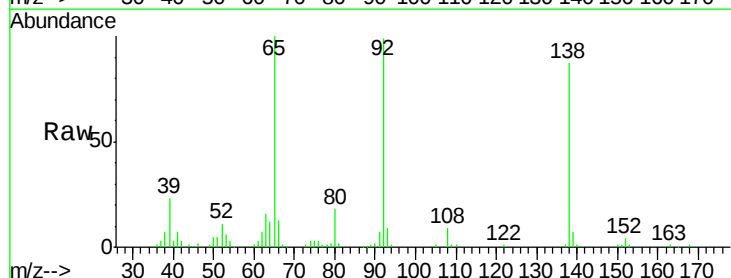
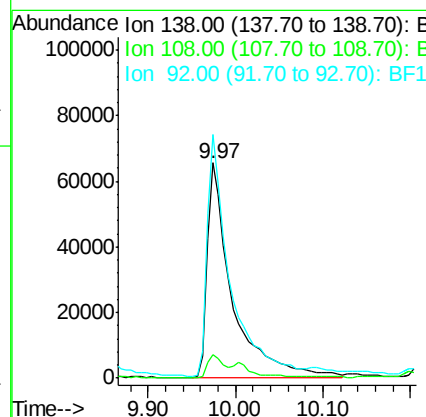
RT: 9.97 min Scan# 1341

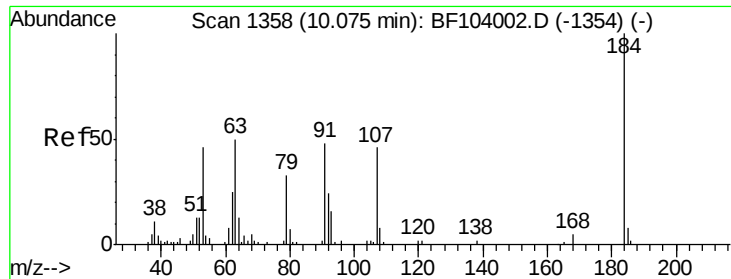
Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Tgt Ion:	138	Resp:	131152
Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	113.1	89.4	134.2





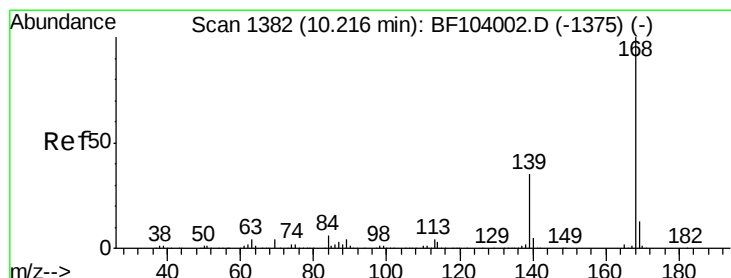
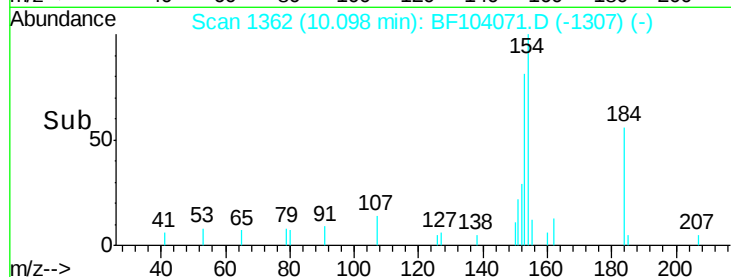
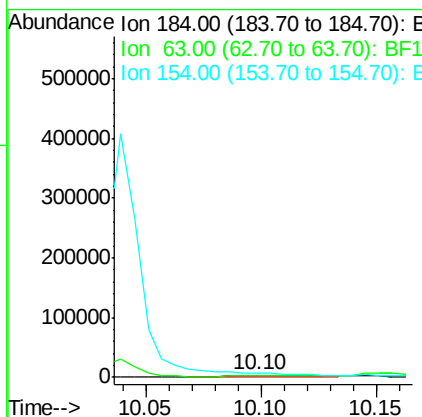
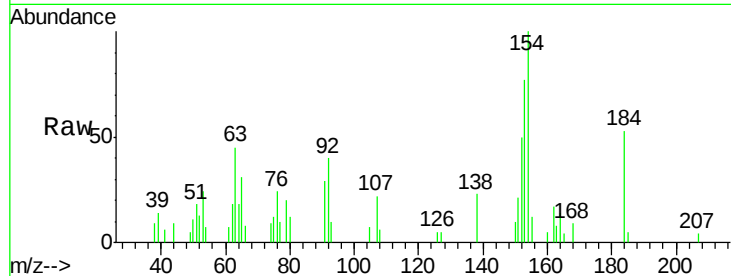
#53
2,4-Dinitrophenol
Concen: 12.123 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.02 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:184 Resp: 9167
Ion Ratio Lower Upper
184 100
63 85.8 54.2 81.2#
154 189.7 184.0 276.0

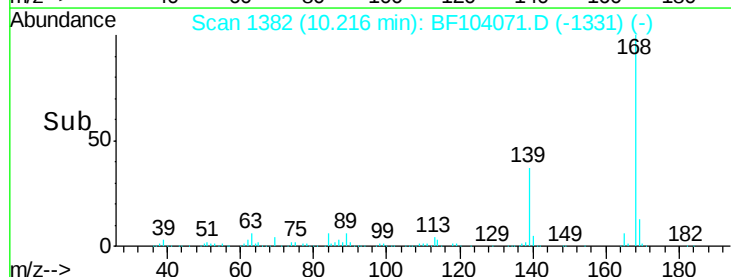
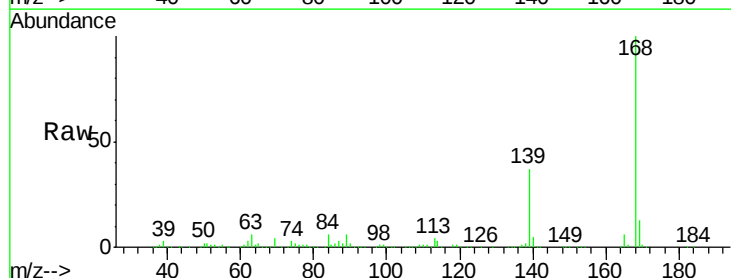
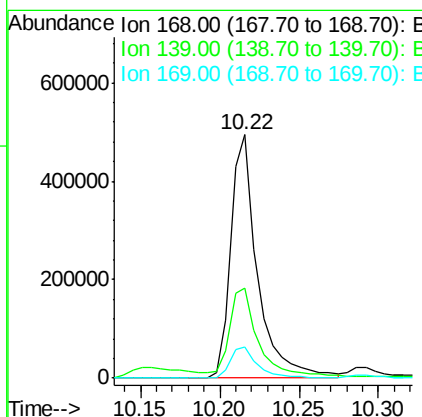
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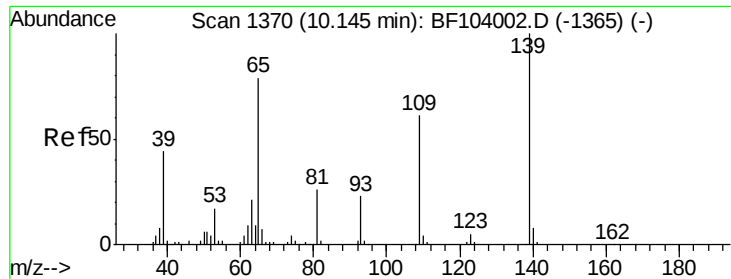
Sohil
3/30/2018 6:02:57 PM



#54
Dibenzofuran
Concen: 38.094 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion:168 Resp: 579457
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 12.9 10.9 16.3





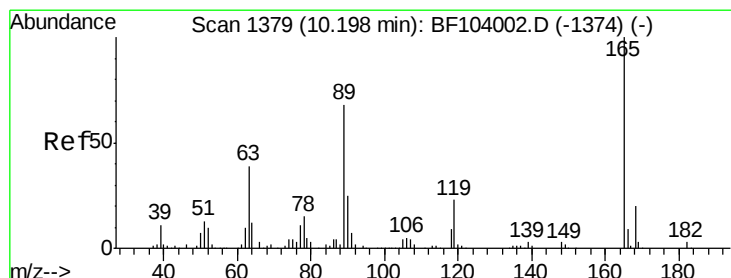
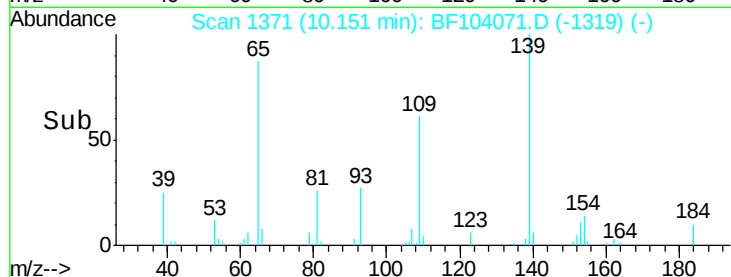
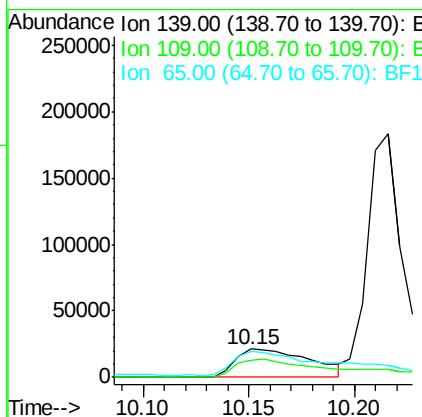
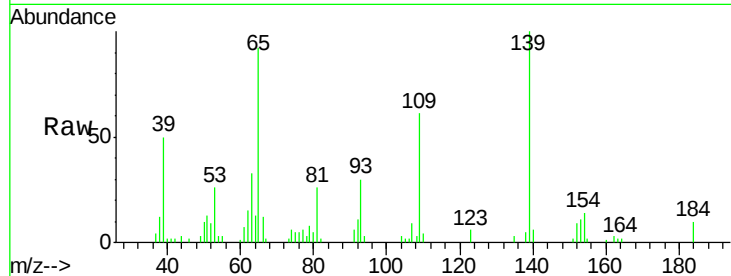
#55
4-Nitrophenol
Concen: 25.342 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.1	48.4	88.4
65	92.2	72.6	112.6

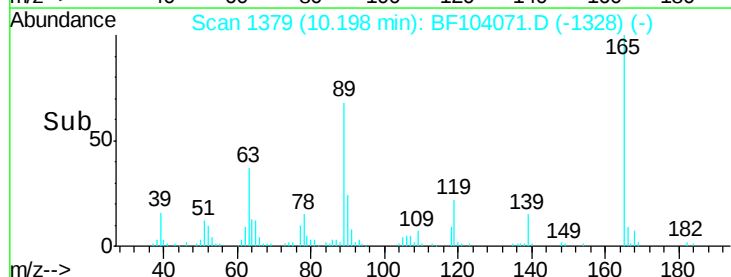
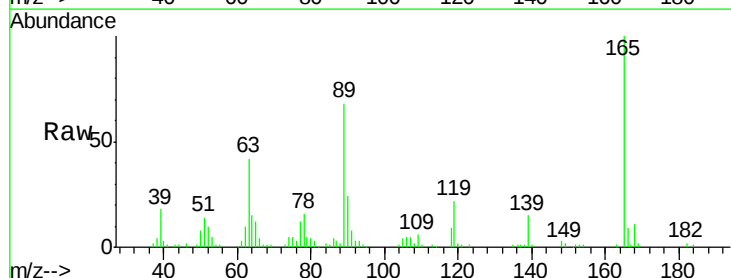
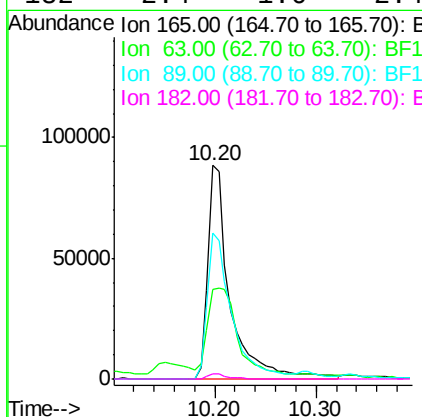
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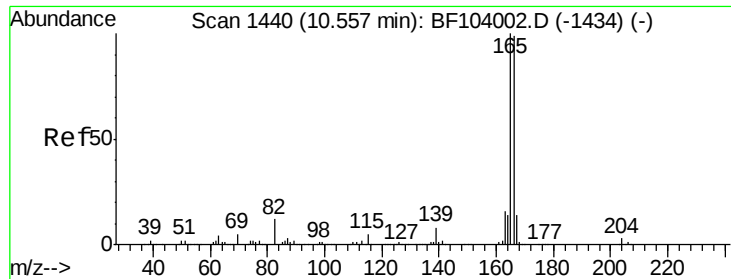
Sohil
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#56
2,4-Dinitrotoluene
Concen: 35.674 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.8	36.4	54.6
89	68.4	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 36.885 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:166 Resp: 462810

Ion Ratio Lower Upper

166 100

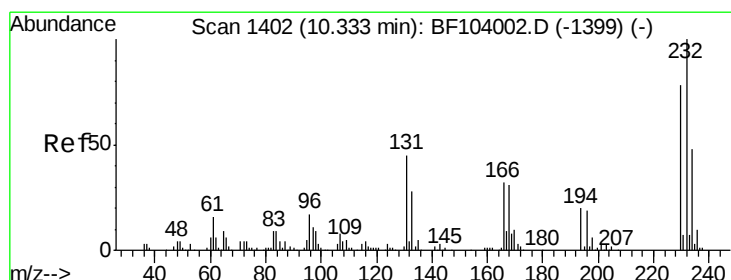
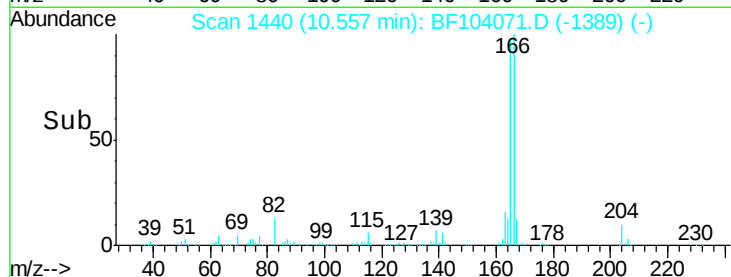
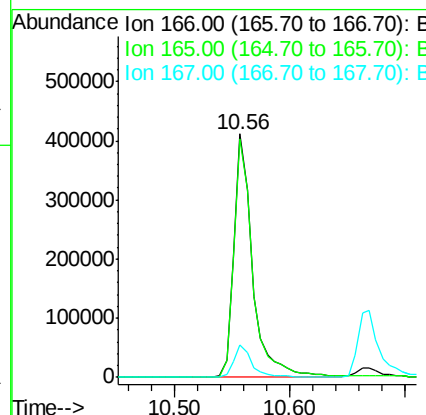
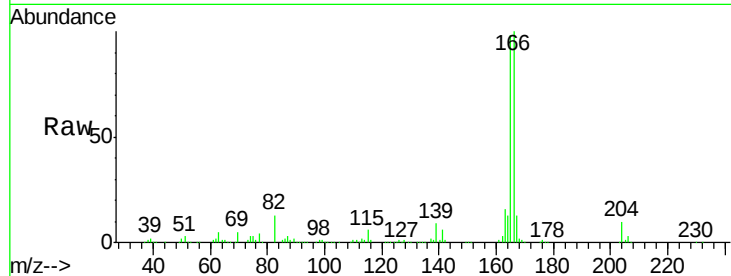
165 98.2 79.8 119.8

167 13.5 10.6 16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.928 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Tgt Ion:232 Resp: 110794

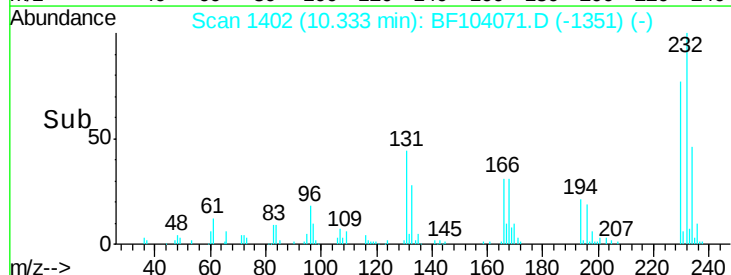
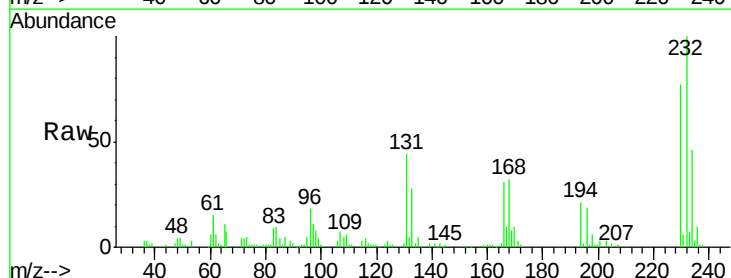
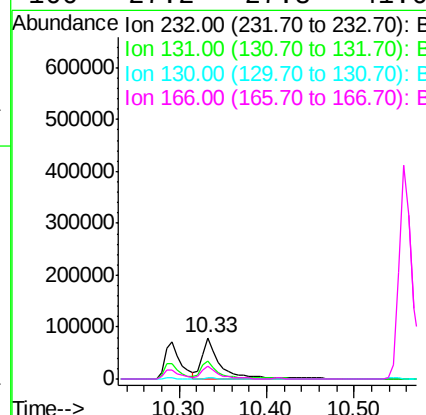
Ion Ratio Lower Upper

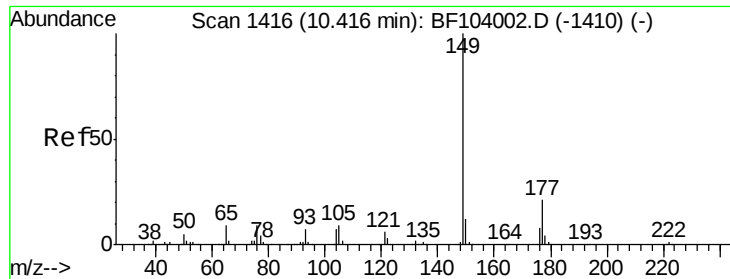
232 100

131 43.9 43.8 65.8

130 2.2 2.1 3.1

166 27.2 27.8 41.6#





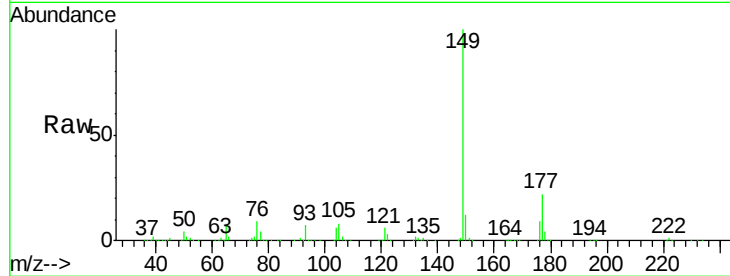
#59
Diethylphthalate
Concen: 39.312 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

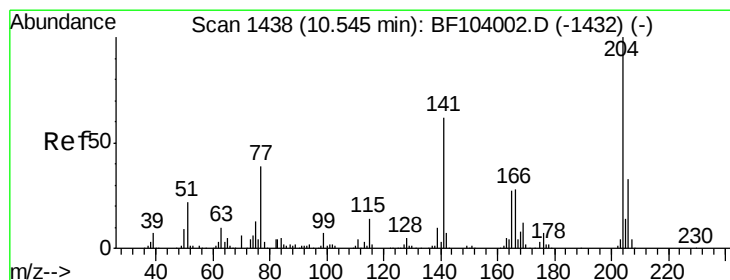
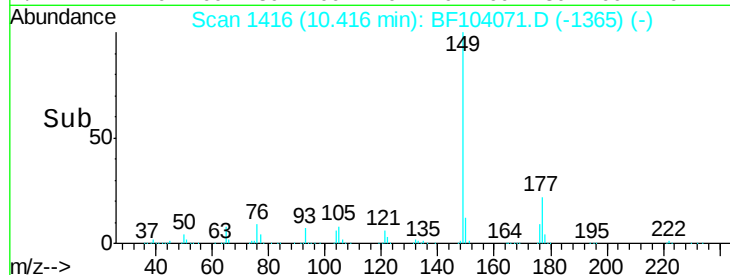
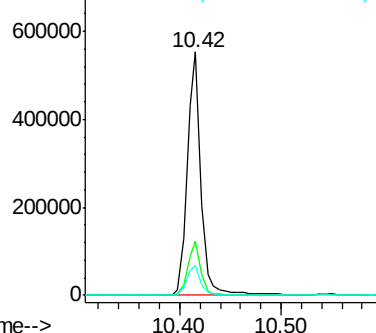
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.1	24.1
150	12.2	10.1	15.1

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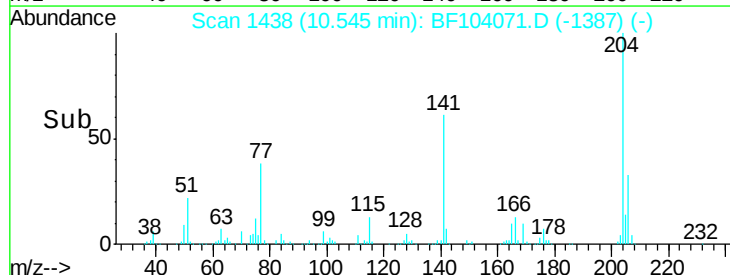
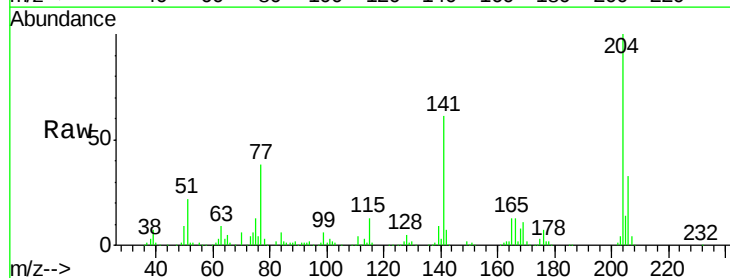
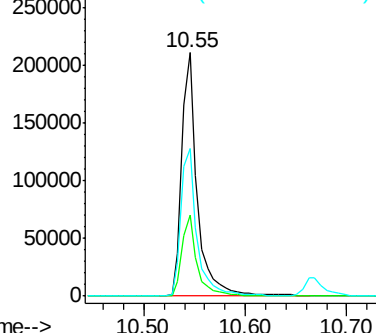
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

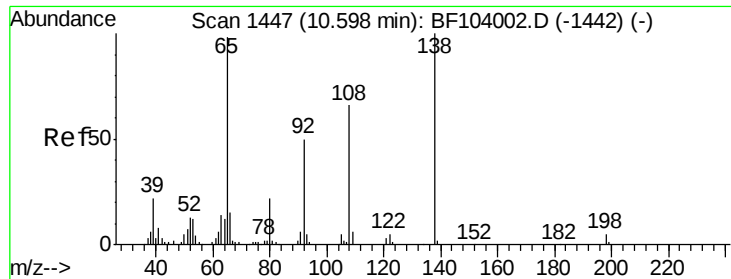


#60
4-Chlorophenyl-phenylether
Concen: 39.346 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	60.5	54.6	81.8

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





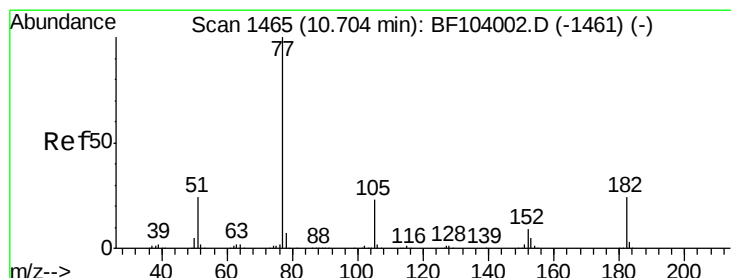
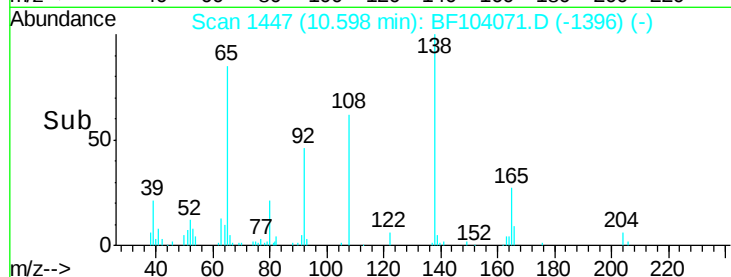
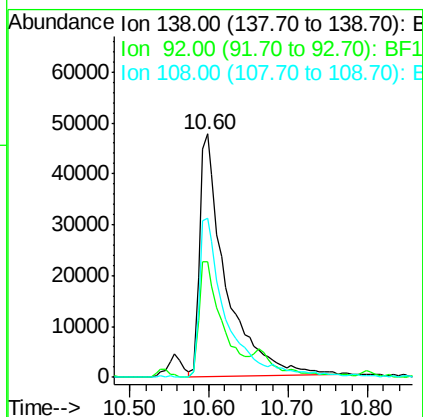
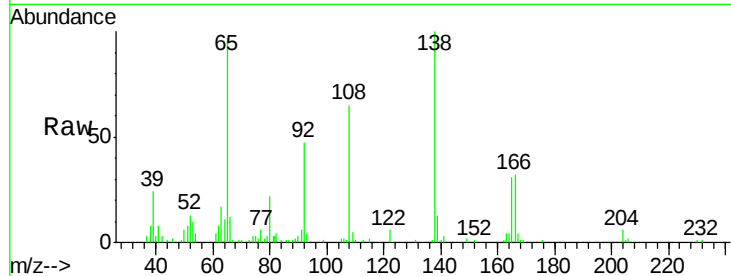
#61
4-Nitroaniline
Concen: 33.928 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	65.5	52.5	92.5

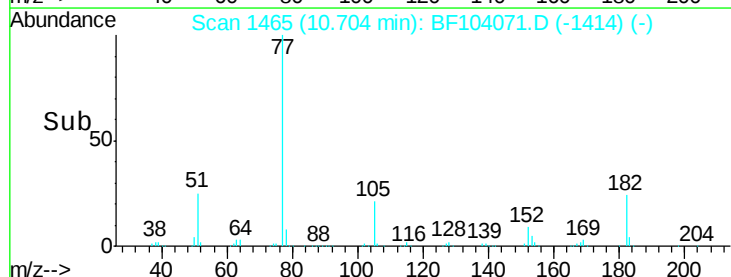
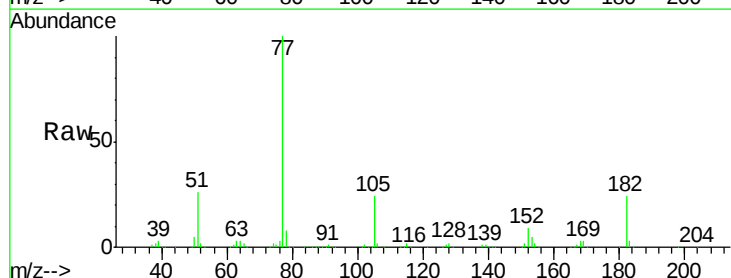
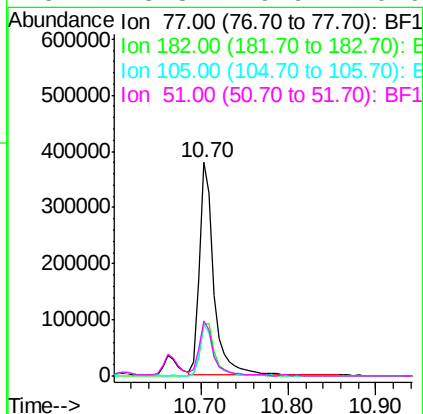
Manual Integrations
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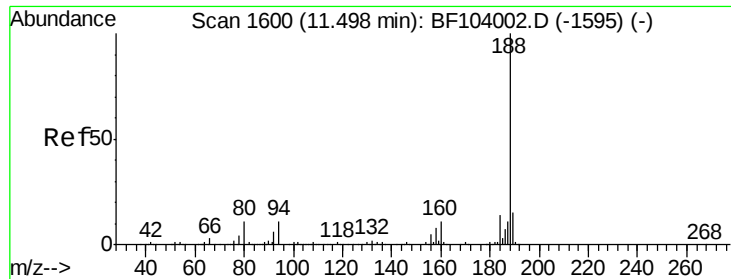
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#62
Azobenzene
Concen: 36.460 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	1.7	41.7
105	24.1	3.0	43.0
51	25.8	9.9	49.9





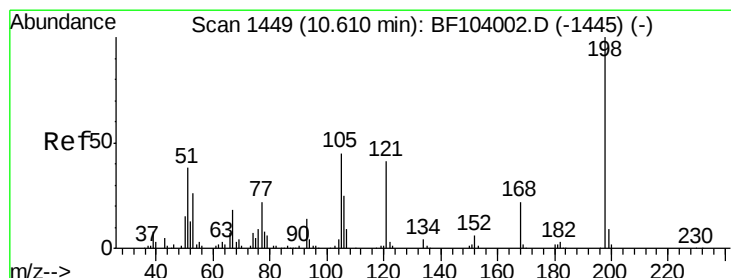
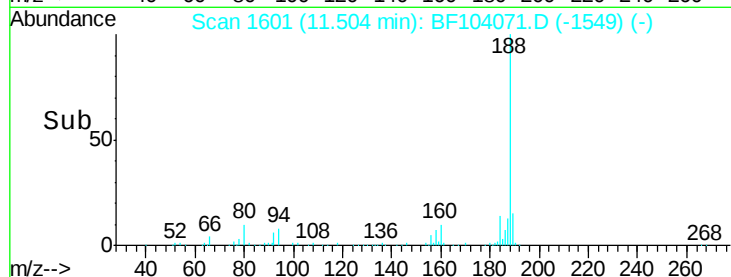
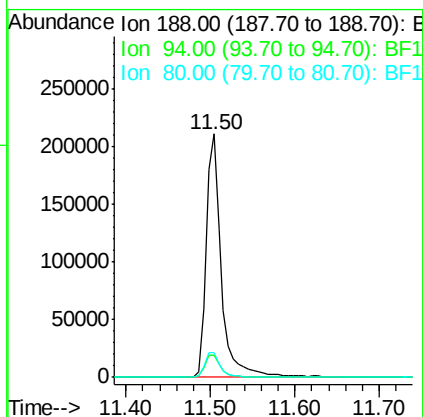
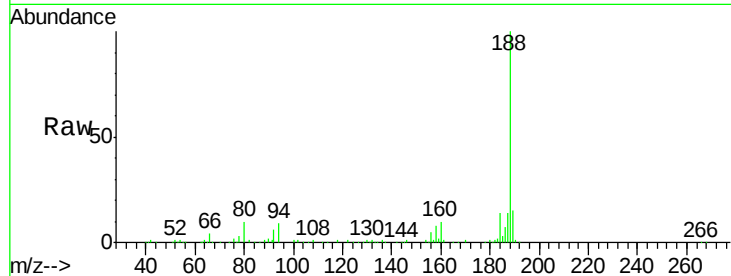
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	8.5	12.7
80	9.9	9.2	13.8

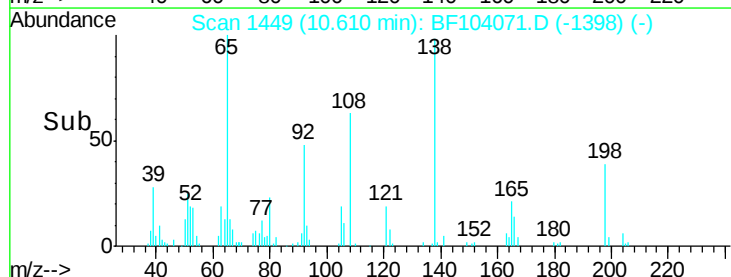
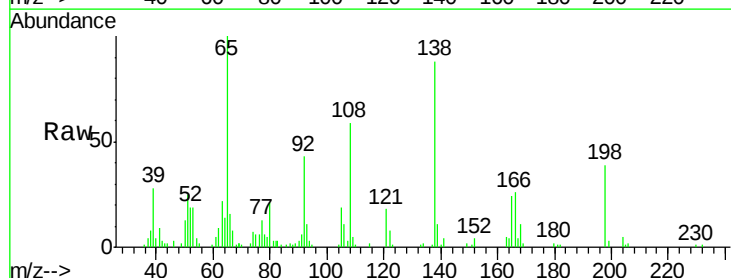
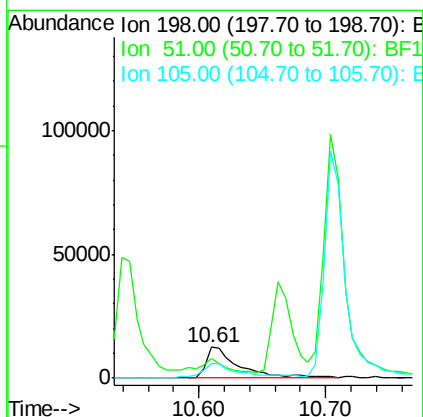
Manual Integrations
APPROVED

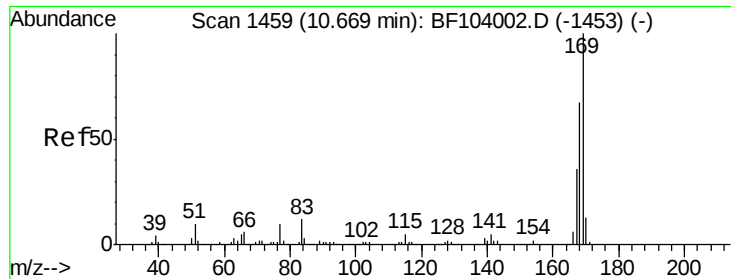
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#64
4,6-Dinitro-2-methylphenol
Concen: 14.168 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	62.7	37.7	77.7
105	48.1	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 45.911 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

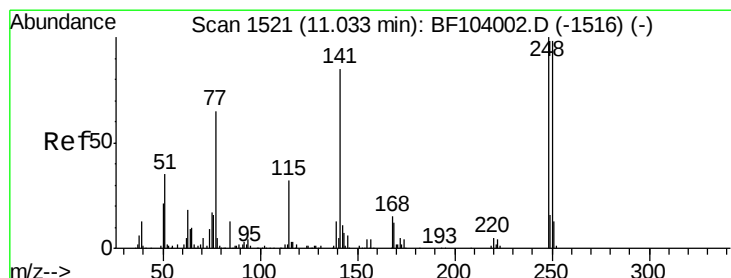
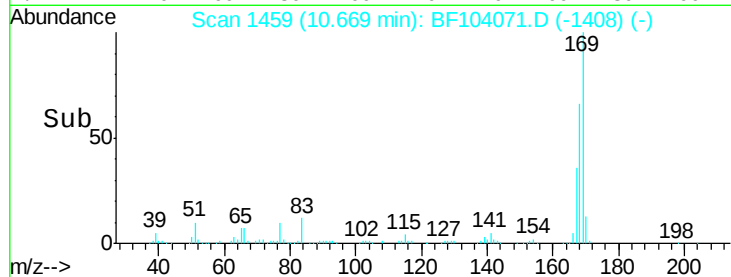
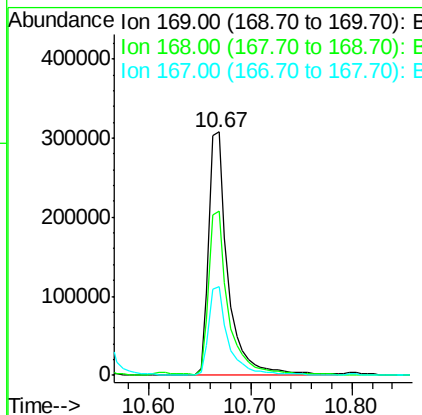
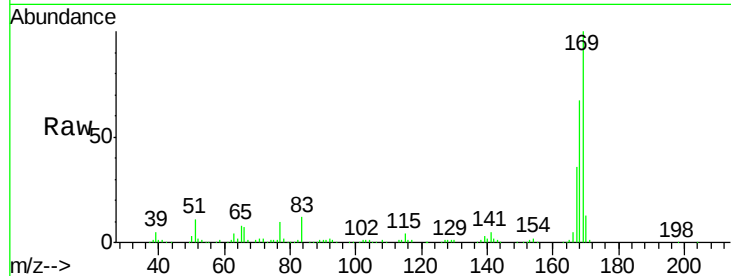
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	409960
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.4	81.6
167	36.5	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 45.903 ng

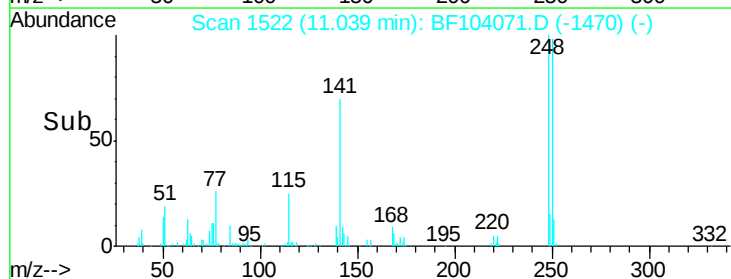
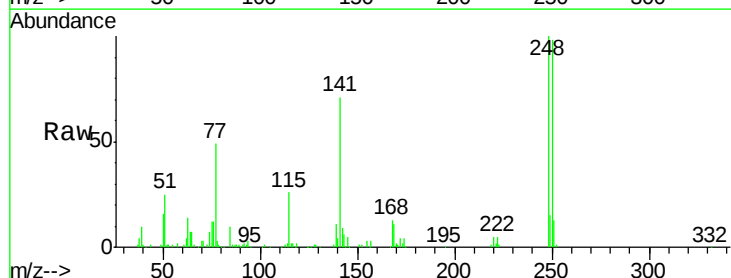
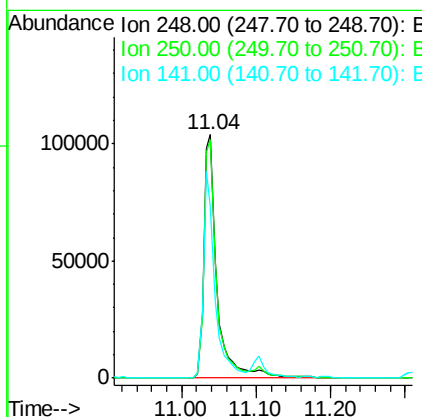
RT: 11.04 min Scan# 1522

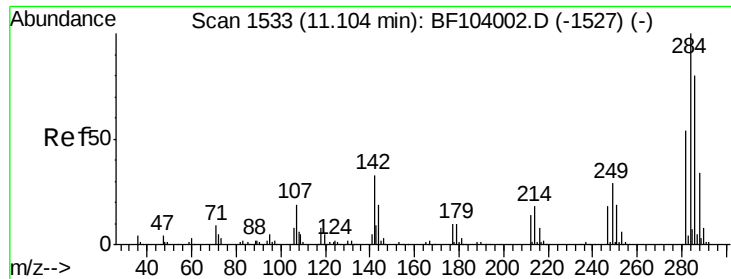
Delta R.T. 0.01 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Tgt Ion:	248	Resp:	129484
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.9	115.3
141	70.6	74.4	111.6#





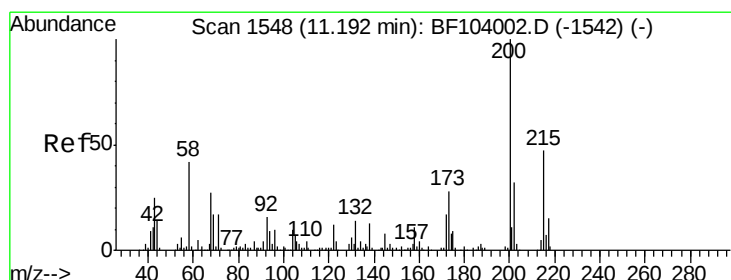
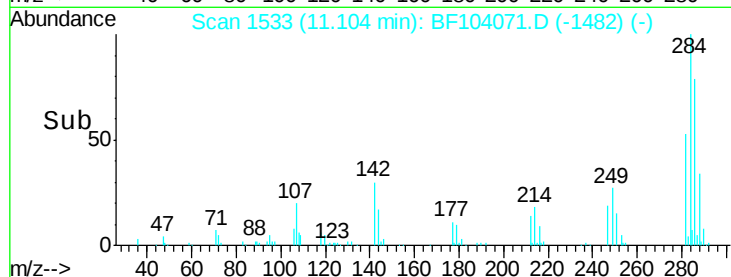
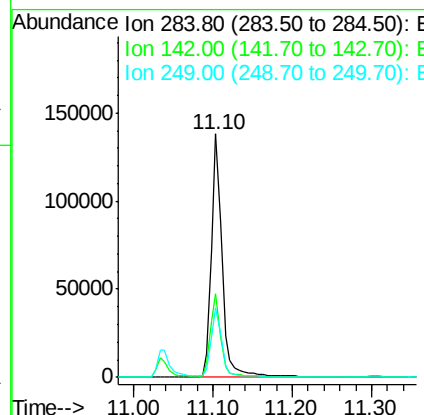
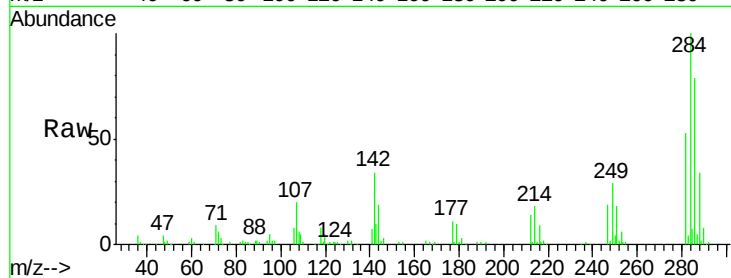
#67
Hexachlorobenzene
Concen: 40.902 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	132719		
142	34.3		34.6	52.0#
249	28.8		24.8	37.2

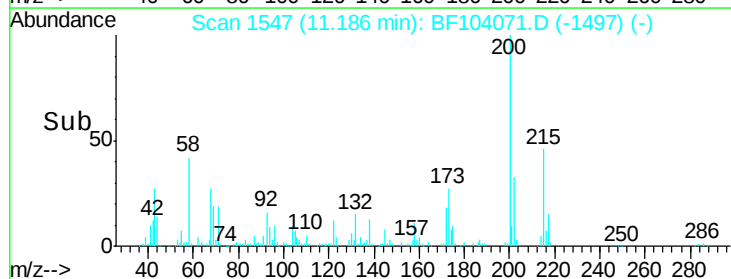
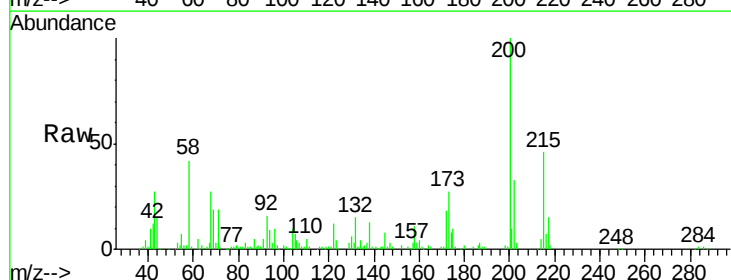
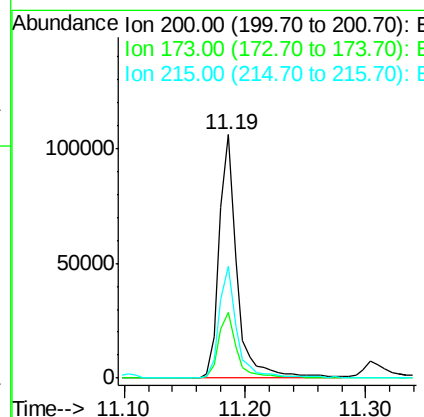
Manual Integrations
APPROVED

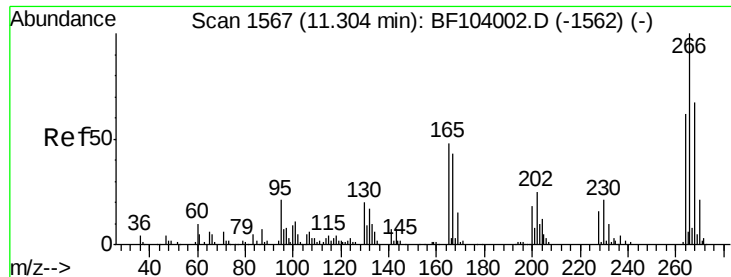
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#68
Atrazine
Concen: 39.301 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	107511		
173	27.1		8.6	48.6
215	45.7		25.1	65.1





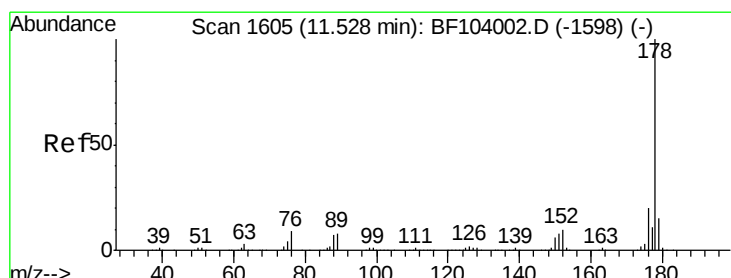
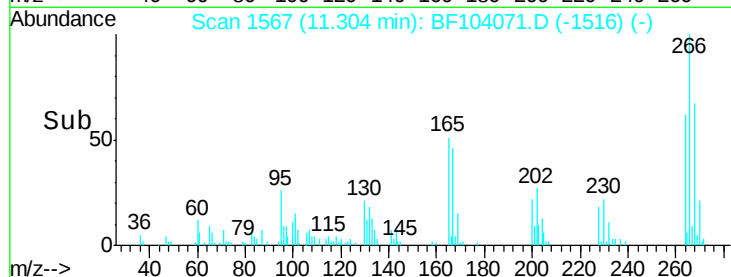
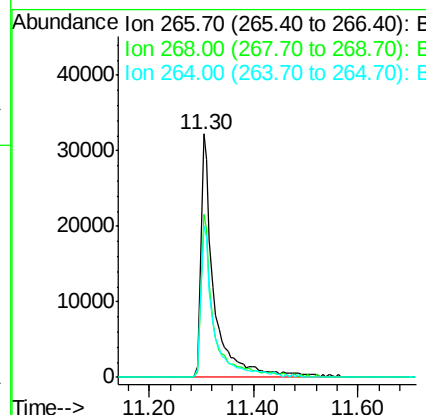
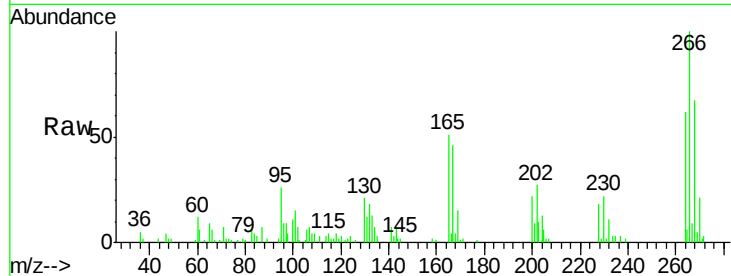
#69
 Pentachlorophenol
 Concen: 32.090 ng/mL
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	51.1	76.7
264	62.2	49.5	74.3

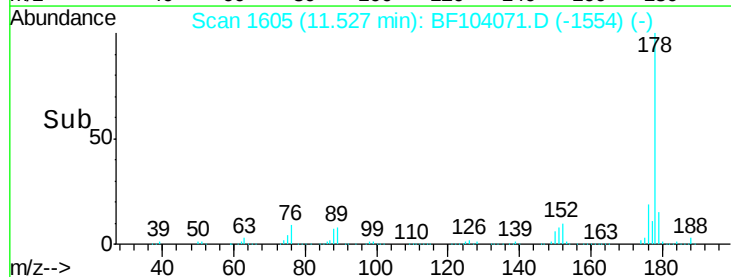
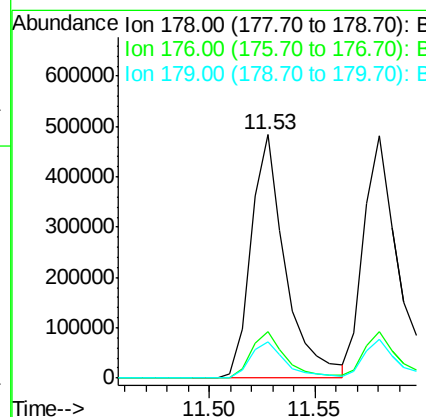
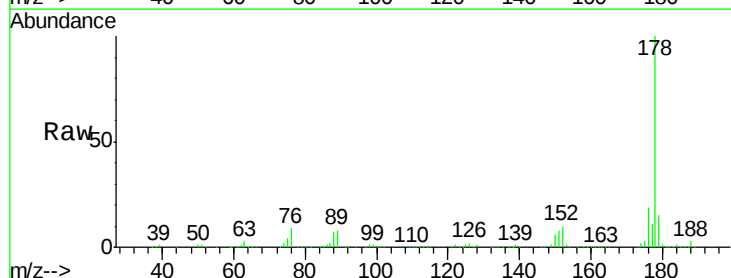
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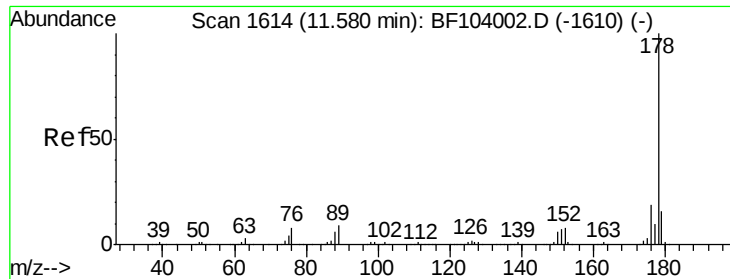
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#70
 Phenanthrene
 Concen: 38.217 ng/mL
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.9	13.0	19.6





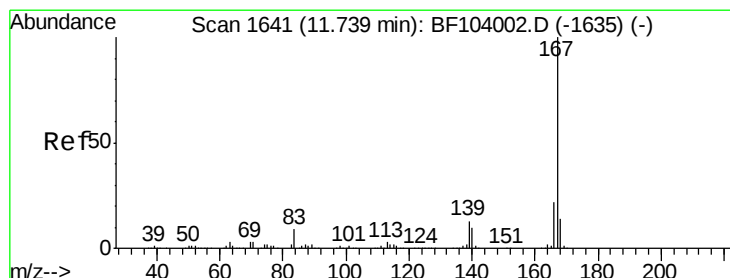
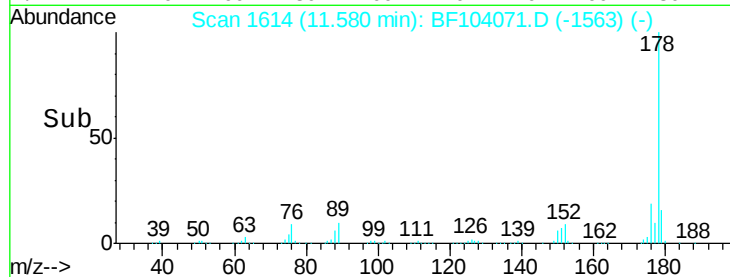
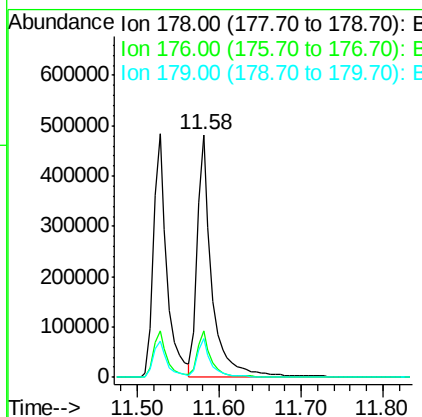
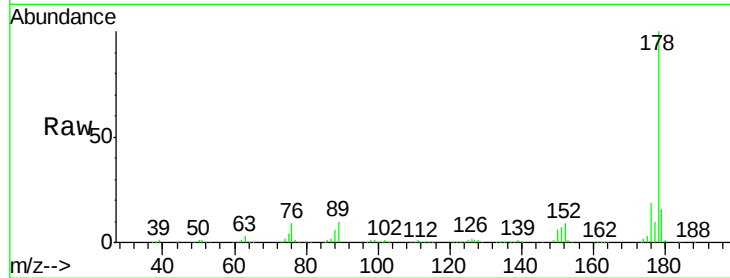
#71
 Anthracene
 Concen: 39.994 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

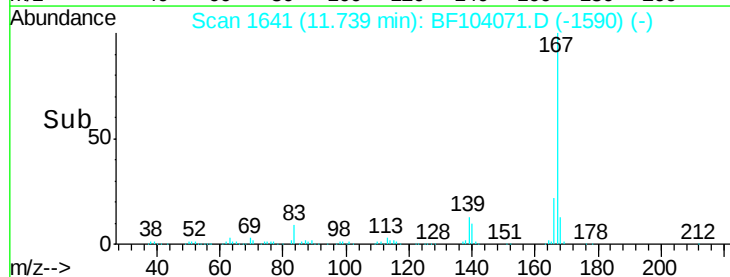
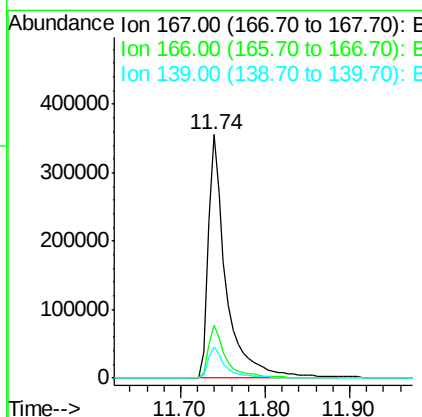
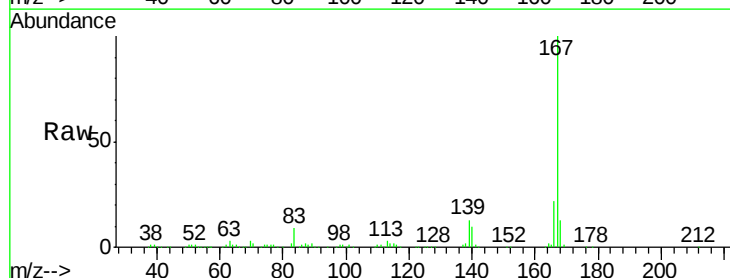
Manual Integrations
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#72
 Carbazole
 Concen: 37.015 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.343 ng

RT: 12.04 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

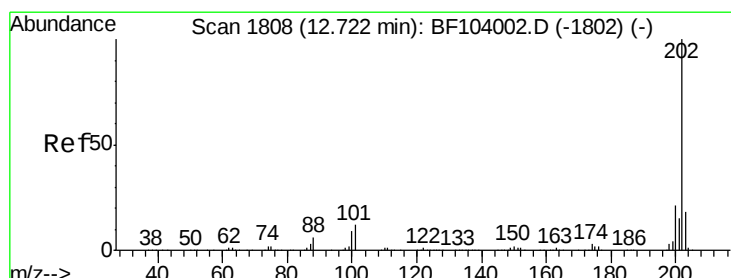
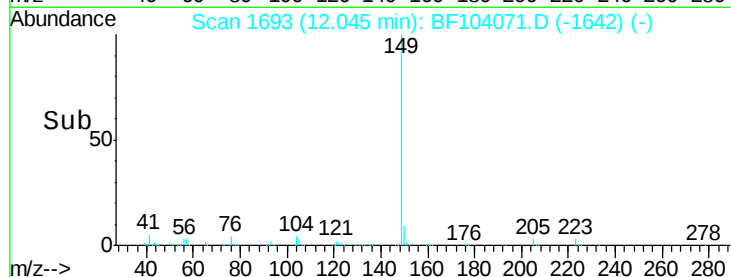
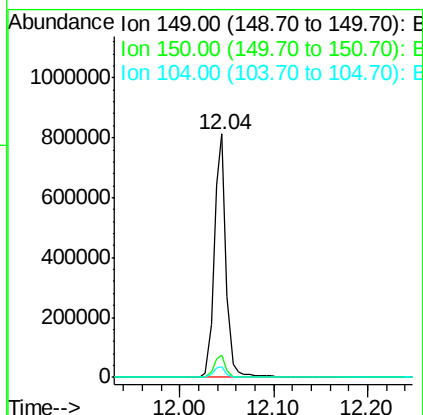
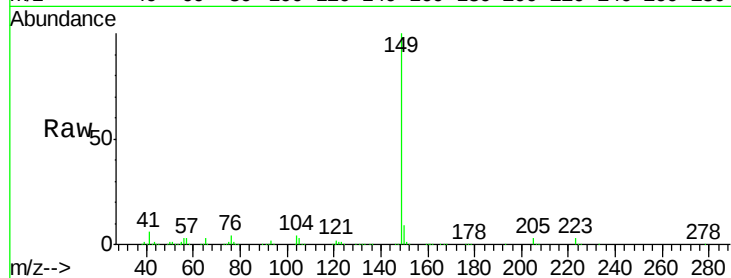
ClientSampled :

SSTDCCC040

Tot Ion:	149	Resp:	717779
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 32.854 ng

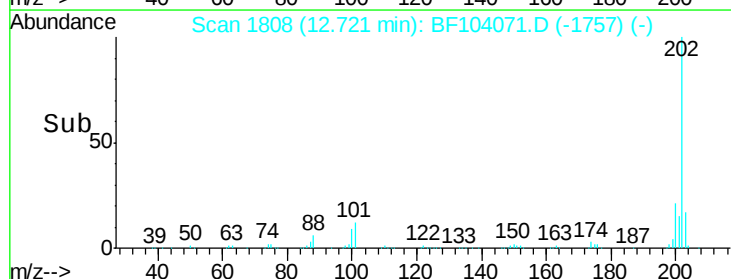
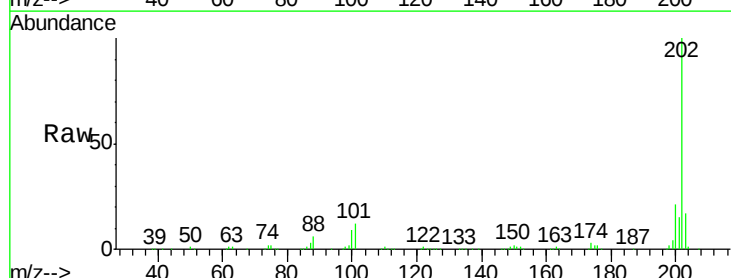
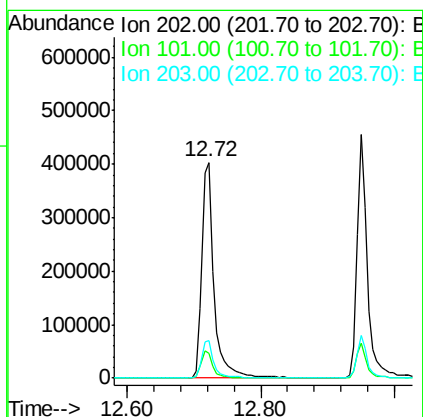
RT: 12.72 min Scan# 1808

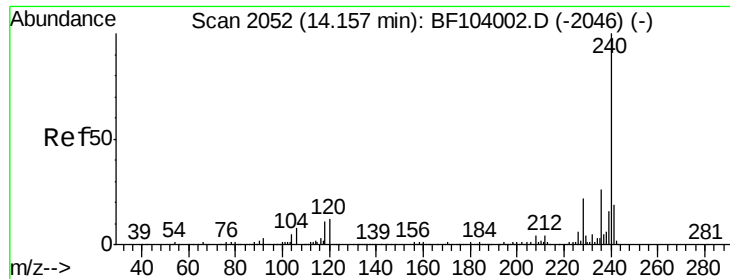
Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Tgt Ion:	202	Resp:	498520
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Instrument :

BNA_F

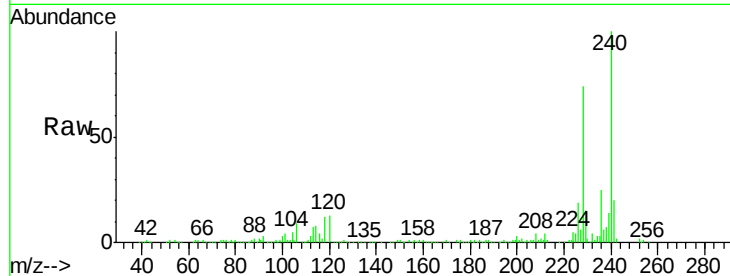
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	188273
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	25.1	20.7	31.1

Manual Integrations
APPROVED

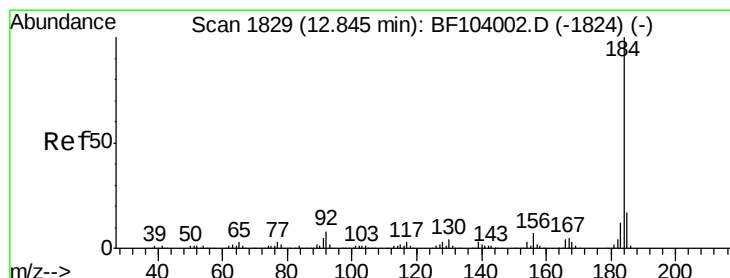
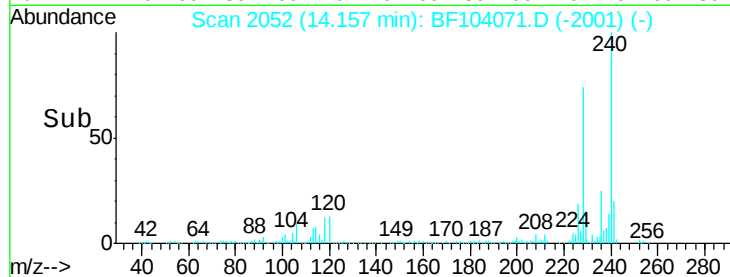
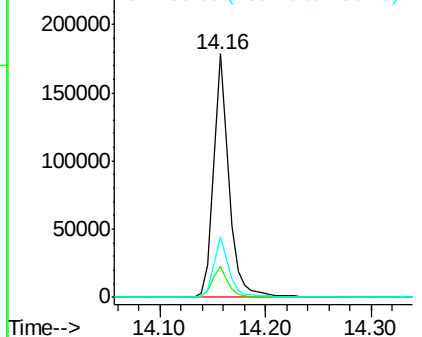
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.698 ng

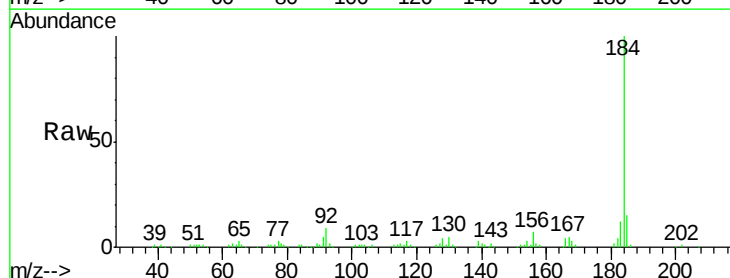
RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

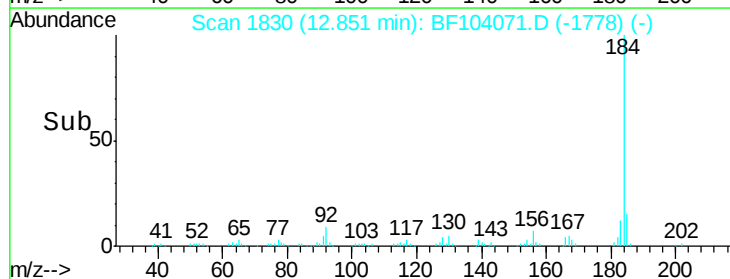
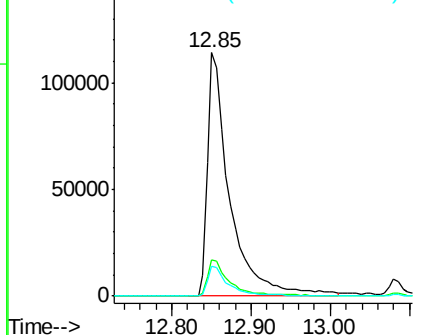
Tgt Ion:	184	Resp:	223725
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	12.3	9.3	13.9

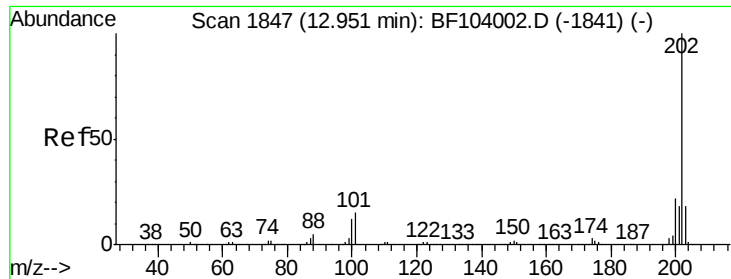


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





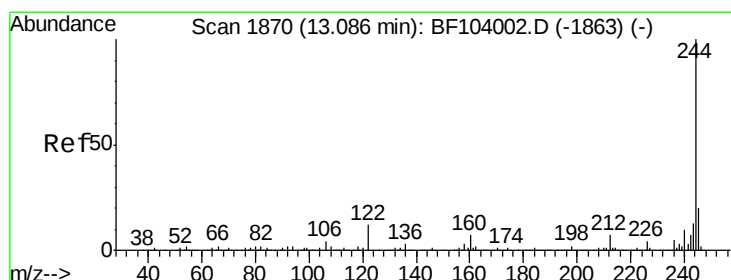
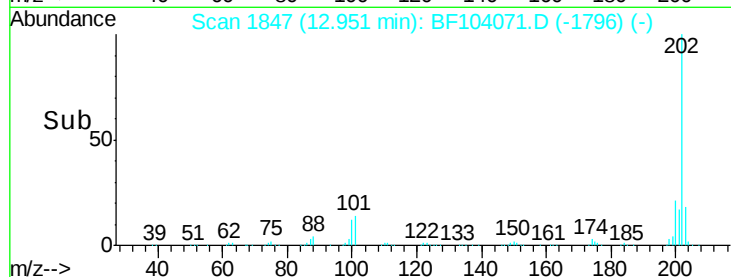
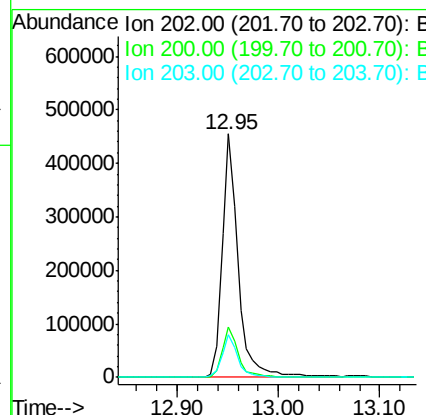
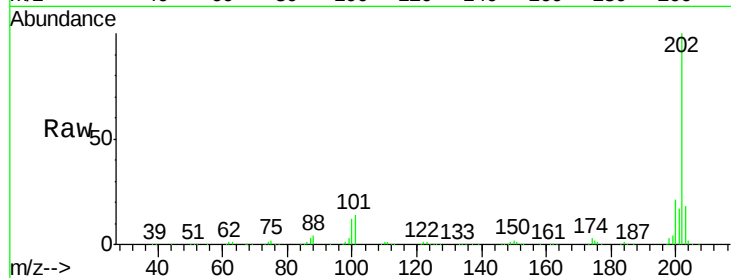
#77
Pvrene
Concen: 36.673 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.6	14.3	21.5

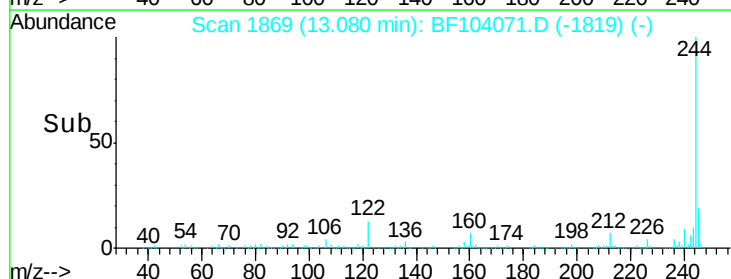
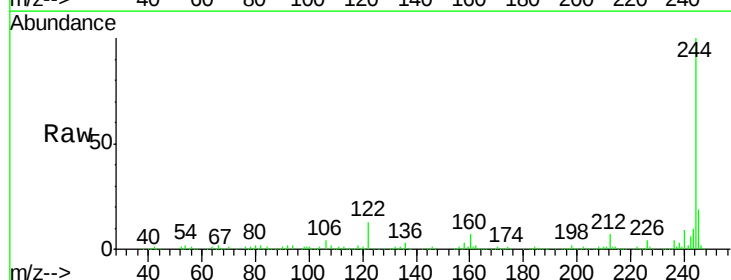
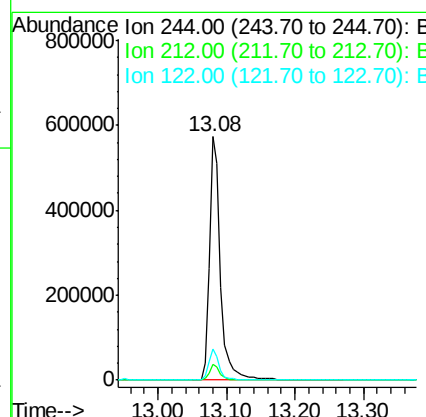
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#78
Terphenyl-d14
Concen: 80.124 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.7	11.0	16.4





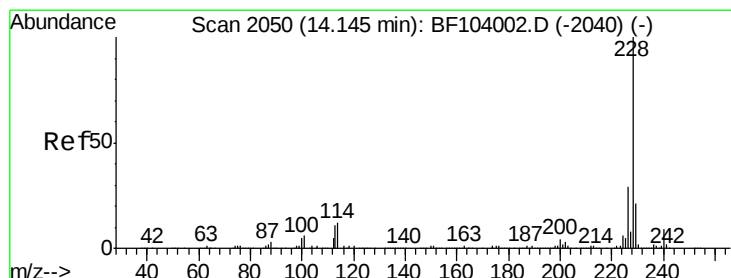
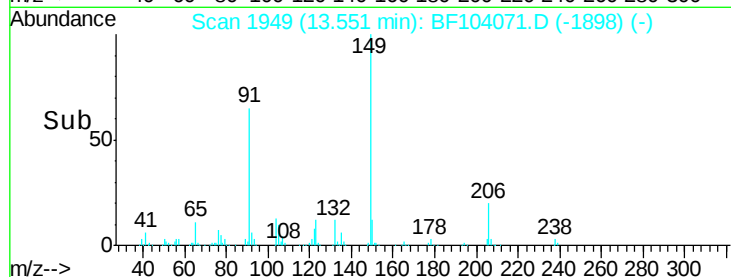
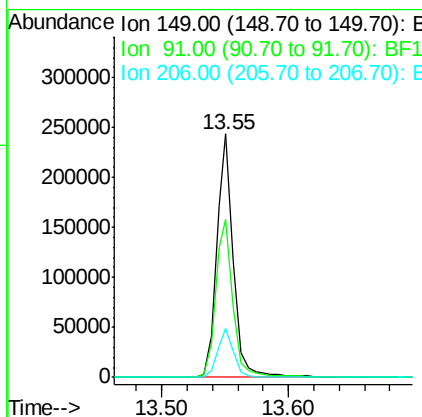
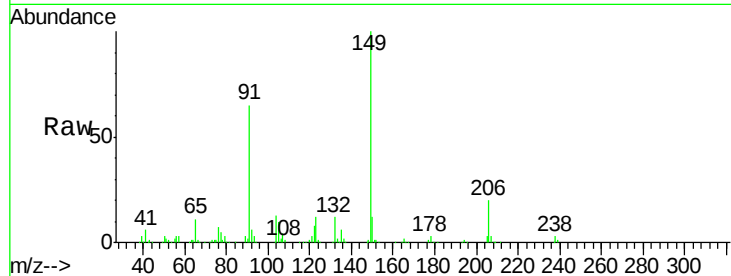
#79
Butylbenzylphthalate
Concen: 35.260 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.0	56.8	85.2
206	20.1	14.1	21.1

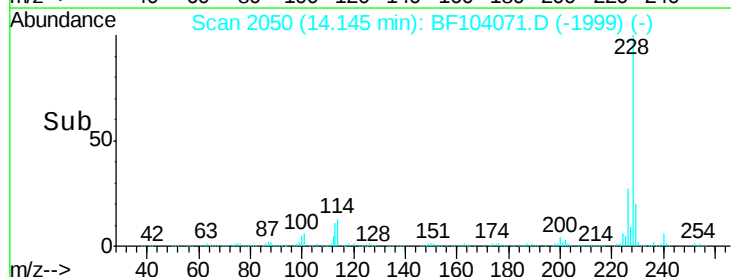
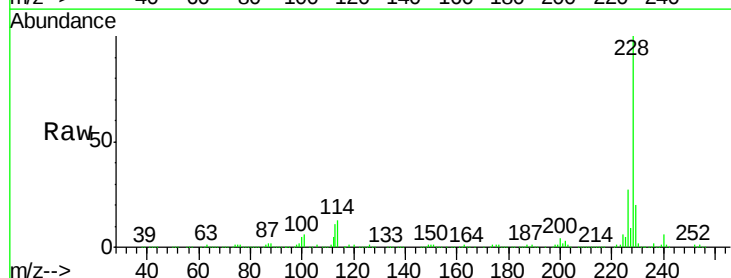
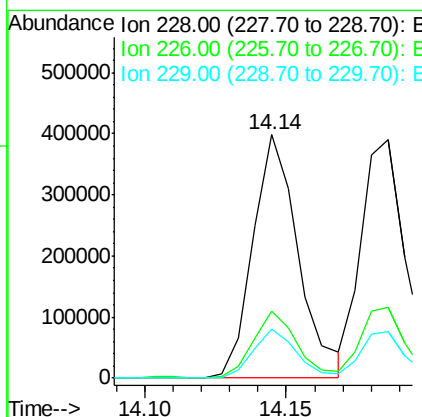
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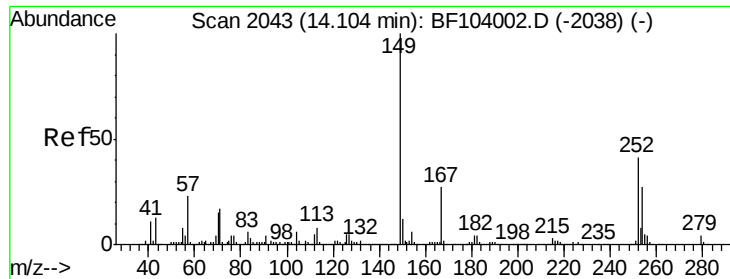
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#80
Benzo(a)anthracene
Concen: 37.662 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.0	15.8	23.6





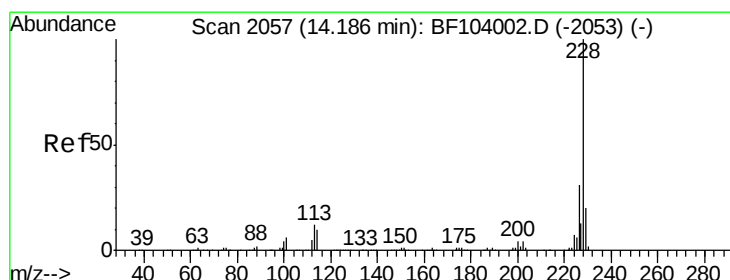
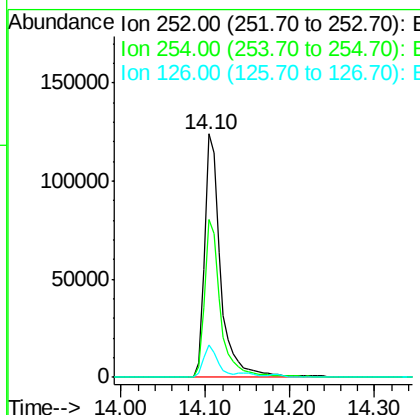
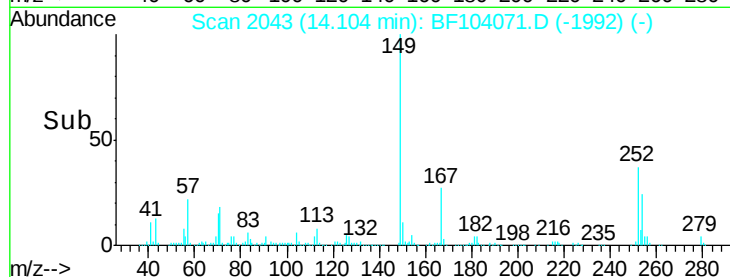
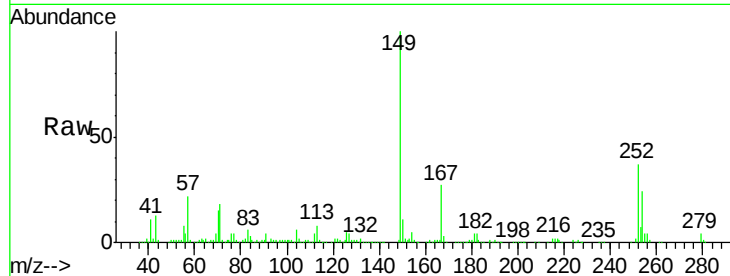
#81
 3,3'-Dichlorobenzidine
 Concen: 42.089 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	164124		
254	64.6	50.4	75.6	
126	13.3	11.3	16.9	

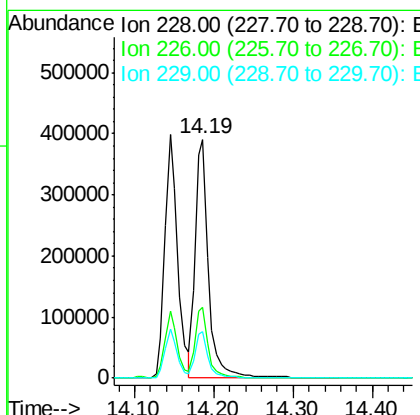
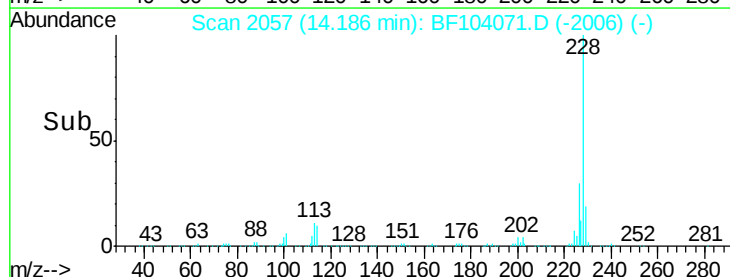
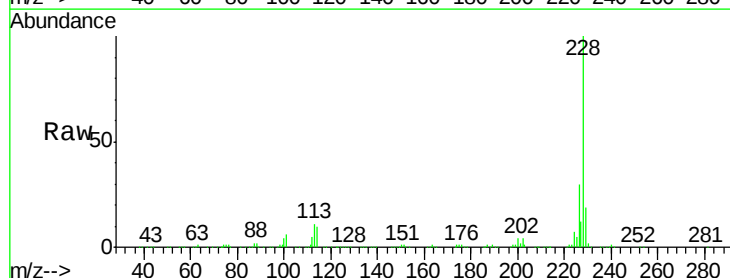
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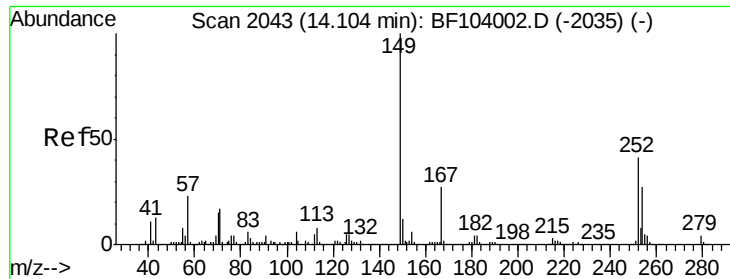
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#82
 Chrysene
 Concen: 40.027 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	461852		
226	29.7	25.0	37.6	
229	19.5	16.2	24.4	





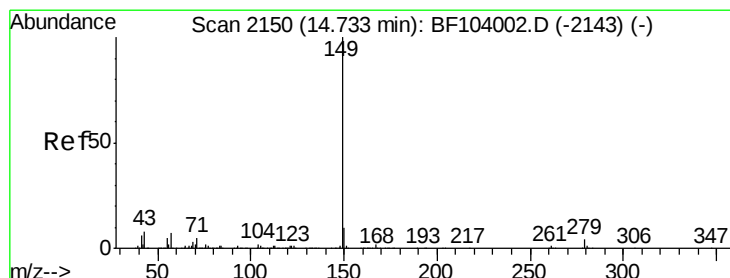
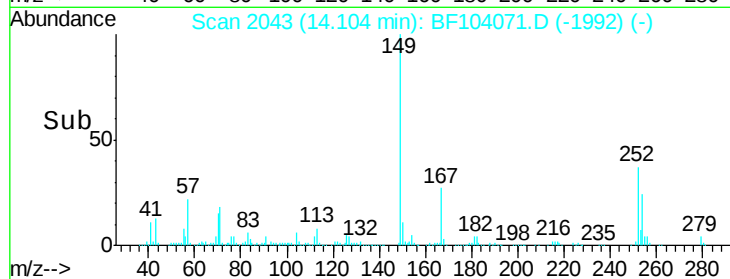
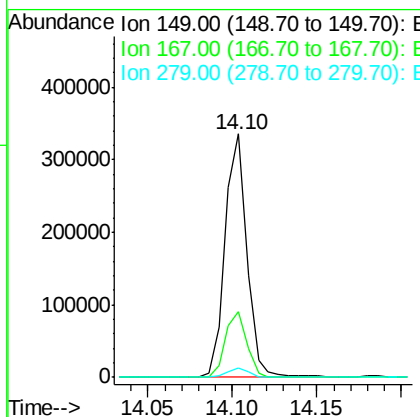
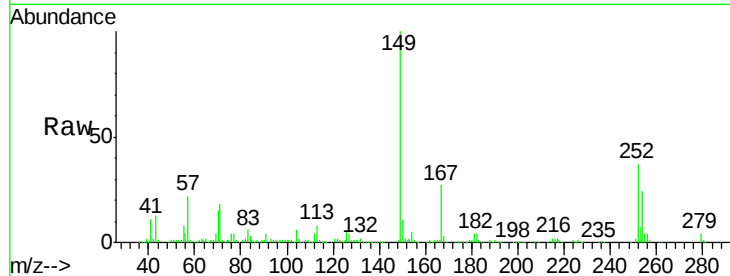
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.689 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.7	3.0	4.4

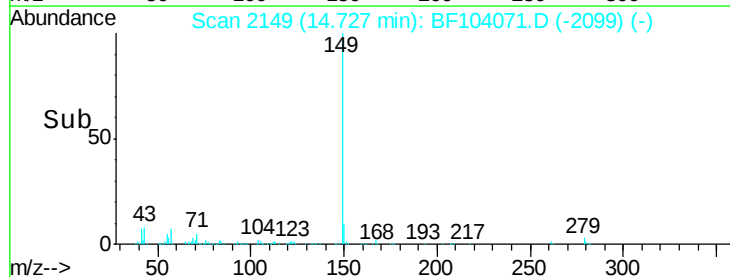
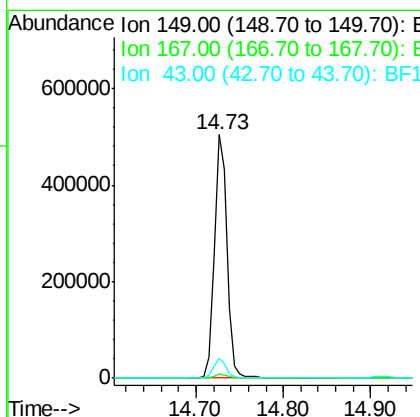
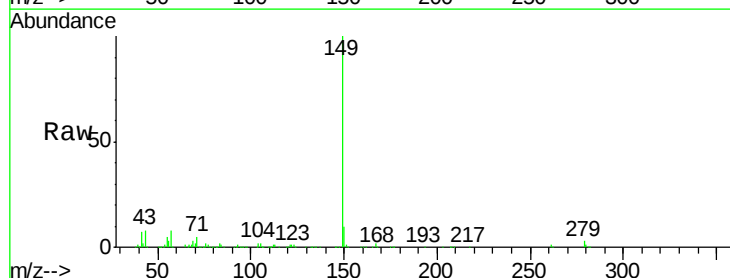
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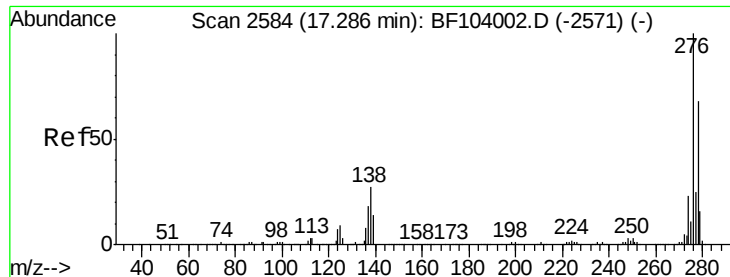
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#84
 Di-n-octyl phthalate
 Concen: 35.791 ng
 RT: 14.73 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BF104071.D
 Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	8.4	12.6#





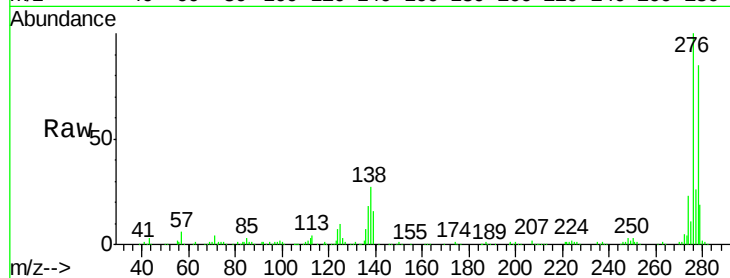
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.045 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

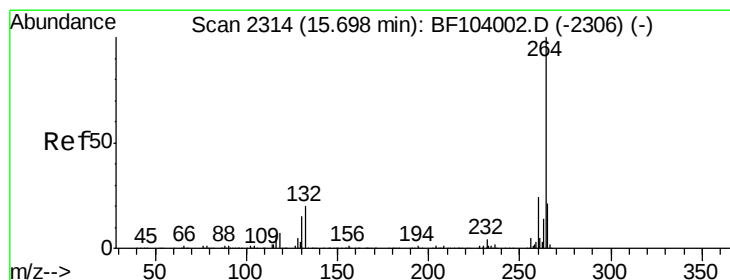
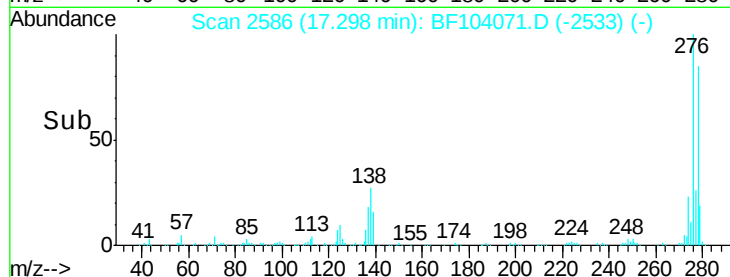
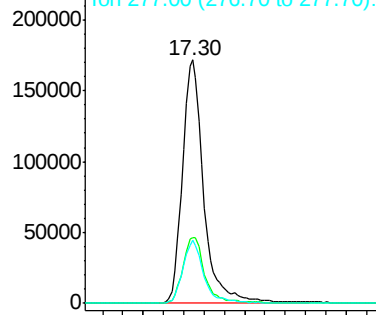
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	25.5	20.1	30.1

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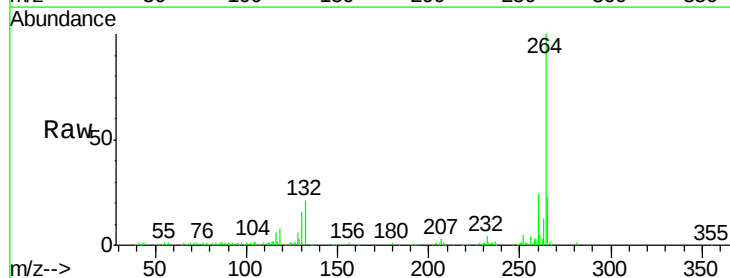


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

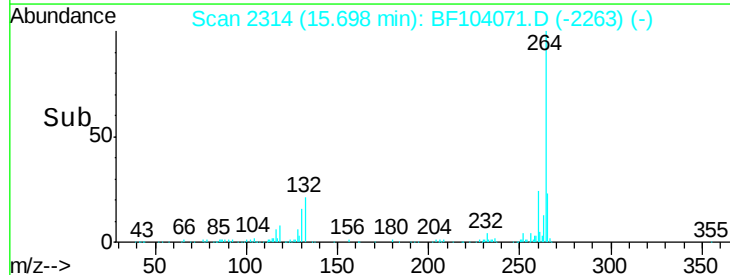
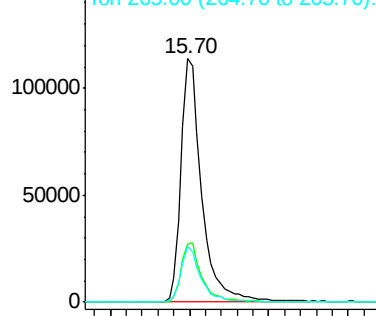


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





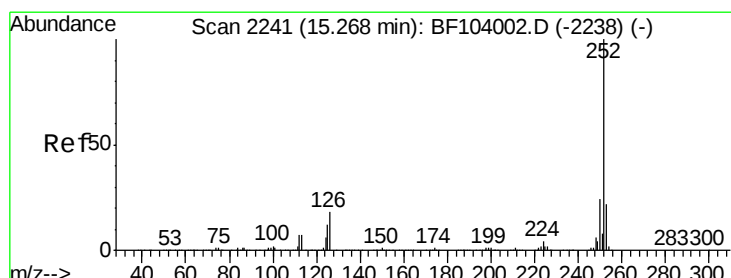
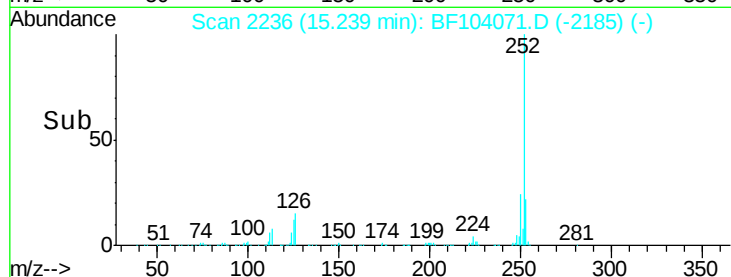
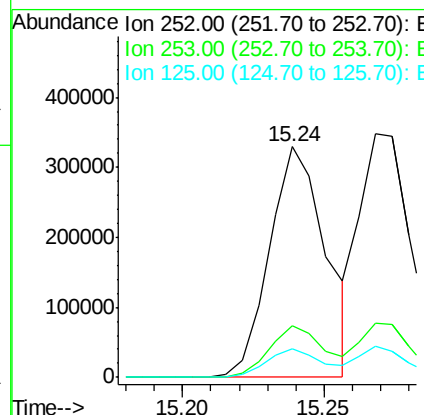
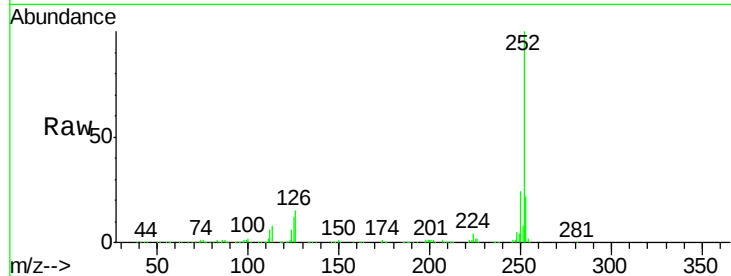
#87
Benzo(b)fluoranthene
Concen: 35.950 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.2	9.0	13.6

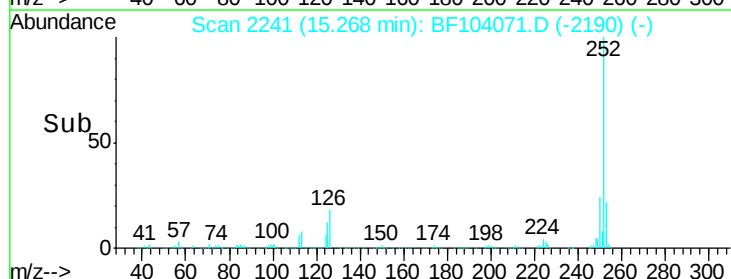
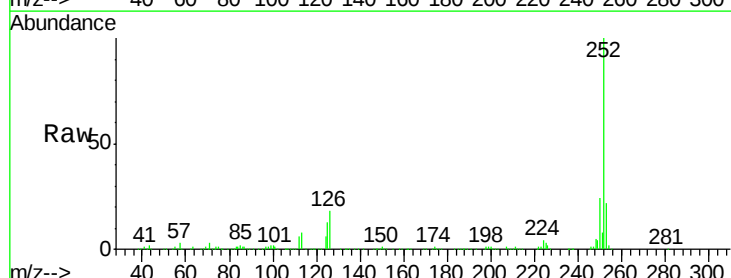
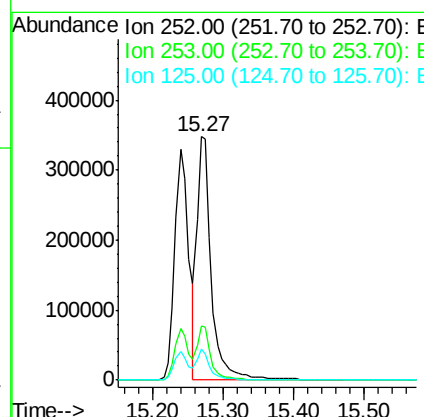
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#88
Benzo(k)fluoranthene
Concen: 41.694 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.6	10.2	15.2





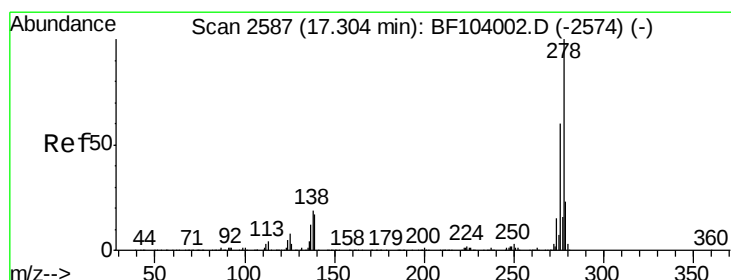
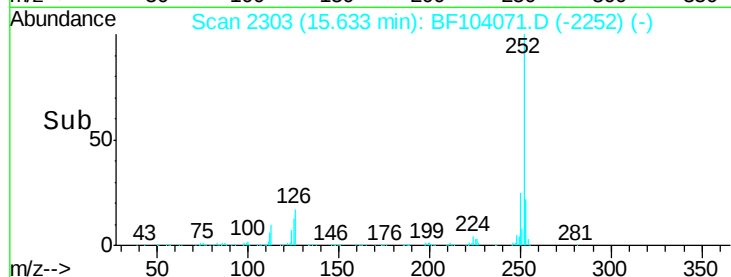
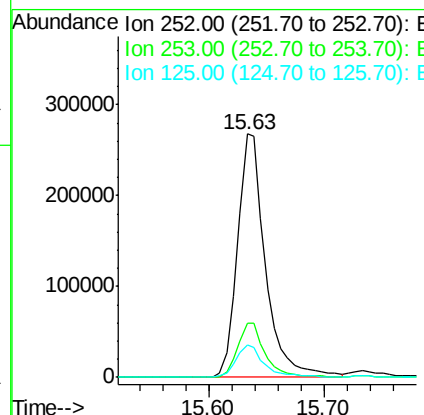
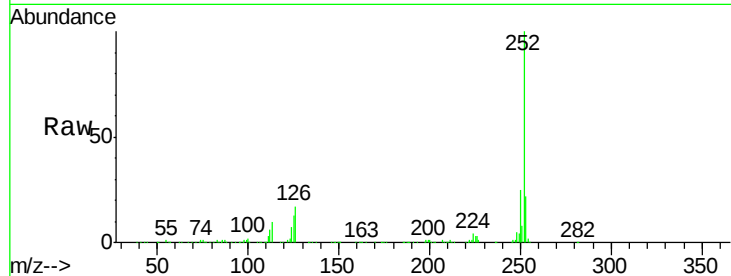
#89
Benzo(a)pyrene
Concen: 38.417 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.1	9.8	14.6

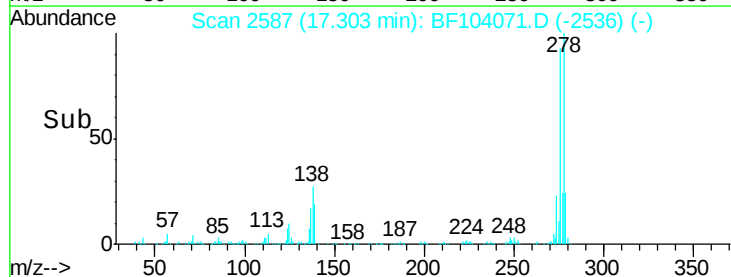
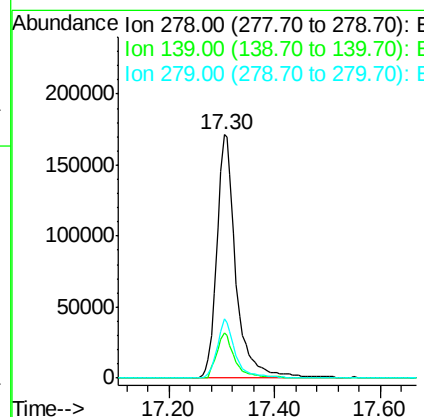
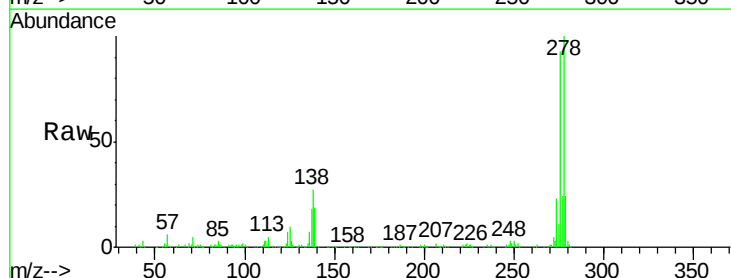
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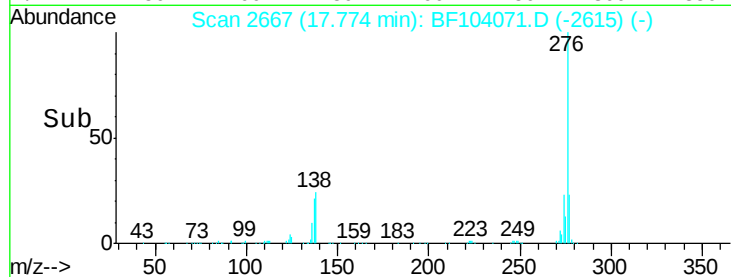
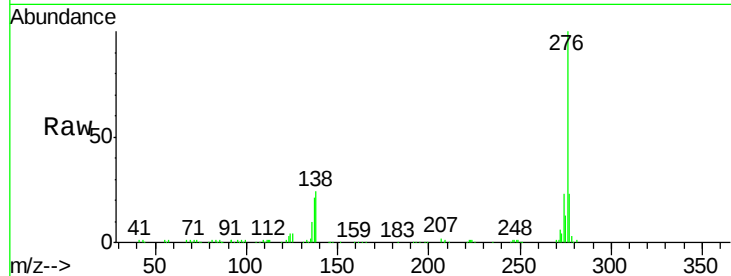
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#90
Dibenzo(a,h)anthracene
Concen: 39.859 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BF104071.D
Acq: 30 Mar 2018 1:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.9	23.9
279	24.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 36.556 ng

RT: 17.77 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BF104071.D

Acq: 30 Mar 2018 1:06

Tot Ion:	276	Resp:	397135
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	24.0	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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