

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104044.D
 Acq On : 29 Mar 2018 12:11
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/30/2018 6:00:40 PM

Quant Time: Mar 29 16:42:25 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	109189	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	471434	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	223421	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	419566	20.00	ng	0.00
75) Chrysene-d12	14.16	240	326588	20.00	ng	0.00
86) Perylene-d12	15.70	264	294084	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	506763	74.01	ng	0.00
7) Phenol-d6	6.60	99	637508	75.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	594655	77.14	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	201227	80.89	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1152197	81.32	ng	0.00
78) Terphenyl-d14	13.09	244	1152687	81.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	108506	36.745	ng	# 84
3) Pyridine	3.62	79	257790m	34.484	ng	
4) n-Nitrosodimethylamine	3.59	42	74808m	33.666	ng	
6) Aniline	6.64	93	389277	38.603	ng	92
8) 2-Chlorophenol	6.76	128	295472	39.341	ng	95
9) Benzaldehyde	6.53	77	222530	62.582	ng	96
10) Phenol	6.62	94	336119	36.013	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	329336	40.948	ng	87
12) 1,3-Dichlorobenzene	6.91	146	318877	37.770	ng	98
13) 1,4-Dichlorobenzene	6.99	146	363389	40.170	ng	99
14) 1,2-Dichlorobenzene	7.13	146	325564	40.040	ng	100
15) Benzyl Alcohol	7.11	79	206538	37.711	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	338698	38.655	ng	55
17) 2-Methylphenol	7.22	107	241877	39.569	ng	95
18) Hexachloroethane	7.47	117	117883	38.921	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	198942	39.796	ng	93
20) 3+4-Methylphenols	7.37	107	323541	41.472	ng	# 52
22) Acetophenone	7.38	105	447932	39.271	ng	# 96
24) Nitrobenzene	7.55	77	300686	37.072	ng	98
25) Isophorone	7.78	82	532577	37.488	ng	99
26) 2-Nitrophenol	7.87	139	166294	39.278	ng	93
27) 2,4-Dimethylphenol	7.90	122	231034	37.837	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	336575	37.801	ng	100
29) 2,4-Dichlorophenol	8.11	162	246702	38.682	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	280391	38.748	ng	99
31) Naphthalene	8.27	128	951659	41.320	ng	100
32) Benzoic acid	8.03	122	145711	32.575	ng	92
33) 4-Chloroaniline	8.33	127	375893	38.713	ng	95
34) Hexachlorobutadiene	8.37	225	151867	38.566	ng	99
35) Caprolactam	8.70	113	72586	35.893	ng	# 79
36) 4-Chloro-3-methylphenol	8.80	107	261985	38.836	ng	99
37) 2-Methylnaphthalene	8.96	142	577050	38.037	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	267042	38.977	ng	98
40) Hexachlorocyclopentadiene	9.10	237	126382	41.937	ng	97

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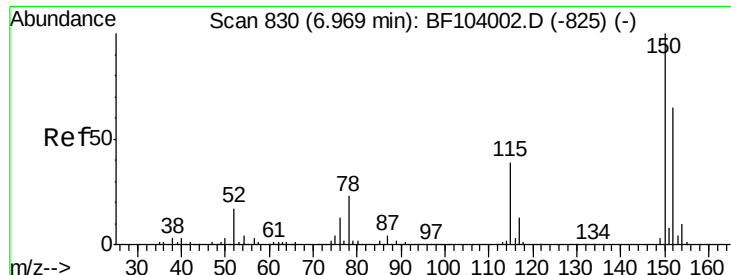
Manual Integrations
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 3/30/2018 6:00:40 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	157611	36.330	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	207478	39.609	nq	93
45) 1,1'-Biphenyl	9.42	154	741743	38.682	nq	98
46) 2-Chloronaphthalene	9.45	162	588330	38.896	nq	99
47) 2-Nitroaniline	9.56	65	166080	38.506	nq	97
48) Acenaphthylene	9.87	152	879723	38.390	nq	99
49) Dimethylphthalate	9.72	163	682551	38.694	nq	100
50) 2,6-Dinitrotoluene	9.79	165	149636	39.429	nq	94
51) Acenaphthene	10.04	154	492109	37.123	nq	99
52) 3-Nitroaniline	9.97	138	163956	37.583	nq	100
53) 2,4-Dinitrophenol	10.08	184	65396	42.295	nq #	34
54) Dibenzofuran	10.22	168	750145	38.751	nq	100
55) 4-Nitrophenol	10.15	139	106856	40.850	nq	92
56) 2,4-Dinitrotoluene	10.20	165	190896	39.420	nq #	93
57) Fluorene	10.56	166	619325	38.785	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	157107	40.032	nq #	85
59) Diethylphthalate	10.42	149	655213	38.773	nq	99
60) 4-Chlorophenyl-phenylether	10.55	204	291359	39.727	nq	93
61) 4-Nitroaniline	10.60	138	159713	39.126	nq	94
62) Azobenzene	10.70	77	597730	39.117	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	94580	37.240	nq	78
65) n-Nitrosodiphenylamine	10.67	169	542200	38.158	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	172799	38.496	nq #	88
67) Hexachlorobenzene	11.10	284	198316	38.408	nq	93
68) Atrazine	11.19	200	168403	38.686	nq	98
69) Pentachlorophenol	11.30	266	105504	37.132	nq	99
70) Phenanthrene	11.53	178	865100	38.084	nq	99
71) Anthracene	11.58	178	933492	39.342	nq	99
72) Carbazole	11.74	167	884842	39.073	nq	99
73) Di-n-butylphthalate	12.05	149	1046443	38.793	nq	99
74) Fluoranthene	12.72	202	925284	38.321	nq	97
76) Benzidine	12.85	184	370355	39.793	nq	100
77) Pyrene	12.95	202	936956	39.909	nq	99
79) Butylbenzylphthalate	13.55	149	442063	39.967	nq	97
80) Benzo(a)anthracene	14.14	228	780163	38.177	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	258941	38.282	nq #	97
82) Chrysene	14.19	228	776736	38.807	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	558029	39.047	nq	99
84) Di-n-octyl phthalate	14.73	149	912480	37.118	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	667814	32.198	nq	96
87) Benzo(b)fluoranthene	15.24	252	670033	37.437	nq	98
88) Benzo(k)fluoranthene	15.27	252	705863	41.867	nq	97
89) Benzo(a)pyrene	15.63	252	633918	38.221	nq	99
90) Dibenzo(a,h)anthracene	17.31	278	557373	36.348	nq	97
91) Benzo(g,h,i)perylene	17.77	276	546304	35.568	nq	96

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



#1

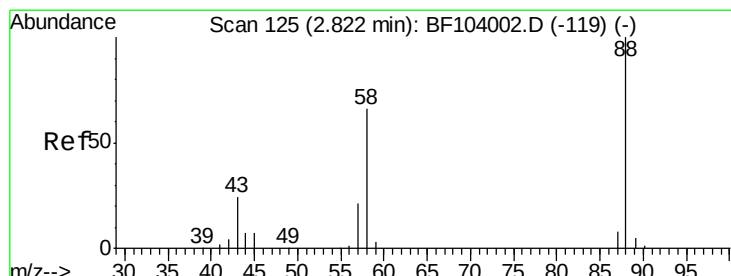
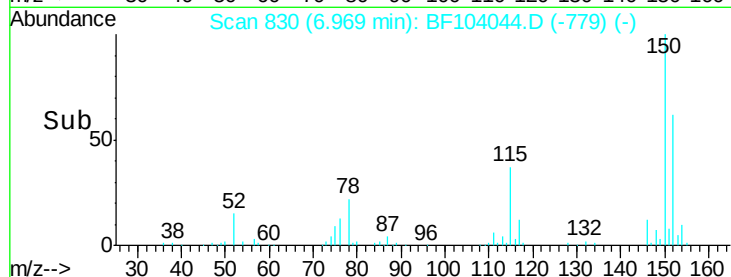
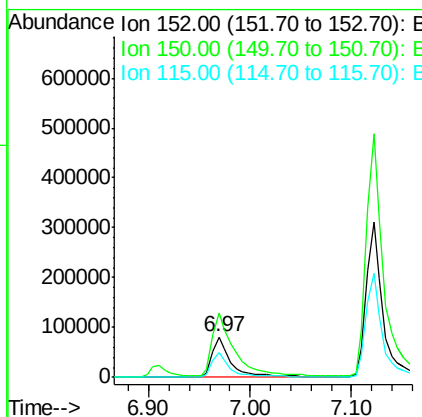
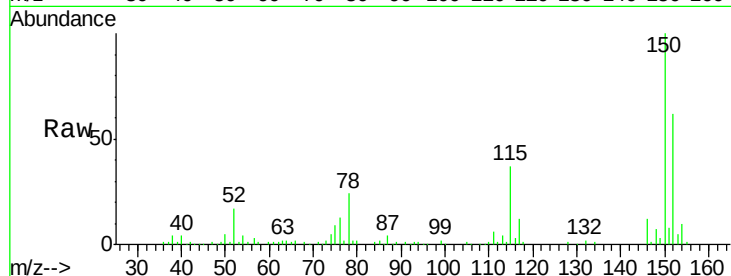
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	60.2	50.1	75.1

Manual Integrations
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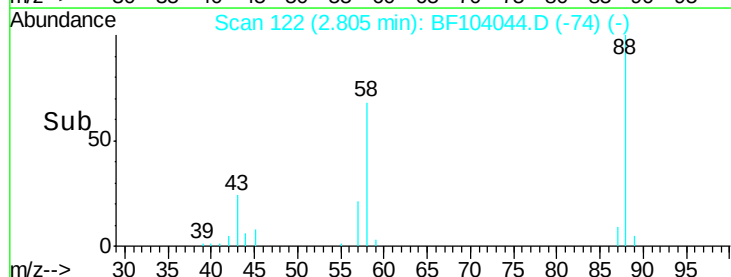
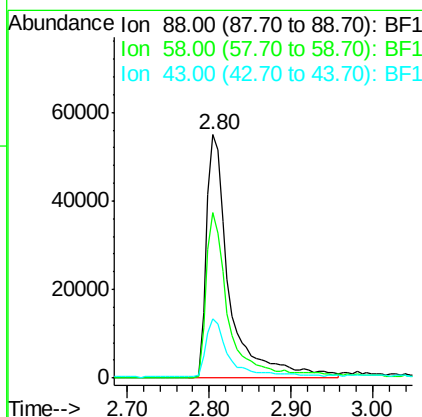
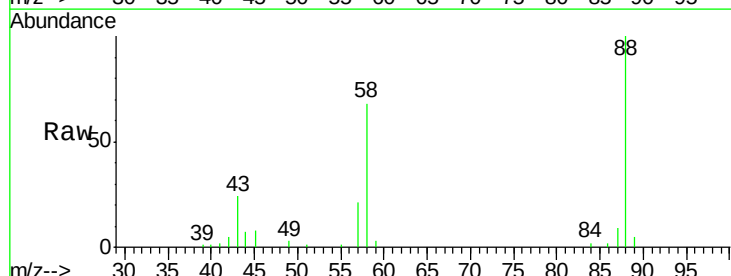
Sohil
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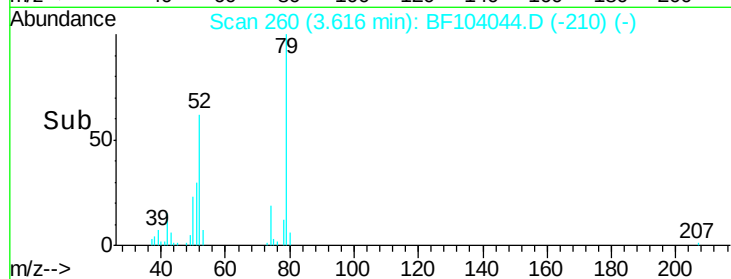
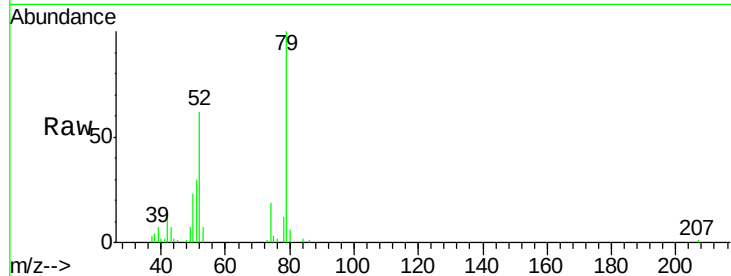
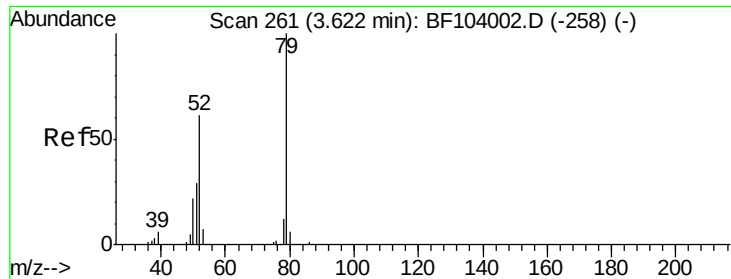


#2

1,4-Dioxane
Concen: 36.745 ng
RT: 2.80 min Scan# 122
Delta R.T. -0.02 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.8	62.6	93.8
43	21.0	24.6	37.0





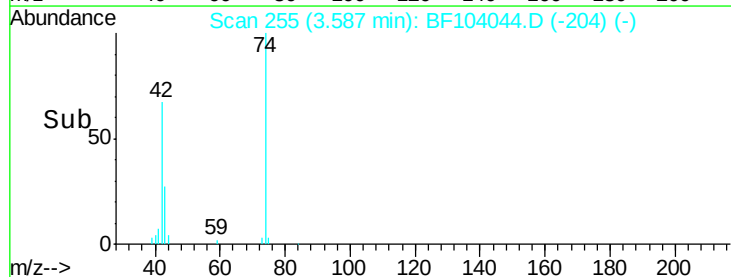
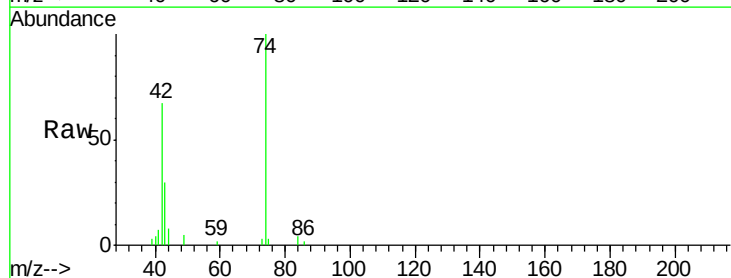
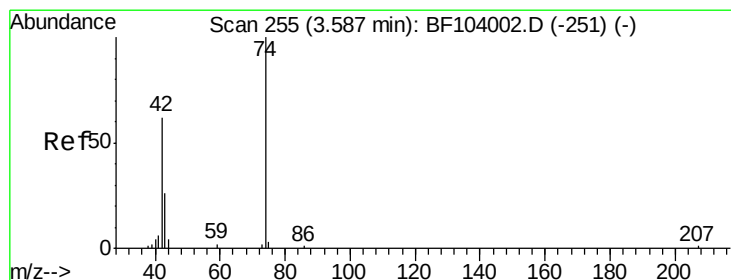
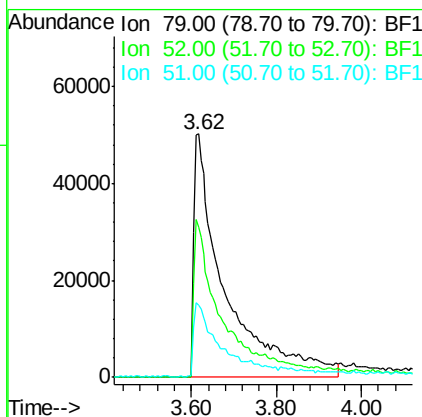
#3
 Pvridine
 Concen: 34.484 ng m
 RT: 3.62 min Scan# 260
 Delta R.T. -0.01 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	257790		
52	52	61.9		59.8	89.6
51	51	29.7		29.8	44.8#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

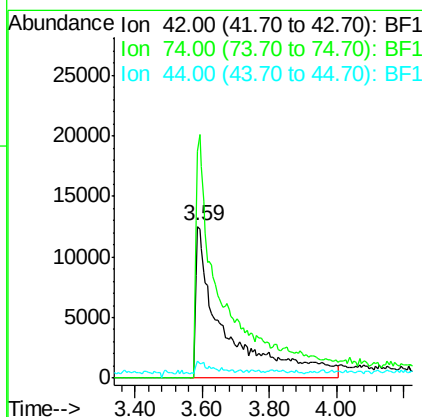
Manual Integrations
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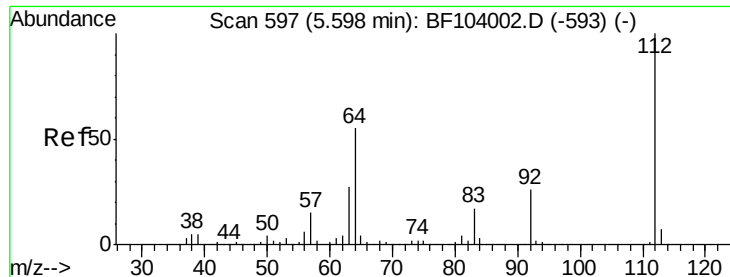
Sohil
 3/30/2018 6:00:40 PM



#4
 n-Nitrosodimethylamine
 Concen: 33.666 ng m
 RT: 3.59 min Scan# 255
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	74808		
74	74	150.0		104.9	157.3
44	44	11.4		6.9	10.3#





#5

2-Fluorophenol

Concen: 74.015 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

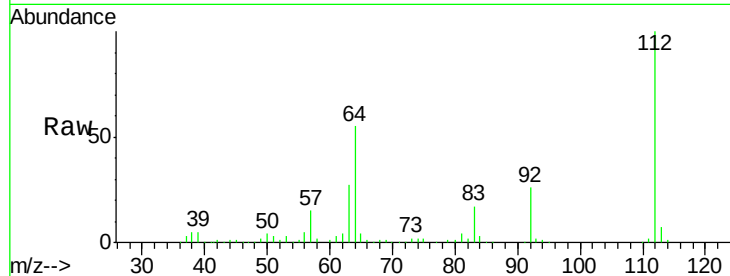
ClientSampleId :

SSTDCCC040

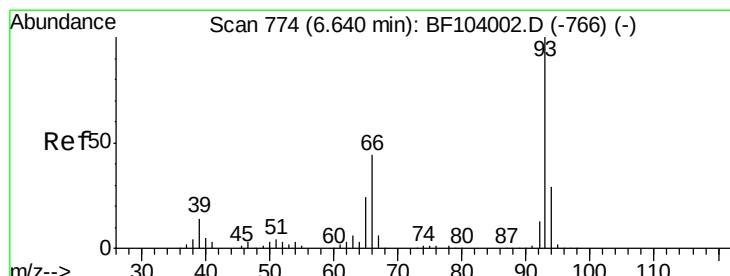
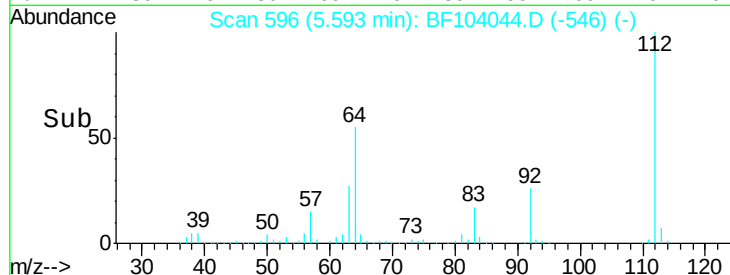
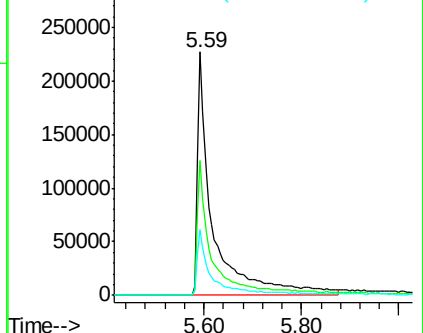
Tot Ion:	112	Resp:	506763
Ion Ratio	Lower	Upper	
112	100		
64	55.4	47.9	71.9
63	27.1	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.603 ng

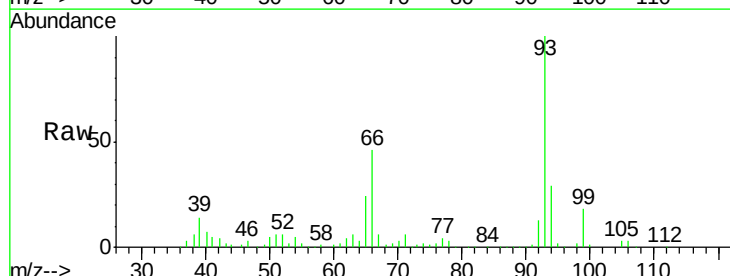
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

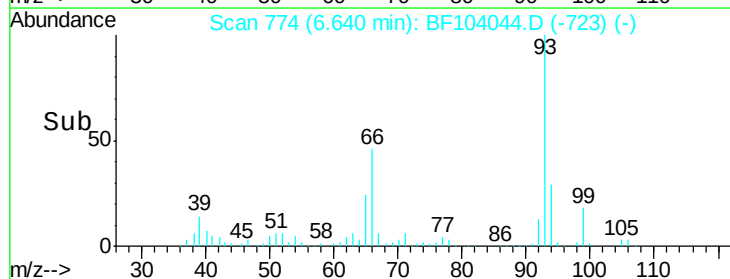
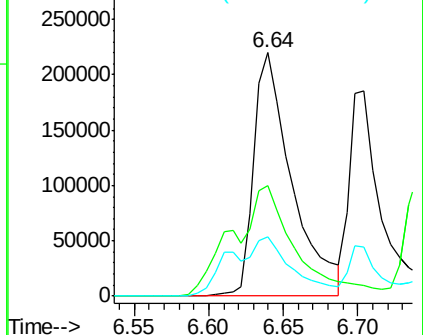
Lab File: BF104044.D

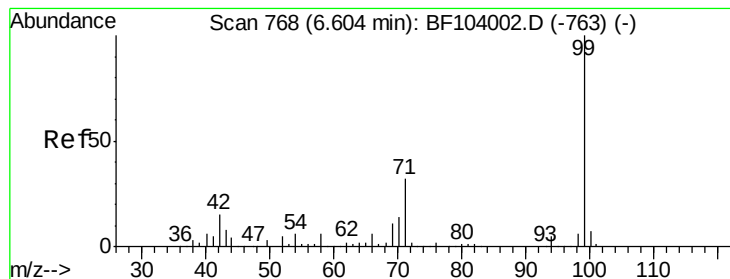
Acq: 29 Mar 2018 12:11

Tgt Ion:	93	Resp:	389277
Ion Ratio	Lower	Upper	
93	100		
66	45.5	32.2	48.2
65	24.1	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.681 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

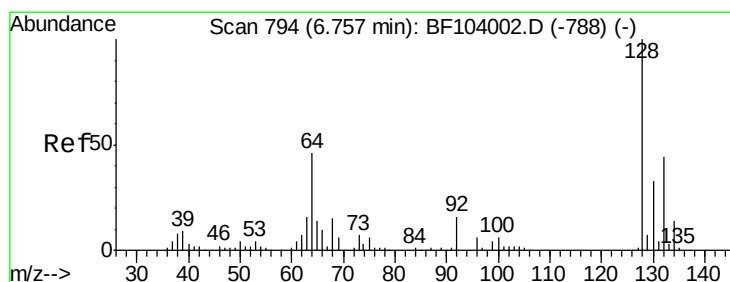
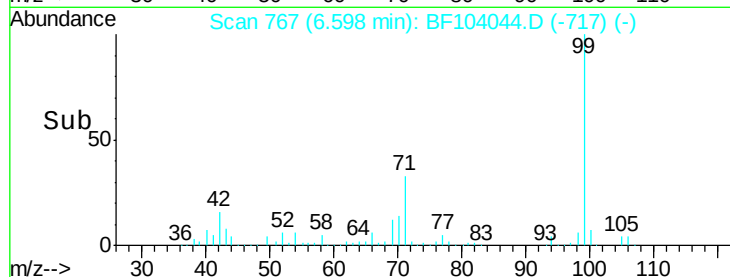
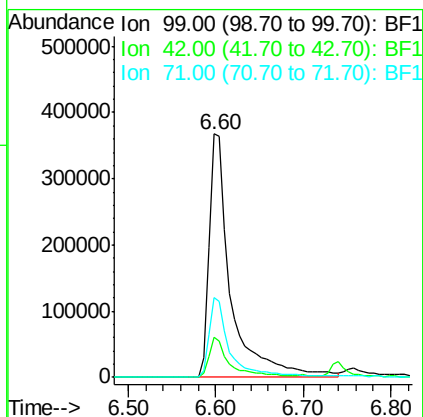
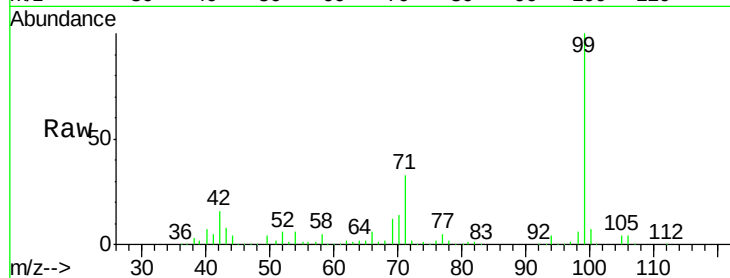
ClientSampled :

SSTDCCC040

Tot Ion:	99	Resp:	637508
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	32.9	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.341 ng

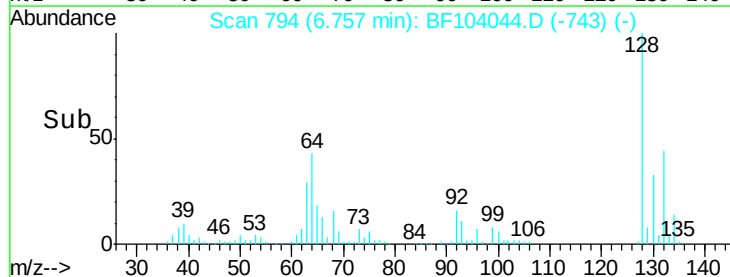
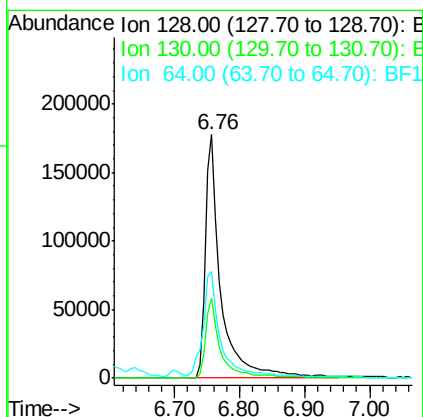
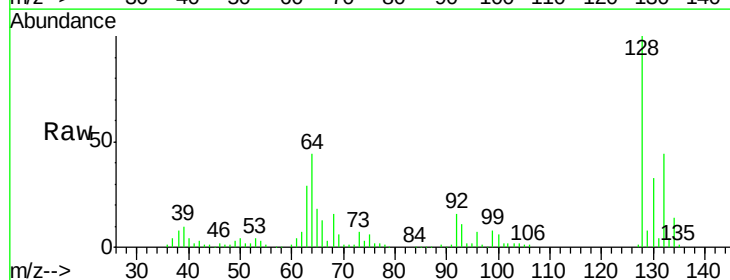
RT: 6.76 min Scan# 794

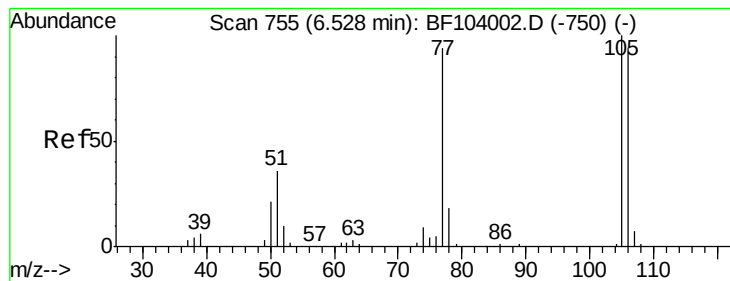
Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Tgt Ion:	128	Resp:	295472
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.0	53.0
64	43.6	29.4	69.4





#9

Benzaldehyde

Concen: 62.582 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

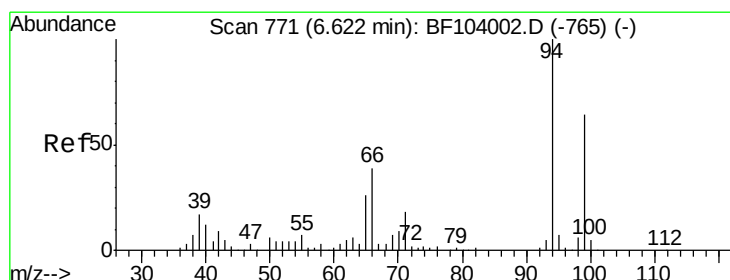
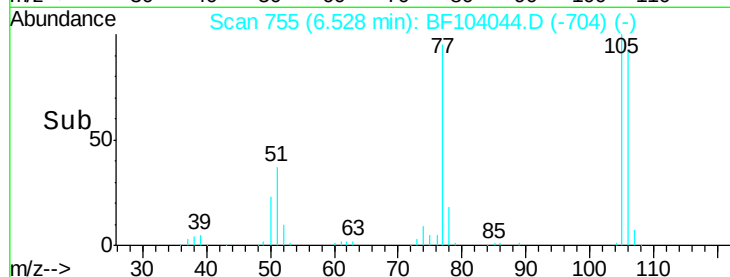
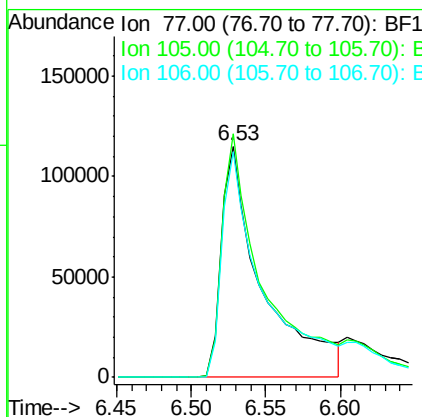
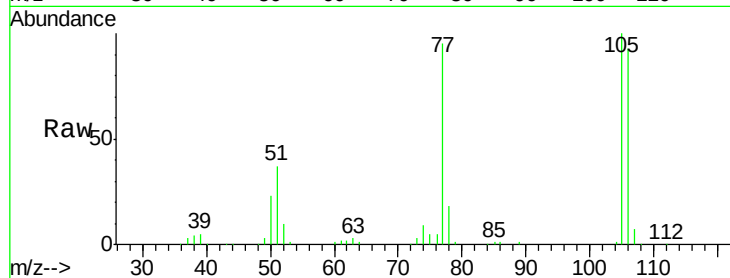
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.4	81.1	121.1
106	97.5	74.5	114.5

Manual Integrations
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3/30/2018 6:00:40 PM



#10

Phenol

Concen: 36.013 ng

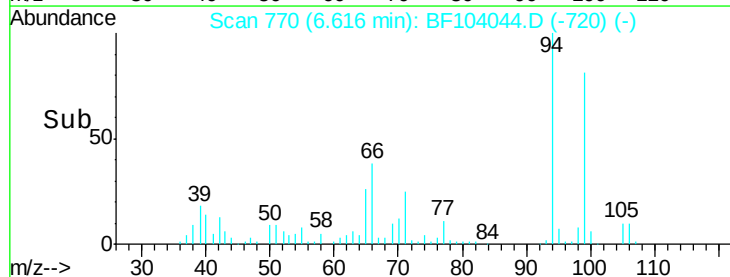
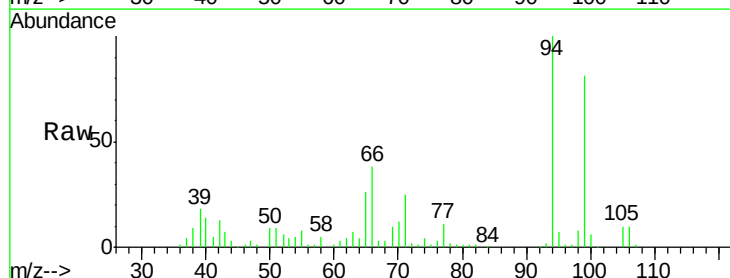
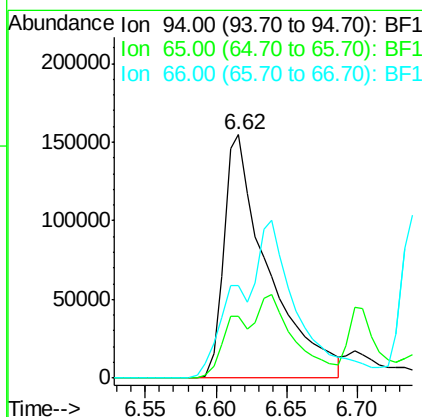
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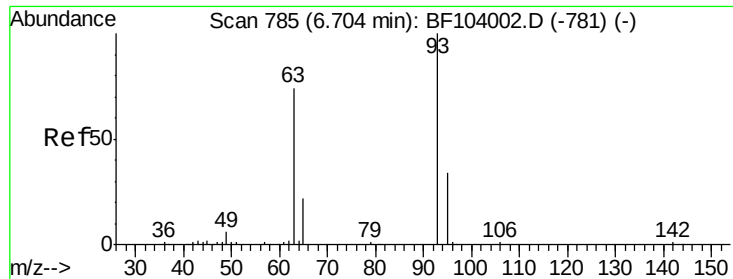
Delta R.T. -0.01 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.6	7.9	47.9
66	38.2	16.2	56.2





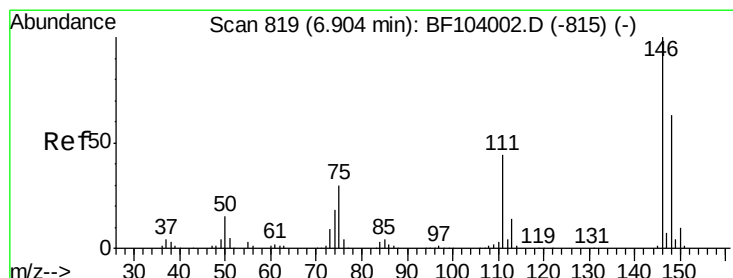
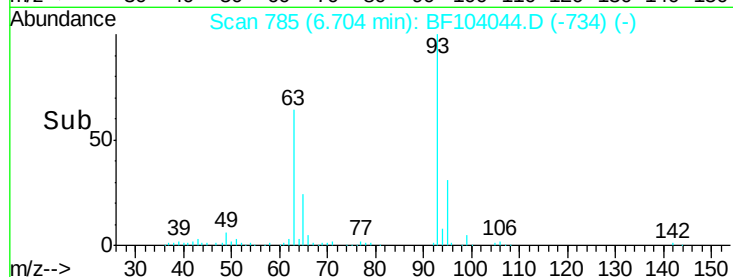
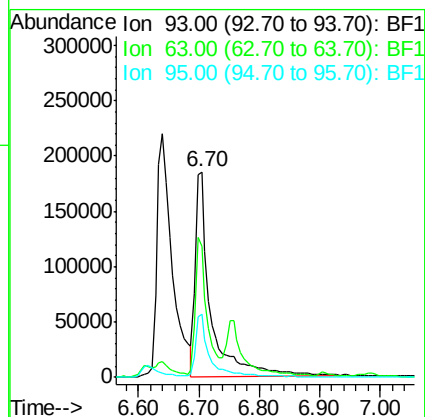
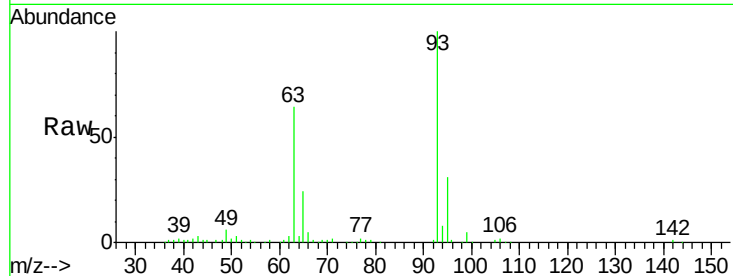
#11
bis(2-Chloroethyl)ether
Concen: 40.948 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	329336
Ion	Ratio	Lower	Upper
93	100		
63	63.5	58.6	98.6
95	30.6	11.8	51.8

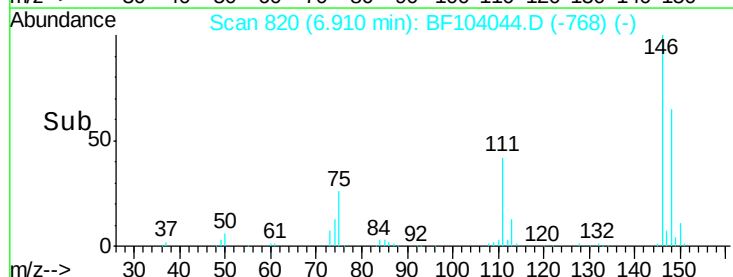
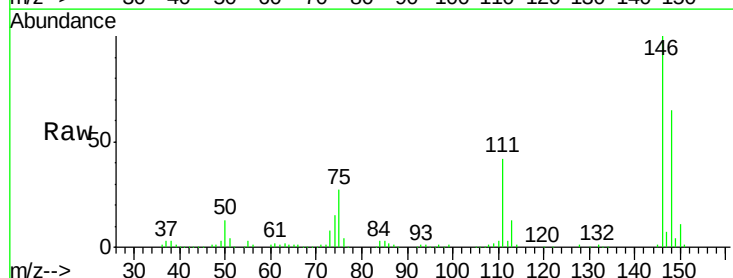
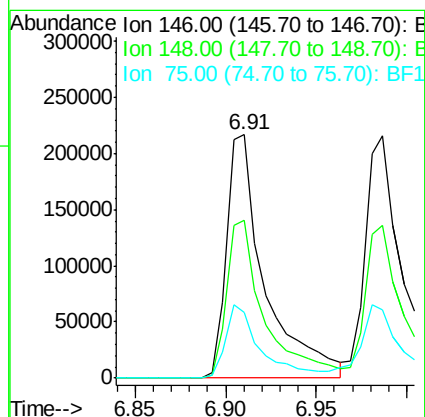
Manual Integrations
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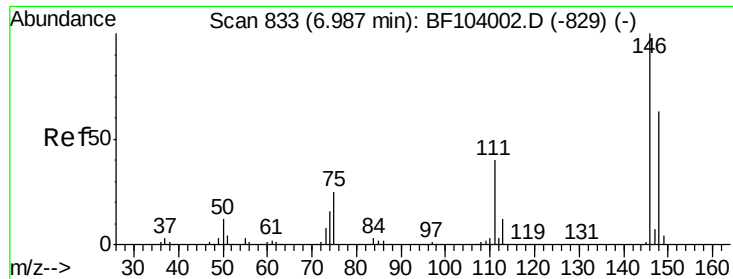
Sohil
3/30/2018 6:00:40 PM



#12
1,3-Dichlorobenzene
Concen: 37.770 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion:	146	Resp:	318877
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	27.2	24.2	36.4





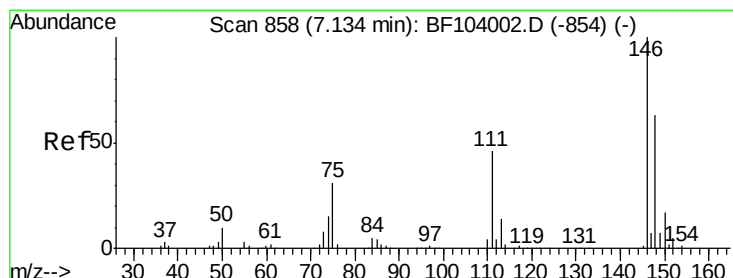
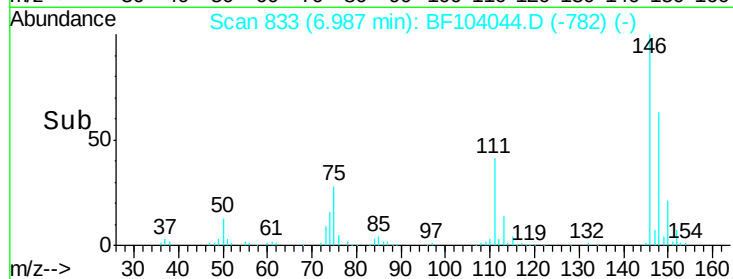
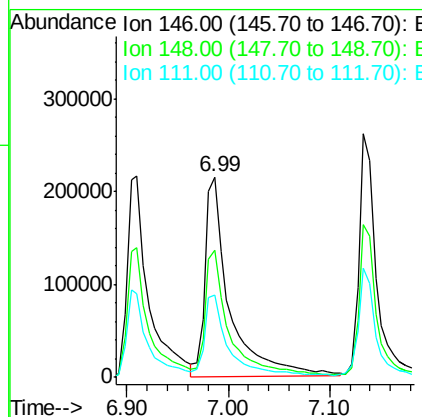
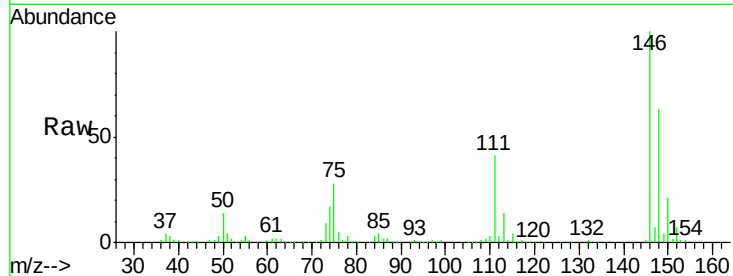
#13
 1,4-Dichlorobenzene
 Concen: 40.170 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	41.0	34.2	51.2

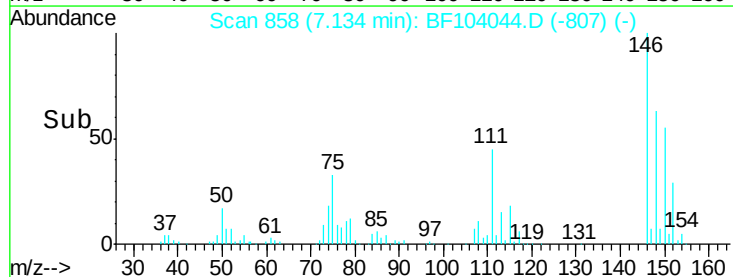
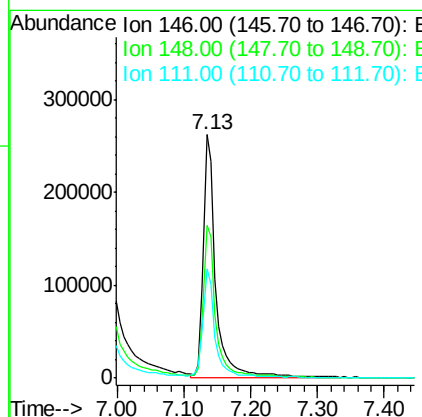
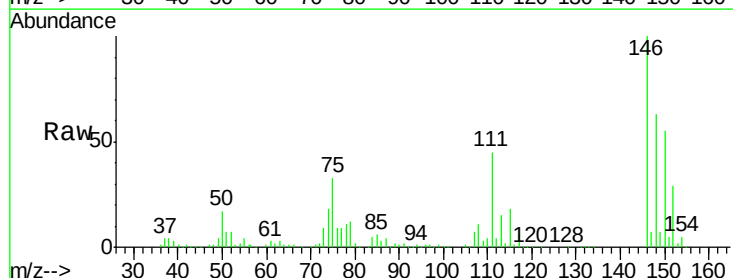
Manual Integrations
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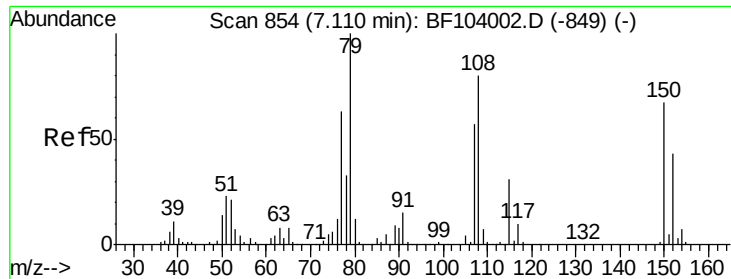
Sohil
 3/30/2018 6:00:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.040 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	45.0	36.0	54.0





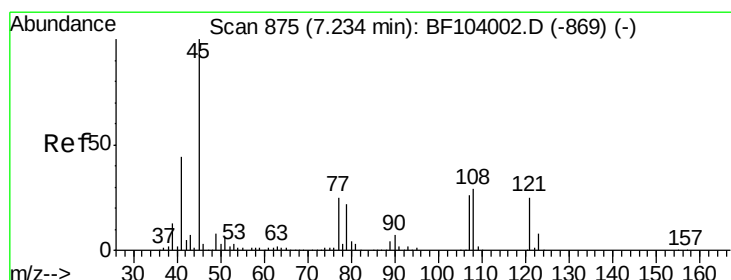
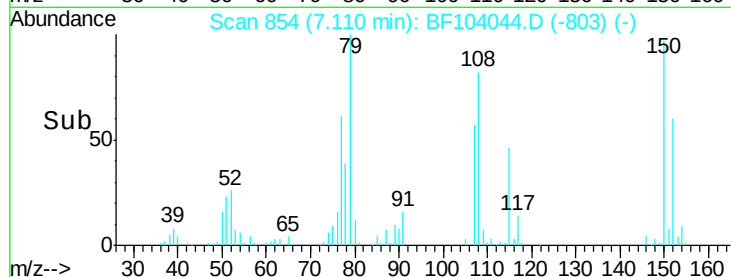
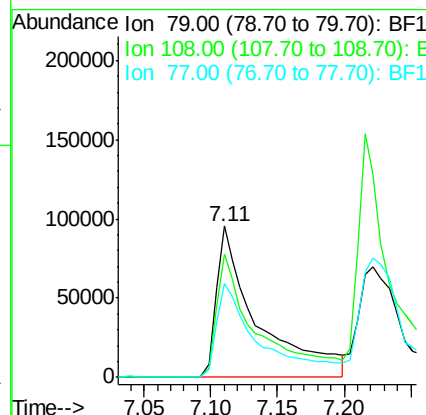
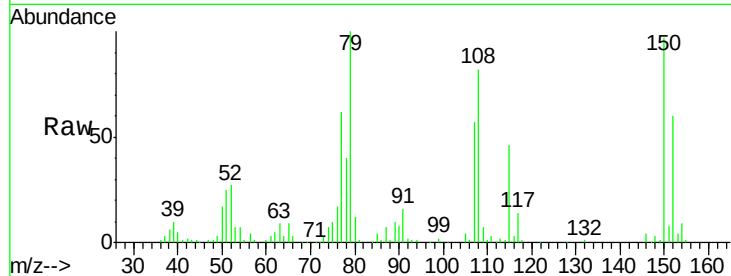
#15
Benzyl Alcohol
Concen: 37.711 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	65.1	97.7
77	61.9	50.6	75.8

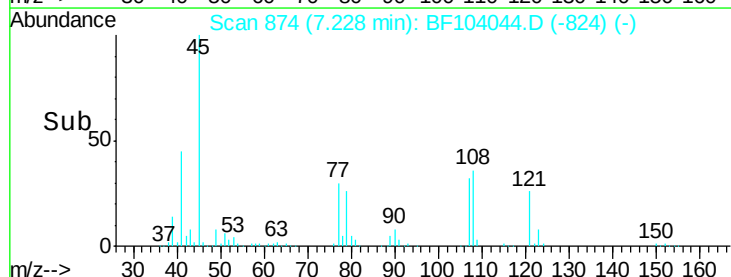
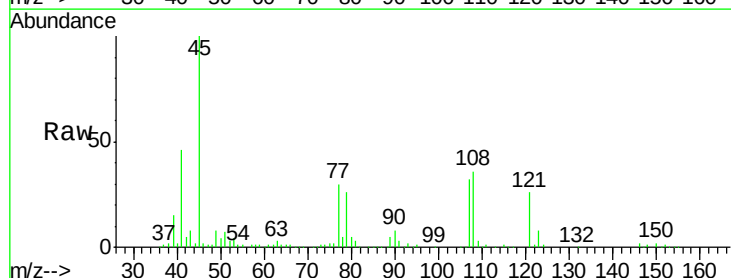
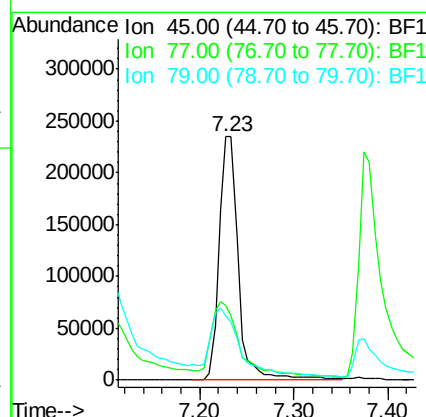
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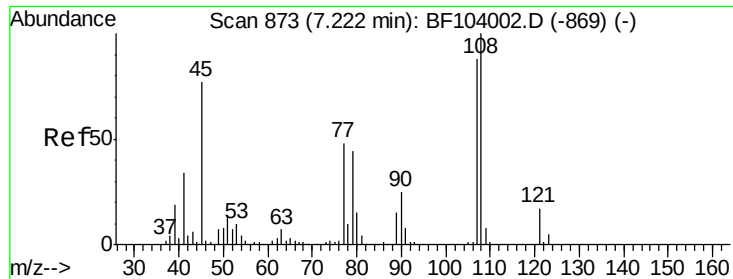
Sohil
3/30/2018 6:00:40 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.655 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.5	0.0	32.9
79	26.5	0.0	29.6





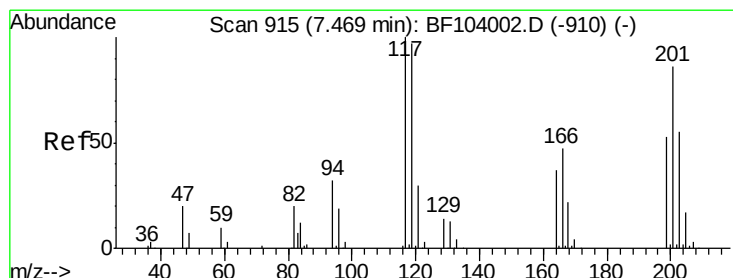
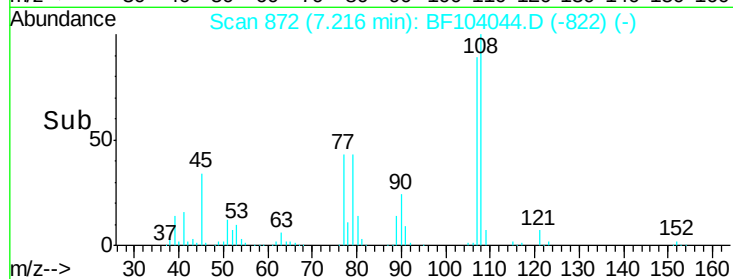
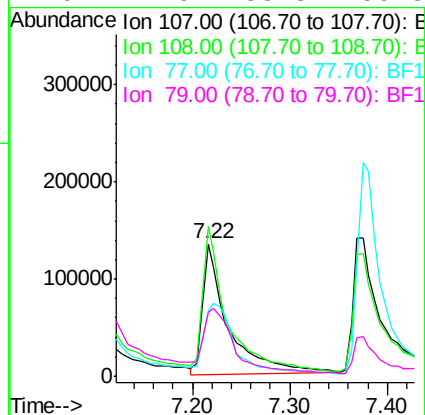
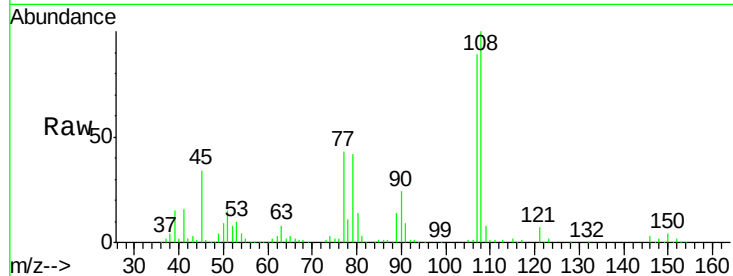
#17
2-Methylphenol
Concen: 39.569 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	241877
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.7	137.5
77	49.0	33.8	50.8
79	47.9	33.8	50.8

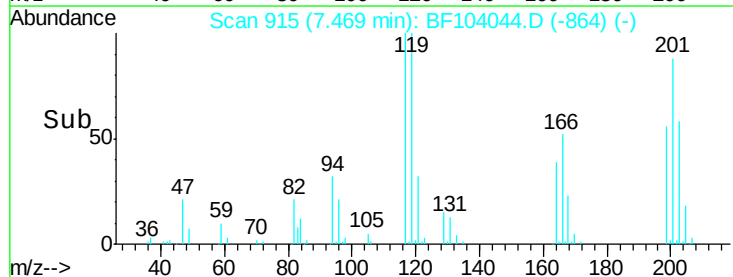
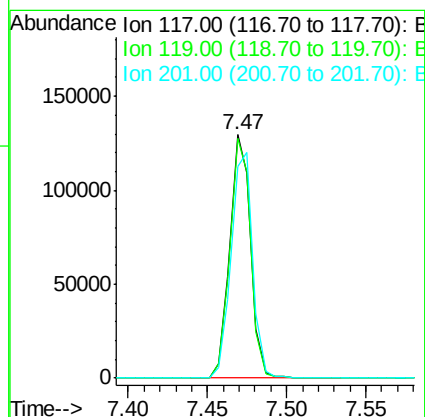
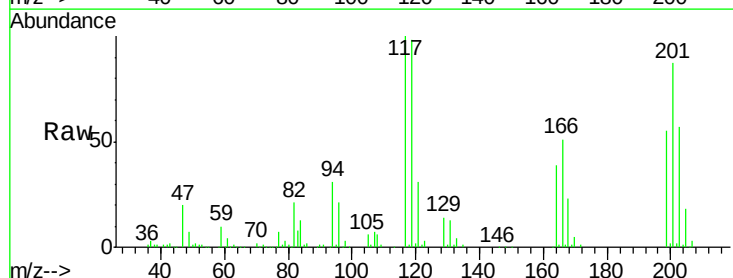
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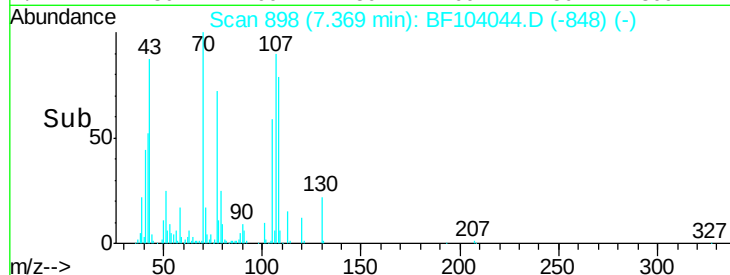
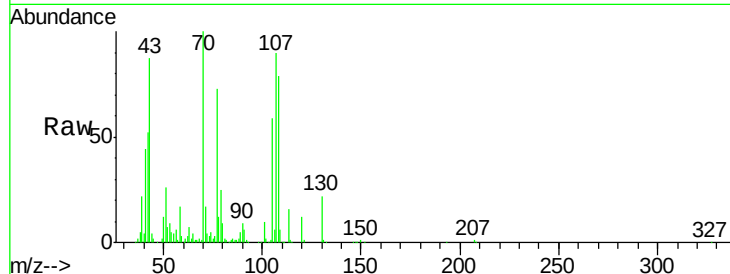
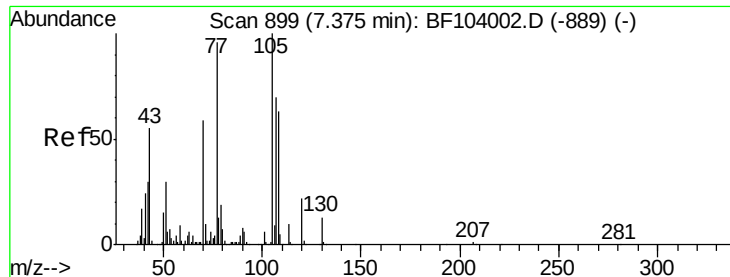
Sohil
3/30/2018 6:00:40 PM



#18
Hexachloroethane
Concen: 38.921 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion:	117	Resp:	117883
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.8
201	87.1	75.7	113.5





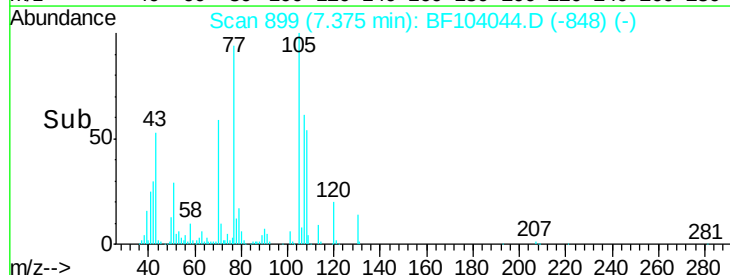
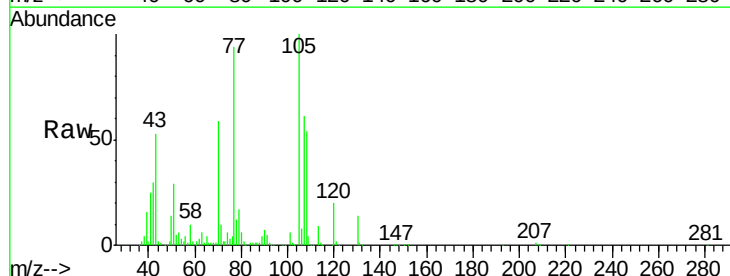
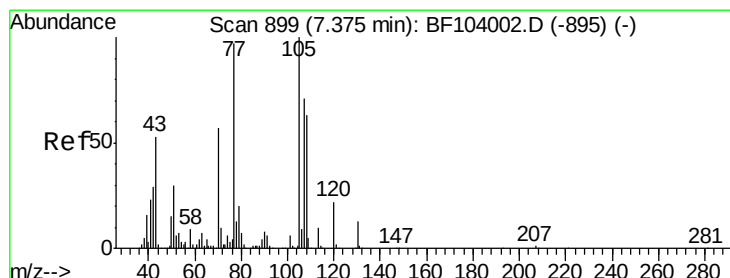
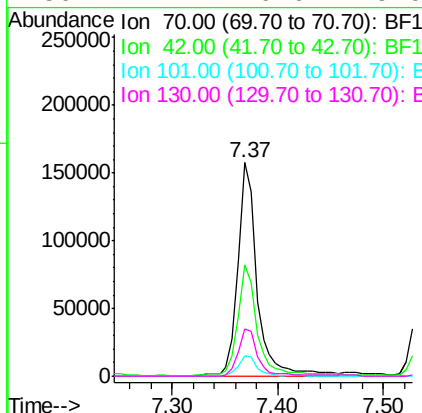
#19
n-Nitroso-di-n-propylamine
Concen: 39.796 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		198942		
42	52.1	47.5	71.3		
101	9.7	7.4	11.2		
130	22.1	16.6	25.0		

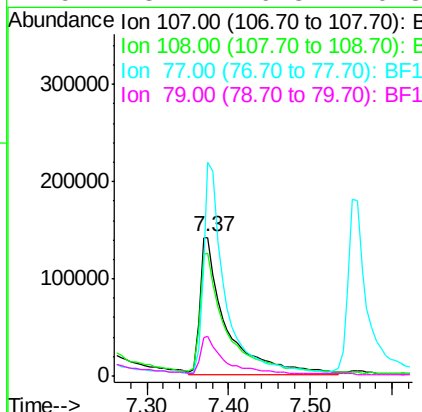
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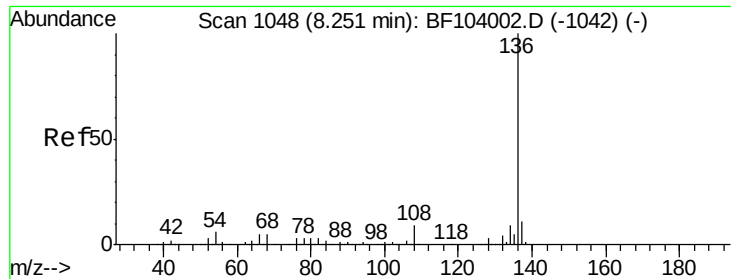
Sohil
3/30/2018 6:00:40 PM



#20
3+4-Methylphenols
Concen: 41.472 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		323541		
108	88.8	68.2	108.2		
77	153.9	26.7	66.7#		
79	28.2	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: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

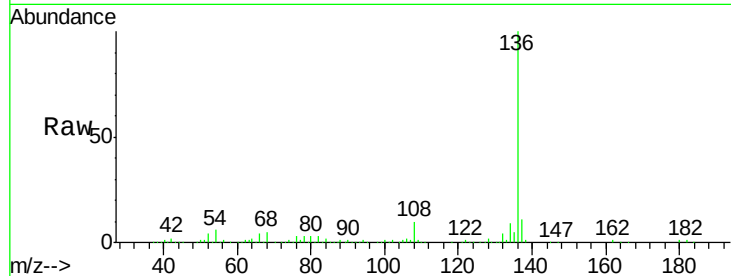
ClientSampleId :

SSTDCCC040

Tot Ion	136	Resp	471434
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8#
68	5.4	5.0	7.4

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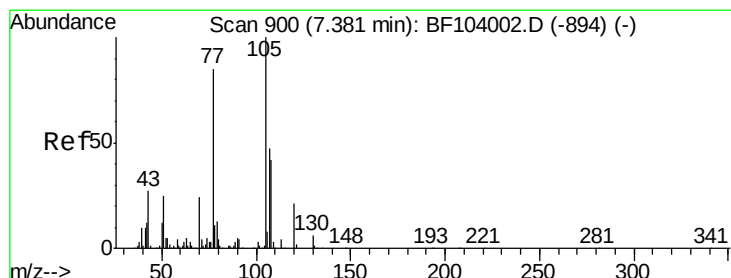
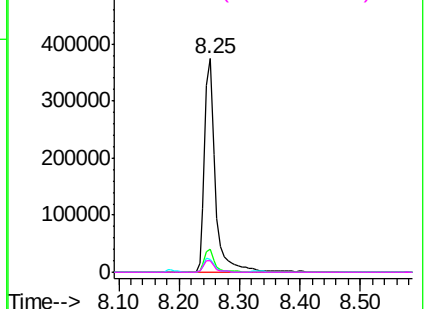
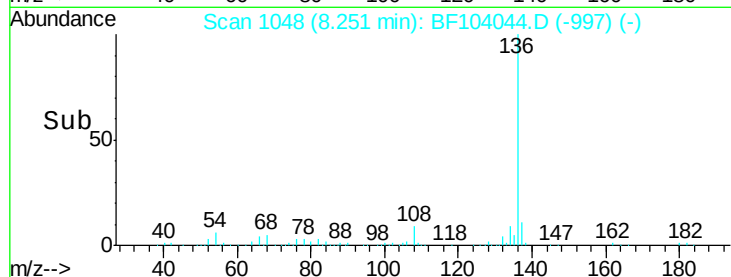


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.271 ng

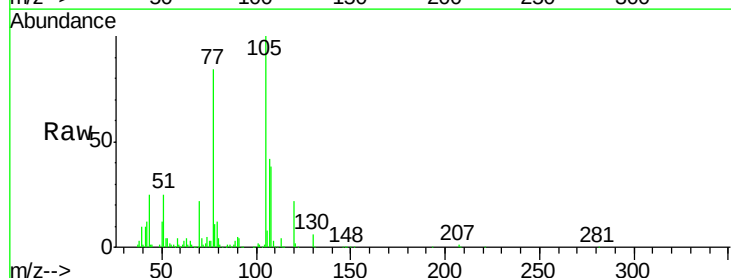
RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Tgt Ion	105	Resp	447932
Ion Ratio	Lower	Upper	
105	100		
71	3.9	4.4	6.6#
51	25.5	22.3	33.5
120	22.5	16.9	25.3

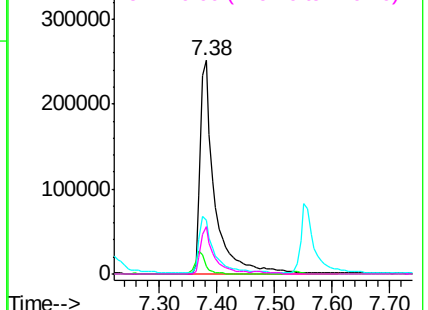
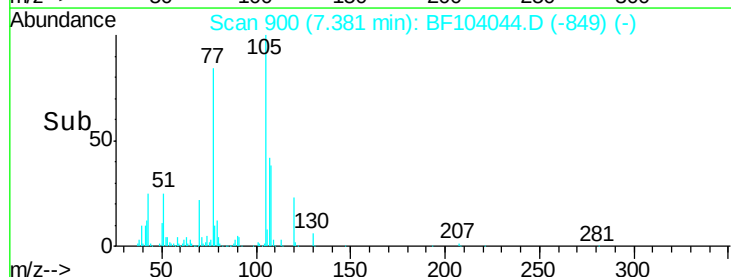


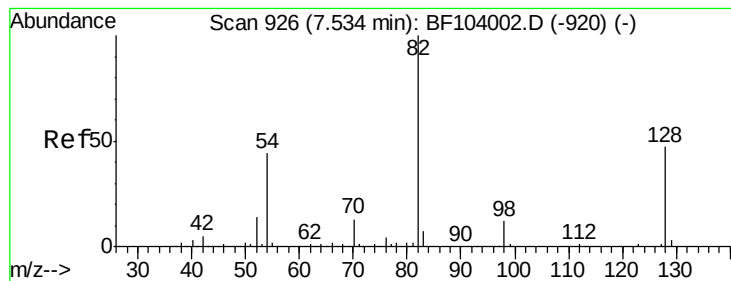
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.140 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

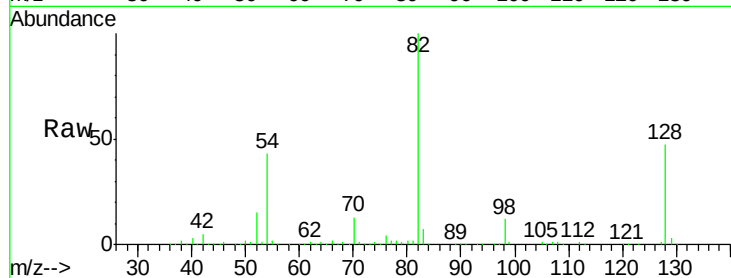
ClientSampleId :

SSTDCCC040

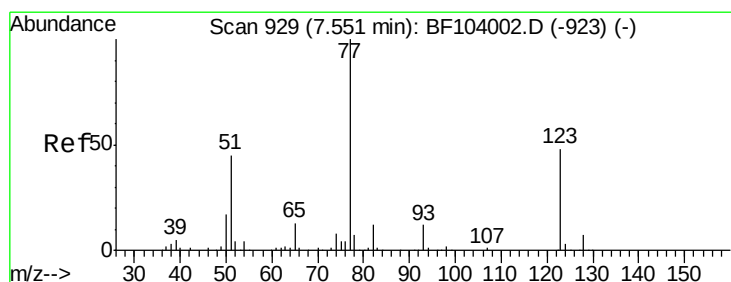
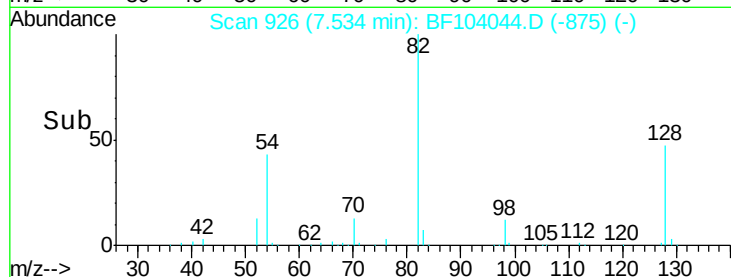
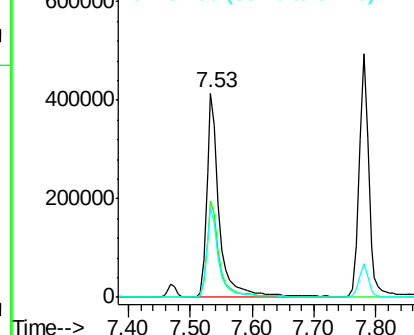
Tot Ion:	82	Resp:	594655
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.1	54.1
54	43.5	41.4	62.2

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



#24

Nitrobenzene

Concen: 37.072 ng

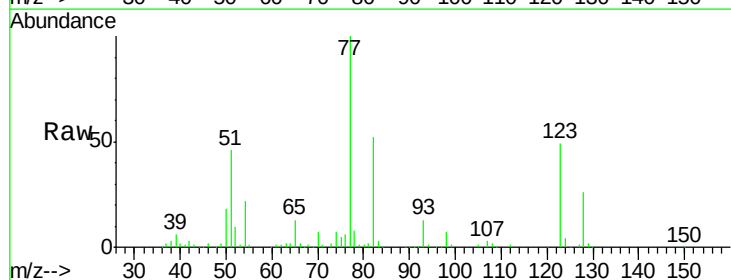
RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

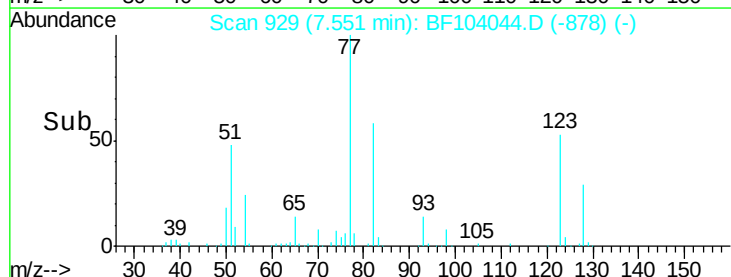
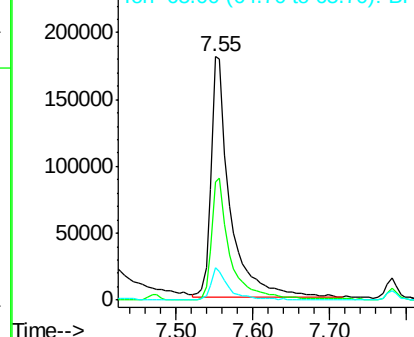
Lab File: BF104044.D

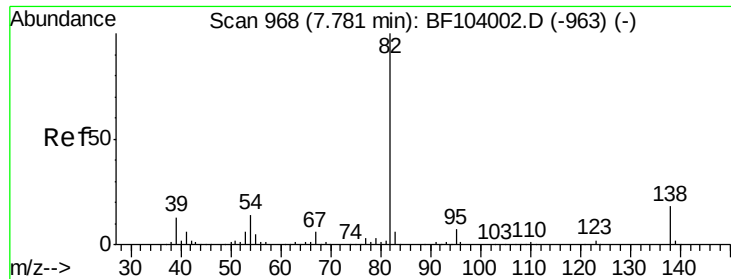
Acq: 29 Mar 2018 12:11

Tgt Ion:	77	Resp:	300686
Ion Ratio	Lower	Upper	
77	100		
123	48.5	37.9	56.9
65	13.1	11.0	16.4



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





#25

Isophorone

Concen: 37.488 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

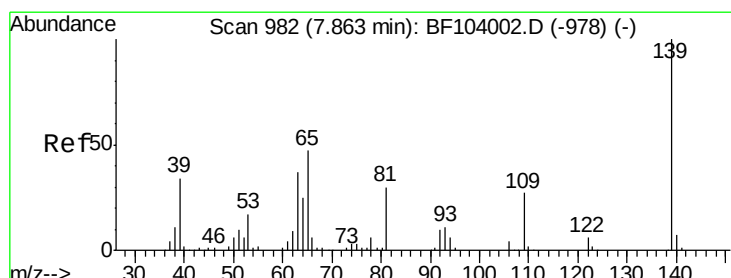
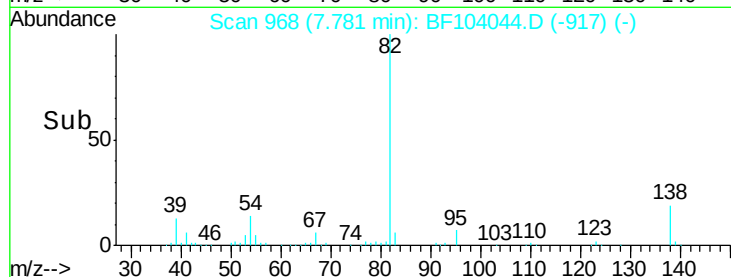
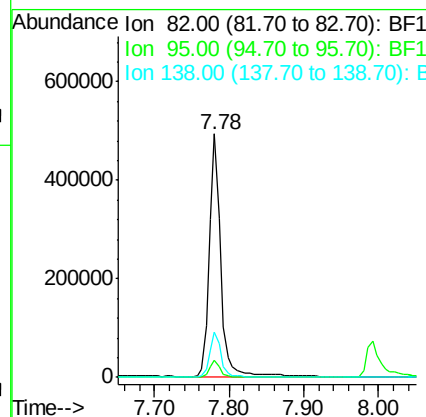
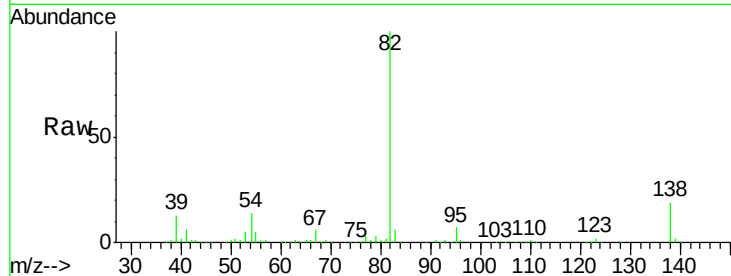
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	532577
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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3/30/2018 6:00:40 PM



#26

2-Nitrophenol

Concen: 39.278 ng

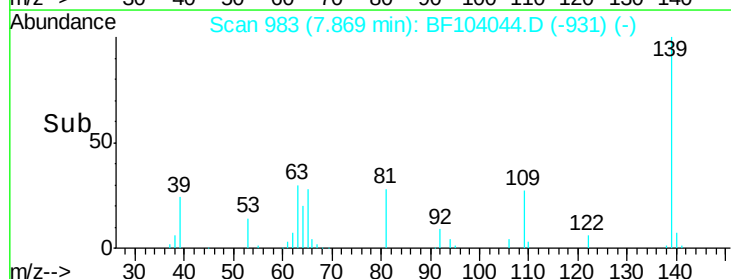
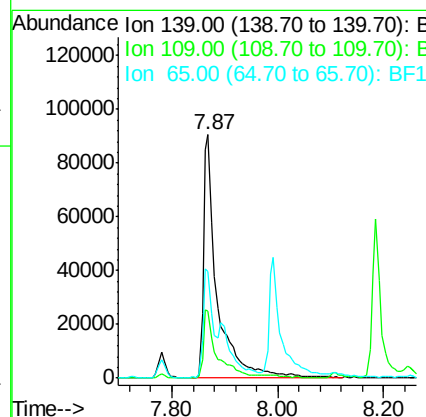
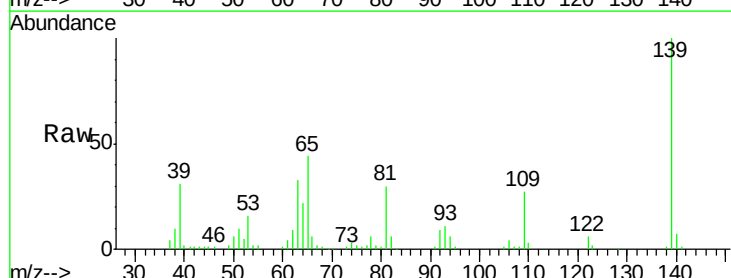
RT: 7.87 min Scan# 983

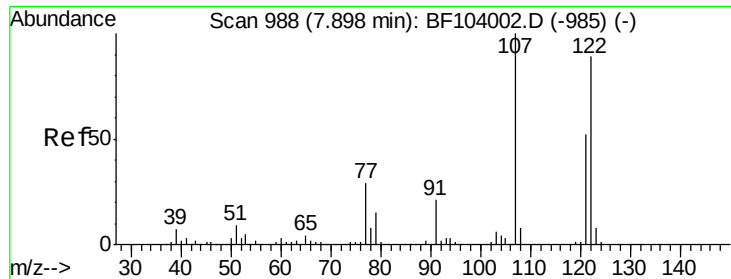
Delta R.T. 0.01 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Tgt Ion:	139	Resp:	166294
Ion Ratio	Lower	Upper	
139	100		
109	27.3	22.7	34.1
65	43.9	40.5	60.7





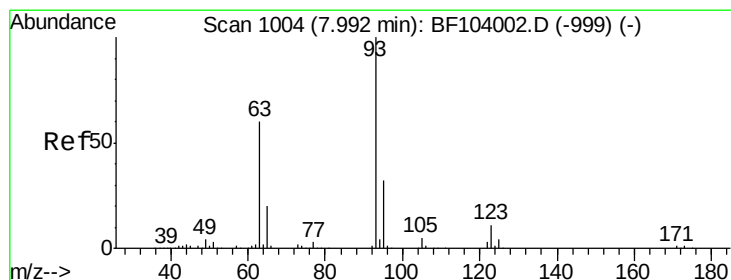
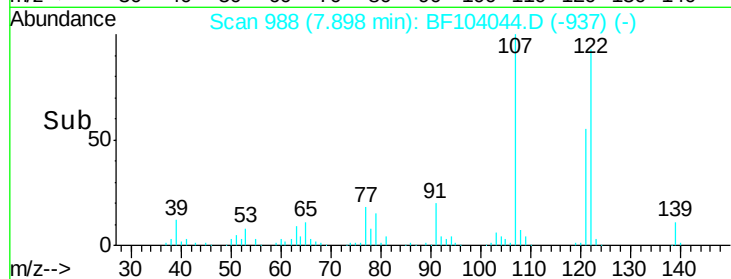
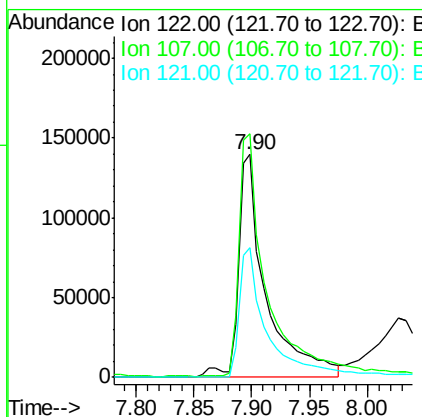
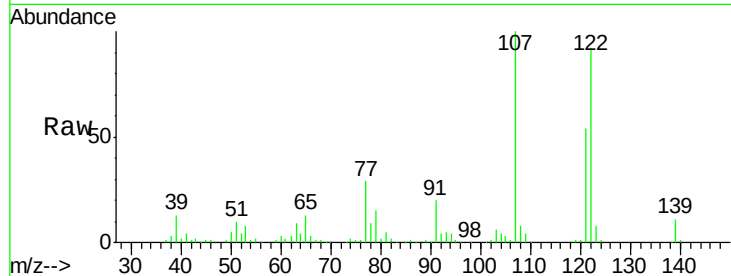
#27
 2,4-Dimethylphenol
 Concen: 37.837 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.2	91.2	136.8
121	58.5	47.2	70.8

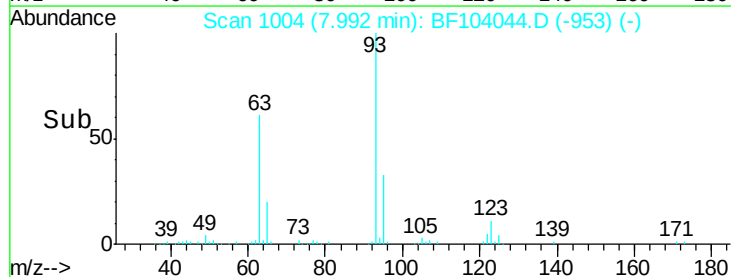
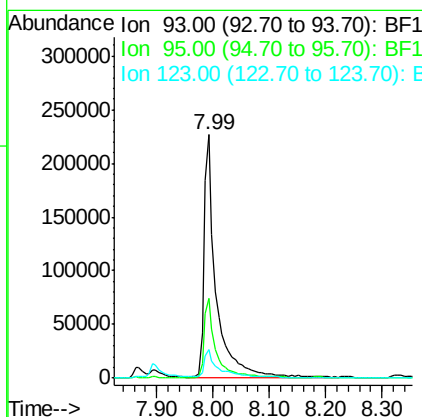
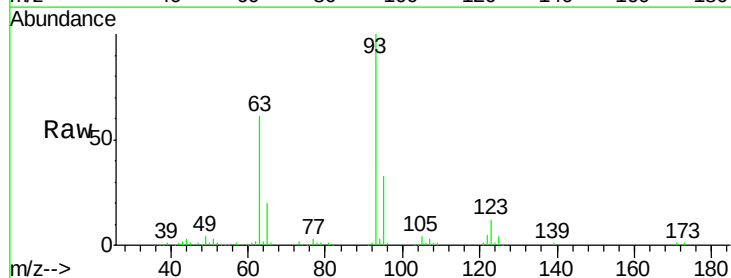
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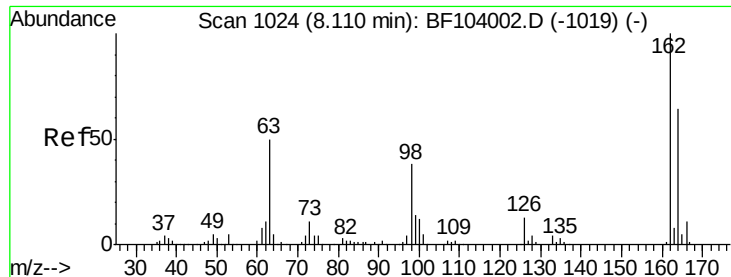
Sohil
 3/30/2018 6:00:40 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.801 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.8	9.8	14.6





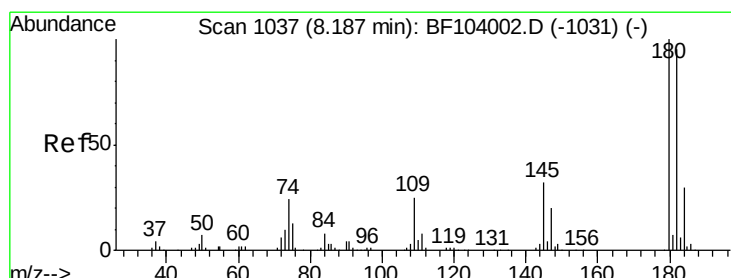
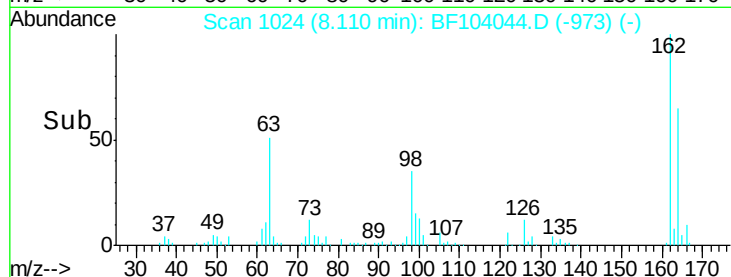
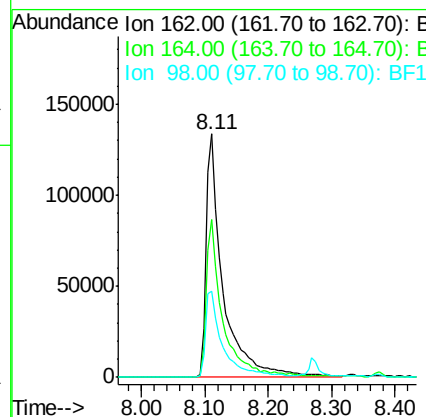
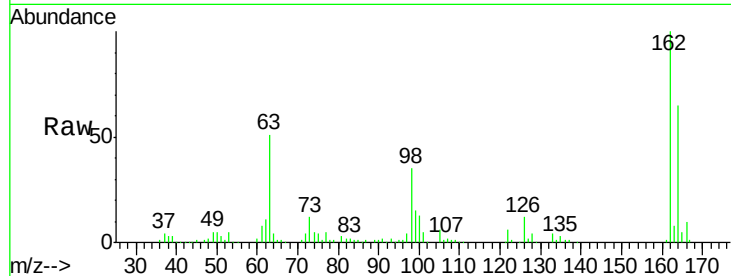
#29
 2,4-Dichlorophenol
 Concen: 38.682 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	246702		
164	64.7		42.7	82.7
98	35.4		18.1	58.1

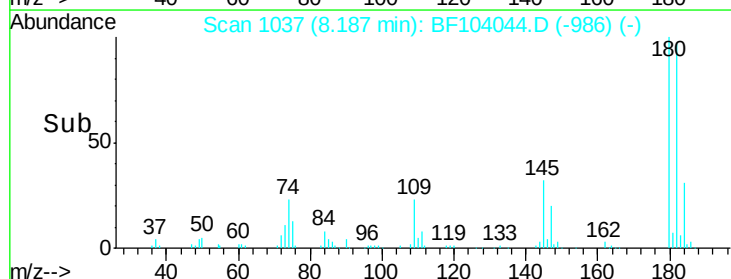
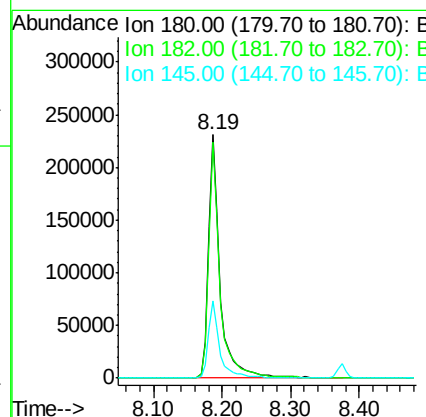
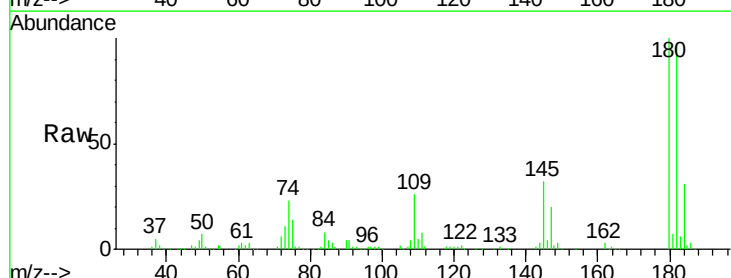
Manual Integrations
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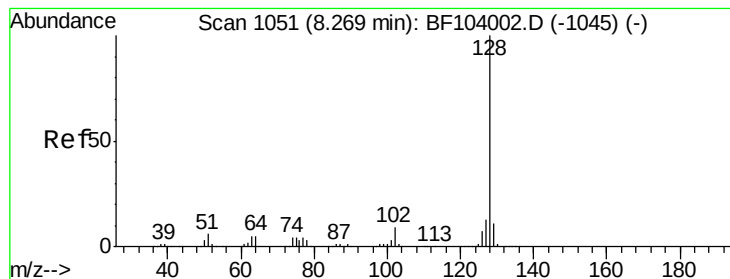
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.748 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	280391		
182	96.7		76.8	115.2
145	31.6		26.5	39.7





#31

Naphthalene

Concen: 41.320 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

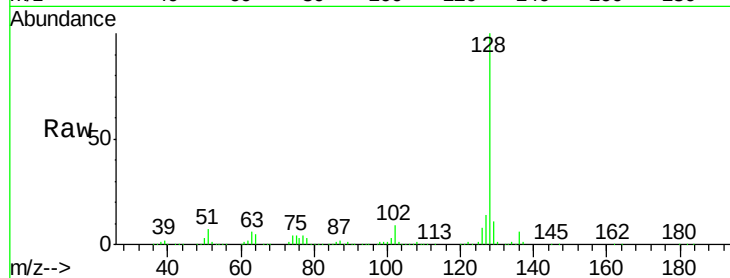
ClientSampleId :

SSTDCCC040

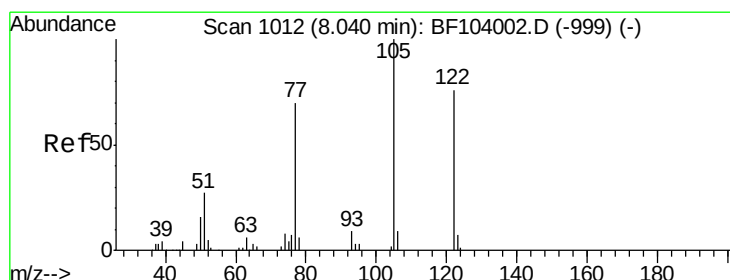
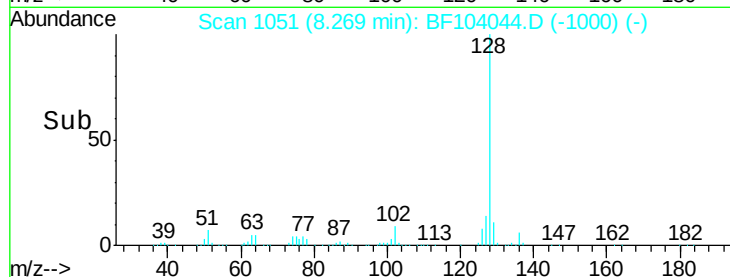
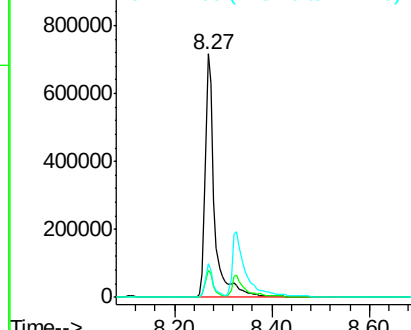
Tot Ion:	128	Resp:	951659
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.7	10.9	16.3

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.575 ng

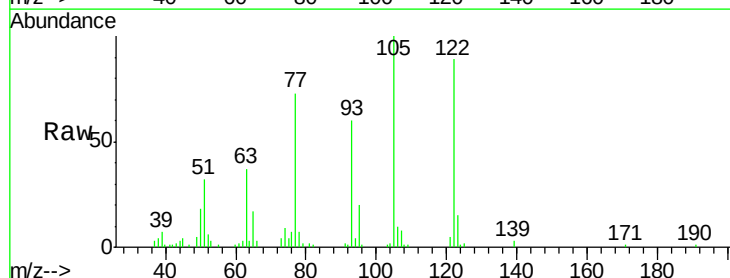
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

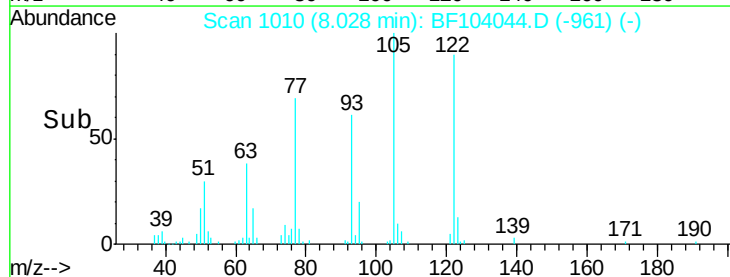
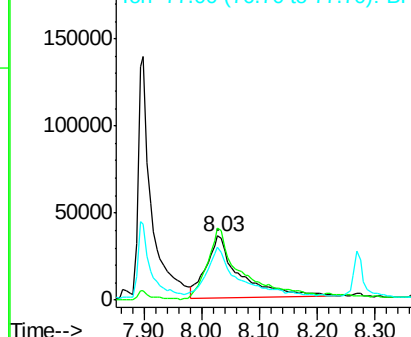
Lab File: BF104044.D

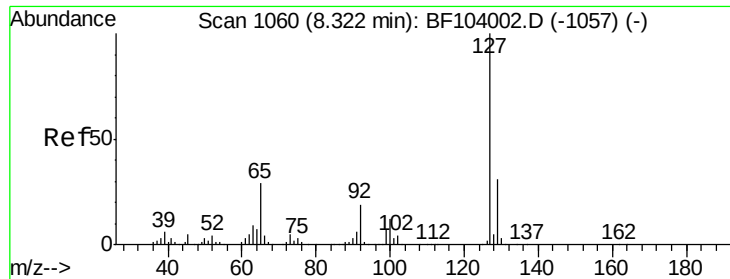
Acq: 29 Mar 2018 12:11

Tgt Ion:	122	Resp:	145711
Ion Ratio	Lower	Upper	
122	100		
105	112.6	101.1	141.1
77	82.7	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





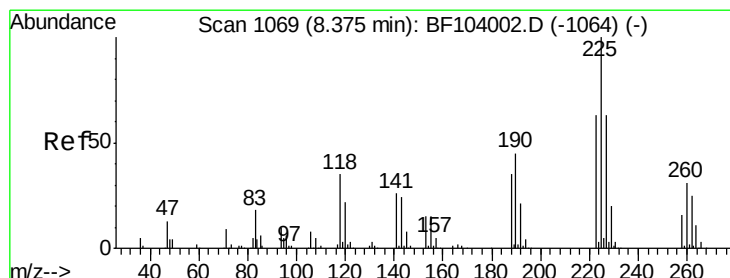
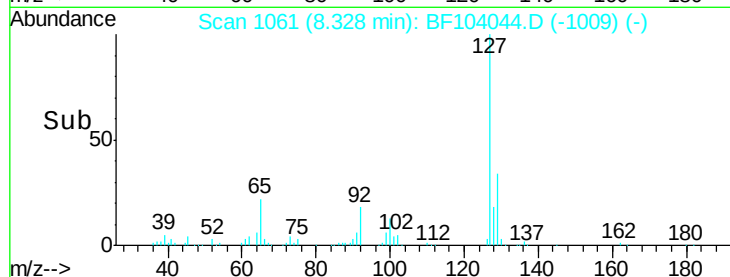
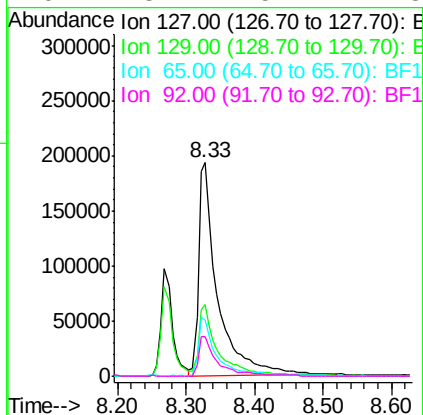
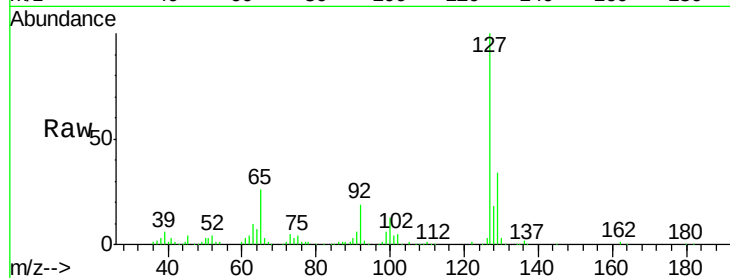
#33
4-Chloroaniline
Concen: 38.713 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.7	25.9	38.9	
65	26.1	25.0	37.4	
92	18.7	15.2	22.8	

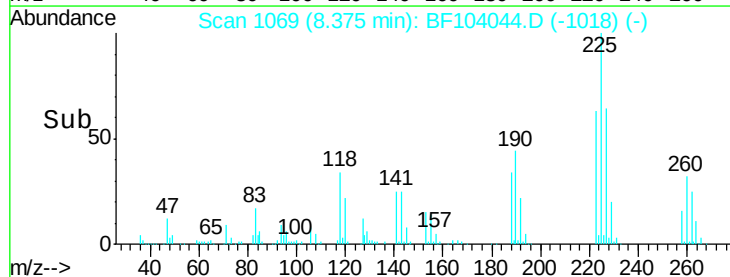
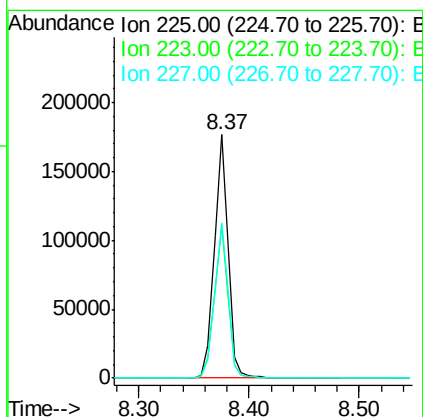
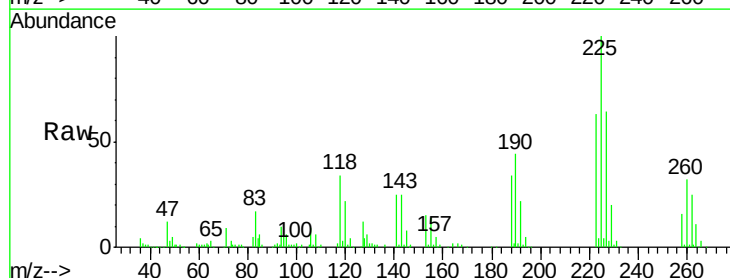
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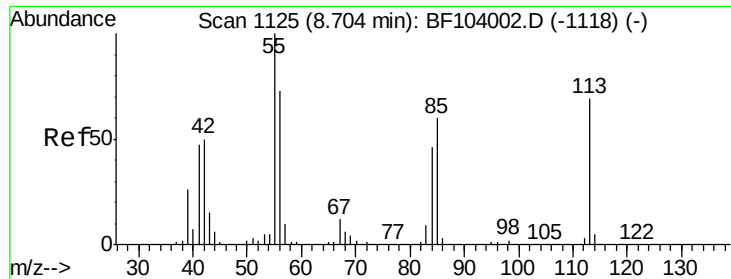
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#34
Hexachlorobutadiene
Concen: 38.566 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.6	76.0	
227	64.0	51.9	77.9	





#35

Caprolactam

Concen: 35.893 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

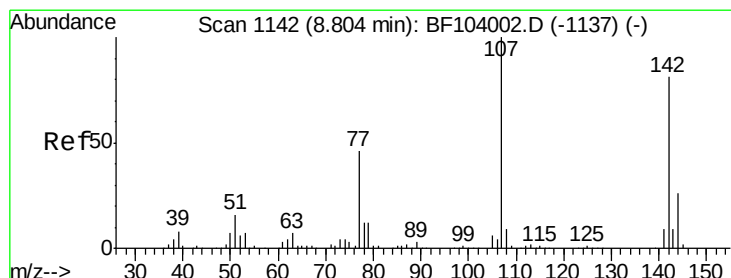
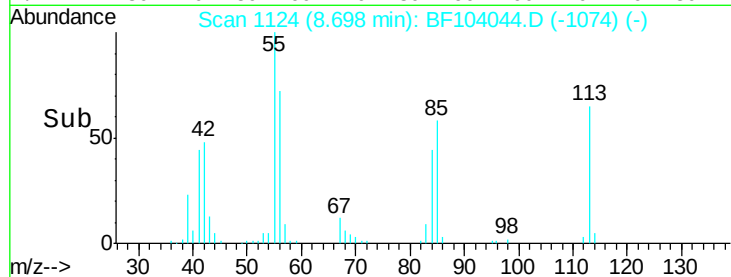
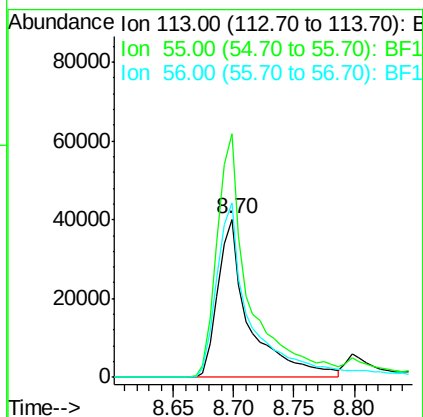
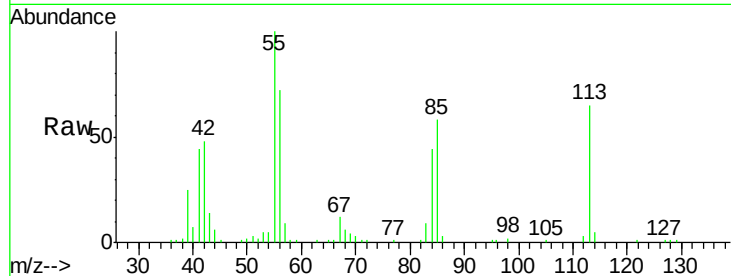
ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 72586
 Ion Ratio Lower Upper
 113 100
 55 154.0 163.3 203.3#
 56 110.2 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 38.836 ng

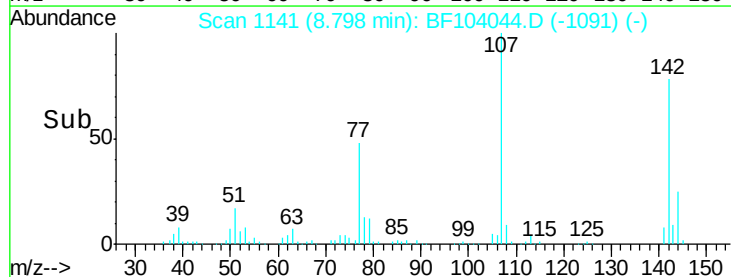
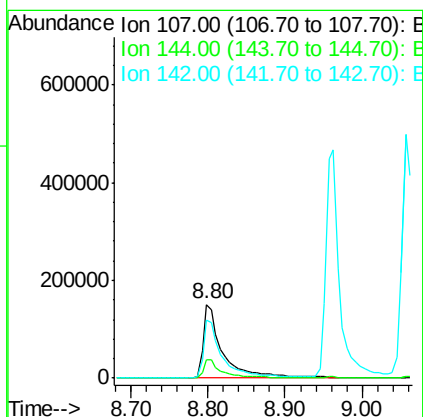
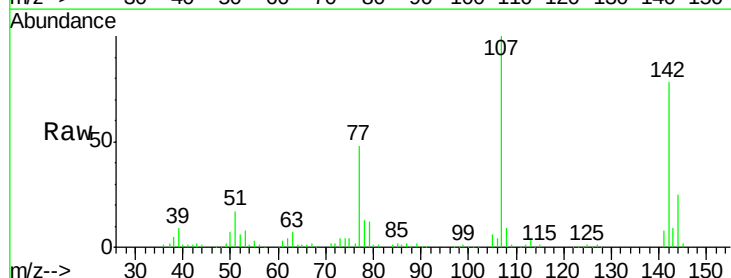
RT: 8.80 min Scan# 1141

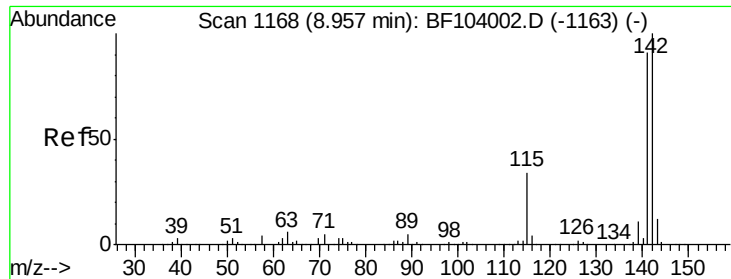
Delta R.T. -0.01 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Tgt Ion:107 Resp: 261985
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 78.2 62.0 93.0





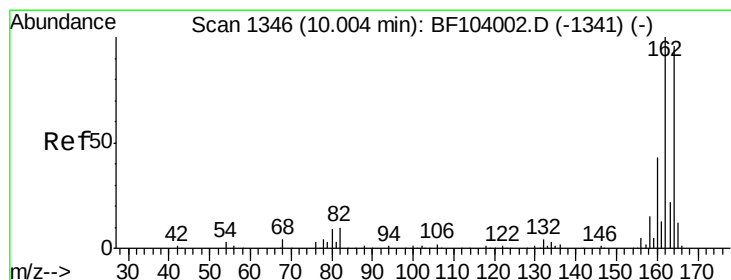
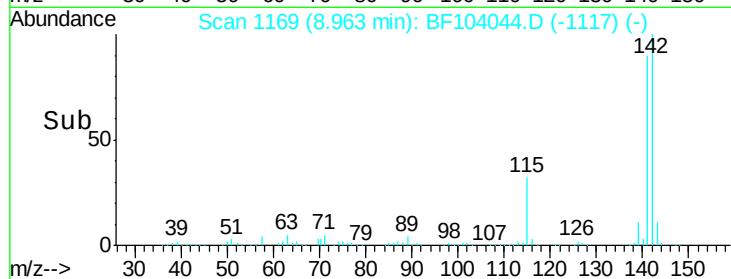
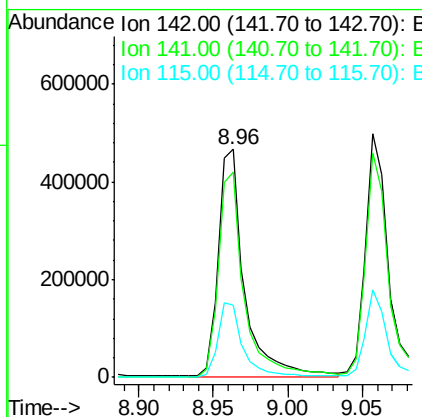
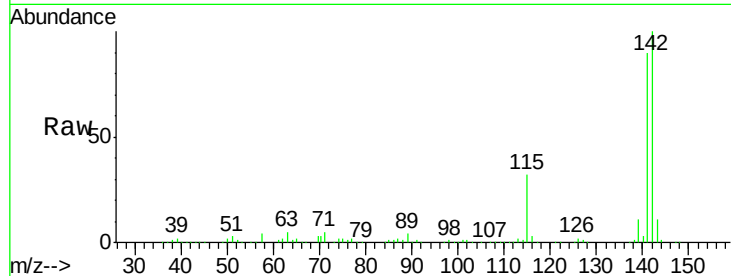
#37
2-Methylnaphthalene
Concen: 38.037 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	31.6	26.1	39.1

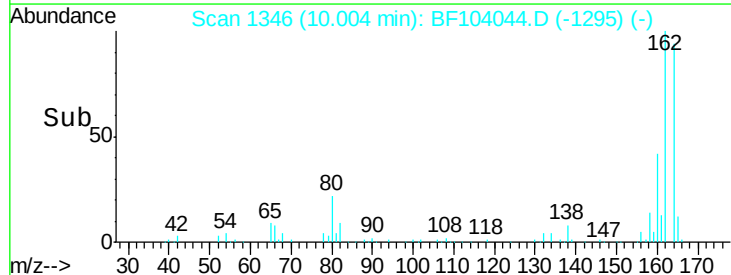
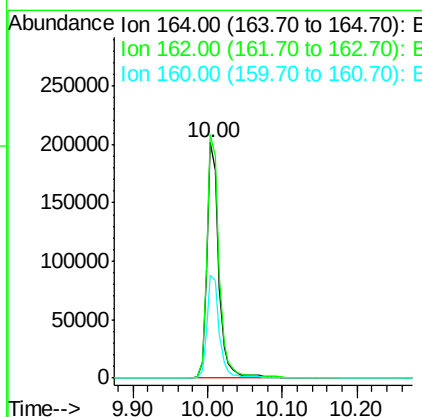
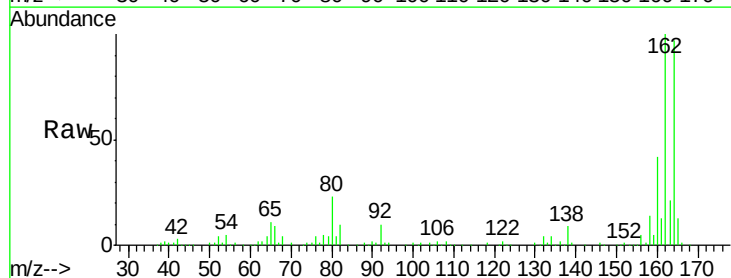
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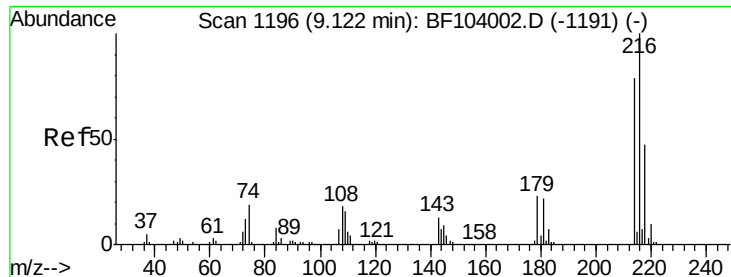
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	43.5	38.3	57.5





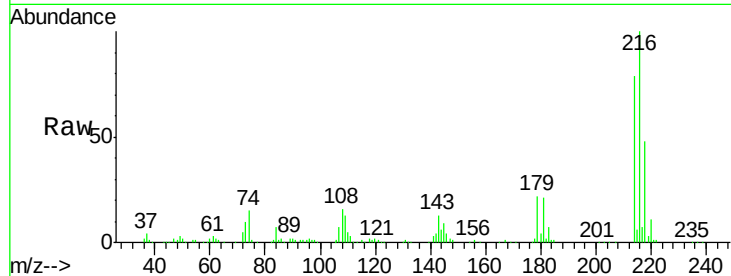
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.977 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

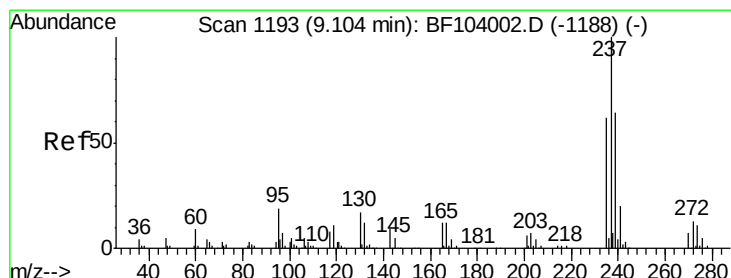
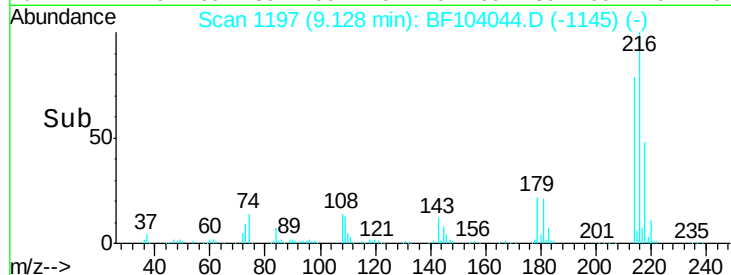
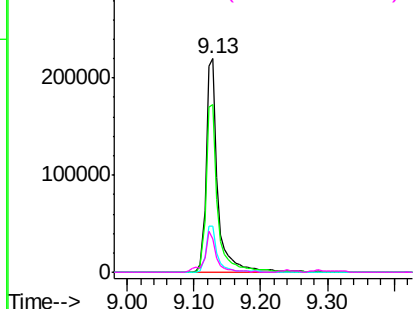
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		267042		
214	78.6	63.0	94.4		
179	21.7	18.1	27.1		
108	18.4	17.2	25.8		

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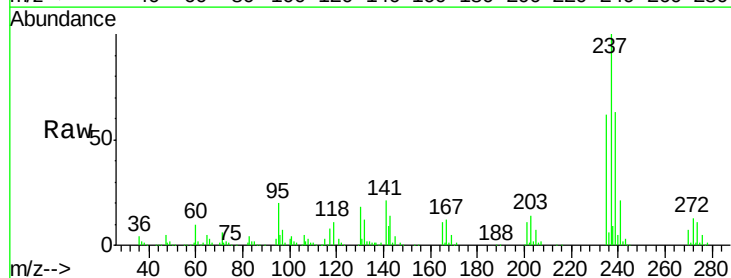


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

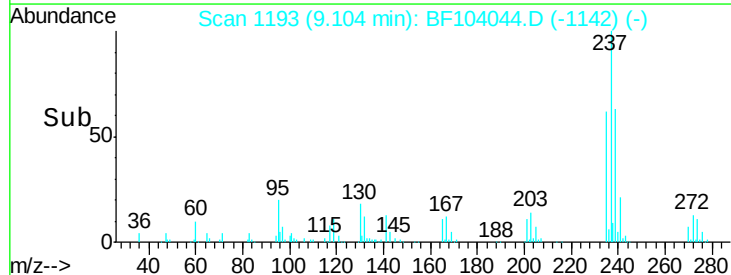
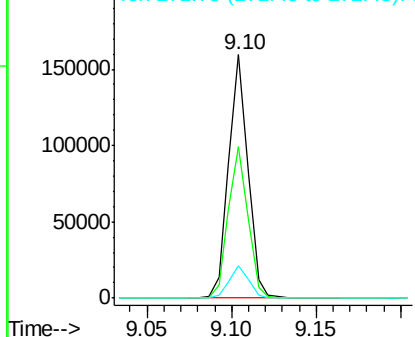


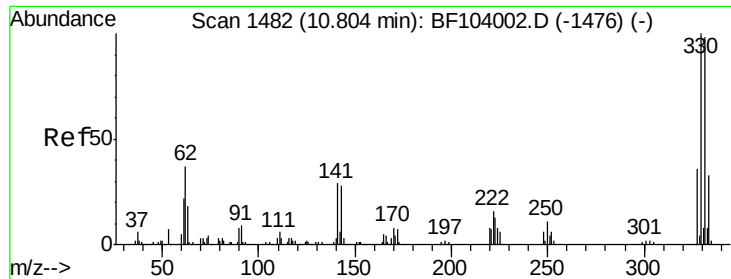
#40
 Hexachlorocyclopentadiene
 Concen: 41.937 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		126382		
235	62.4	44.8	84.8		
272	13.4	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: 80.886 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

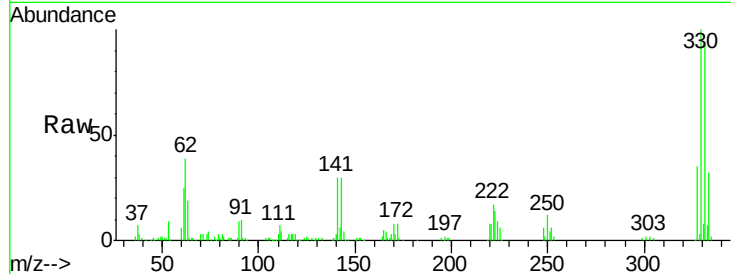
ClientSampleId :

SSTDCCC040

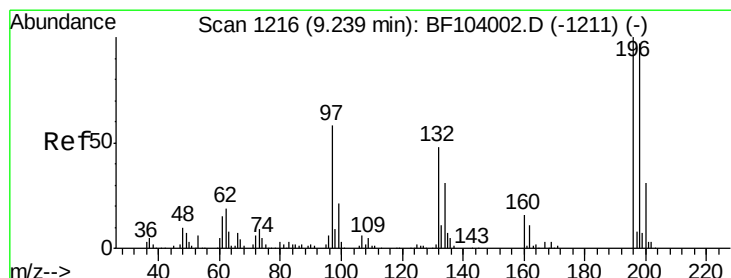
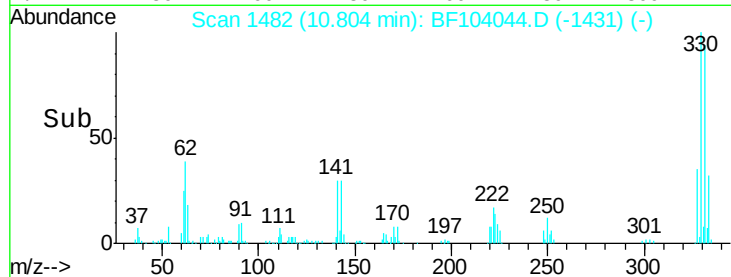
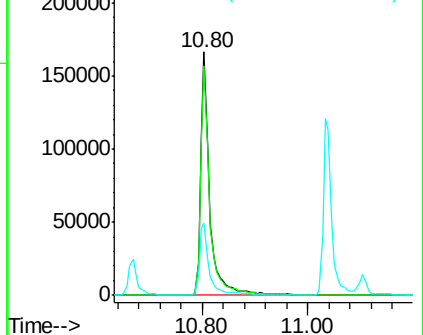
Tot Ion:	330	Resp:	201227
Ion Ratio	Lower	Upper	
330	100		
332	94.3	77.0	115.6
141	30.4	29.9	44.9

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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: 36.330 ng

RT: 9.24 min Scan# 1216

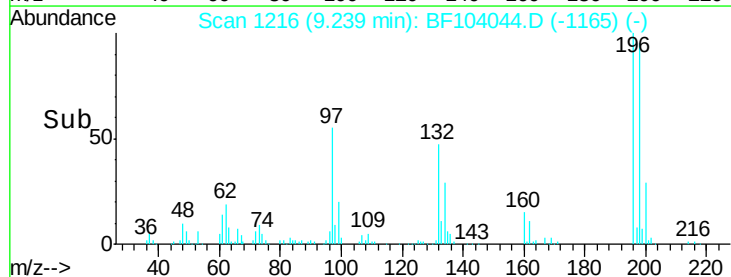
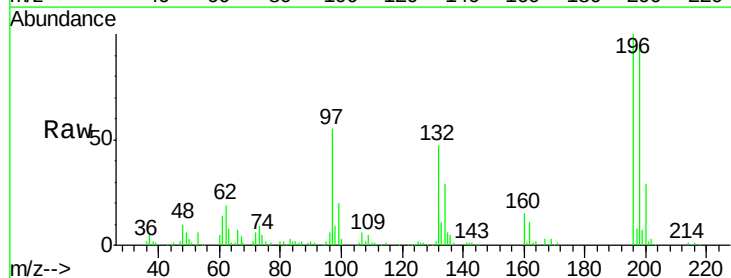
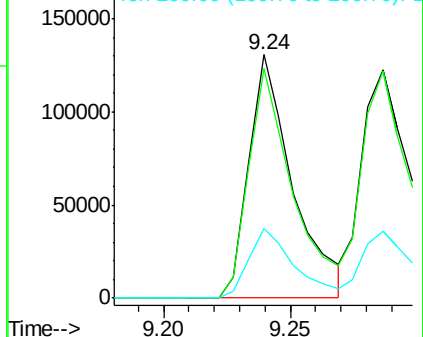
Delta R.T. -0.00 min

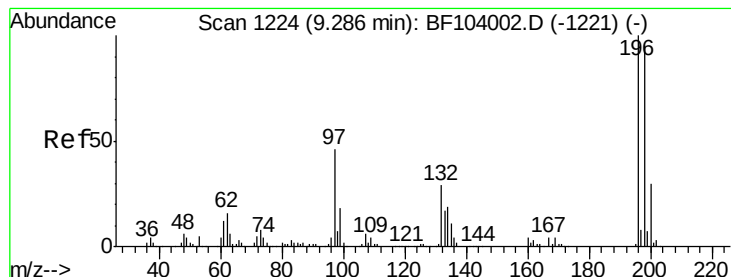
Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Tgt Ion:	196	Resp:	157611
Ion Ratio	Lower	Upper	
196	100		
198	94.5	75.7	113.5
200	28.7	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: 39.609 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

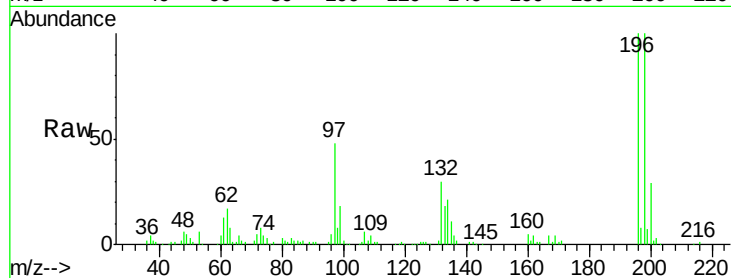
ClientSampleId :

SSTDCCC040

Tot Ion:	196	Resp:	207478
Ion Ratio	Lower	Upper	
196	100		
198	99.8	74.6	112.0
97	48.1	42.9	64.3
132	30.3	26.3	39.5

Manual Integrations
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3/30/2018 6:00:40 PM



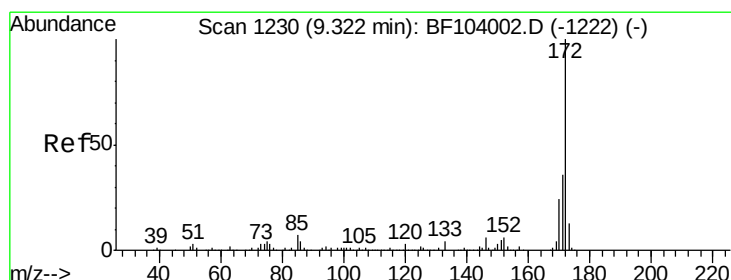
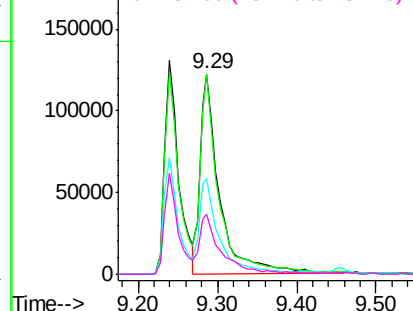
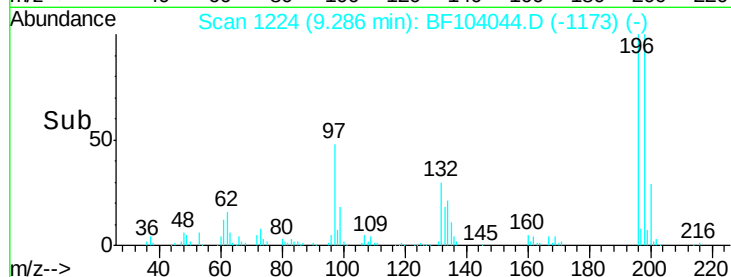
Abundance Ion 196.00 (195.70 to 196.70): E

200000

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 81.323 ng

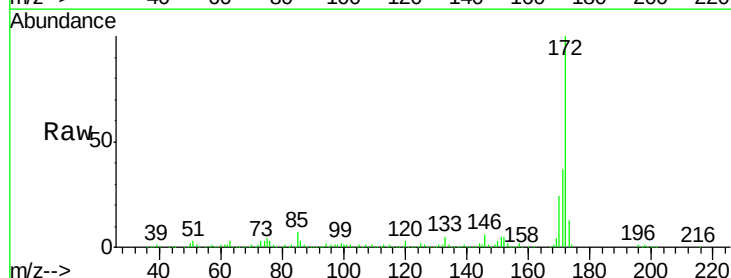
RT: 9.32 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

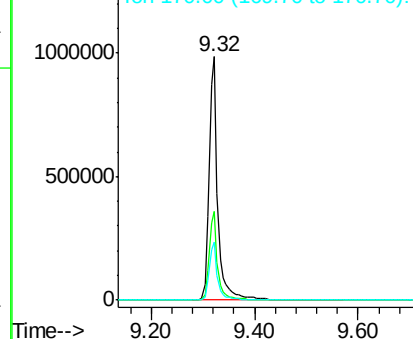
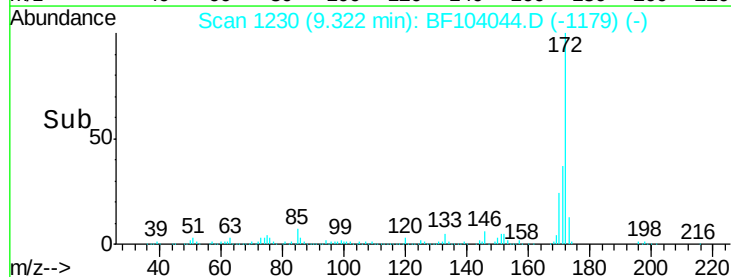
Tgt Ion:	172	Resp:	1152197
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4

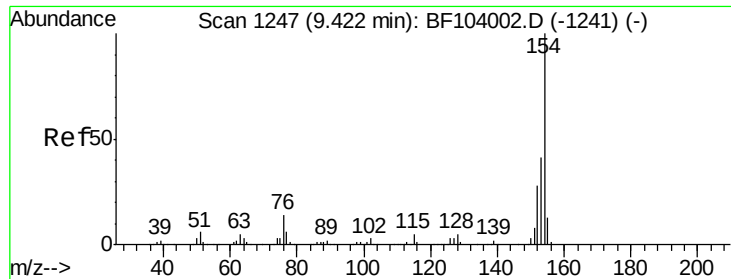


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.682 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

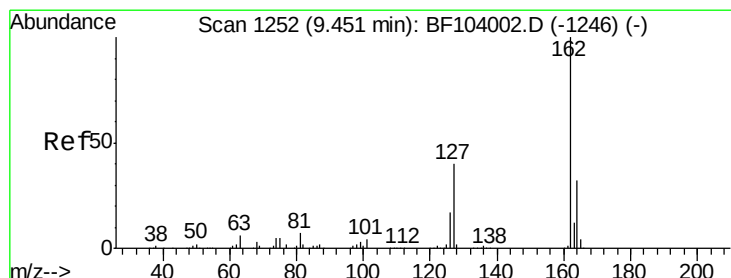
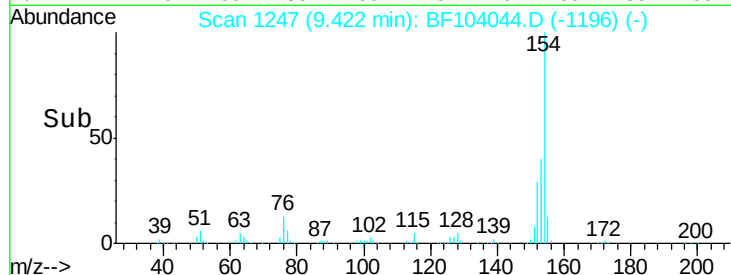
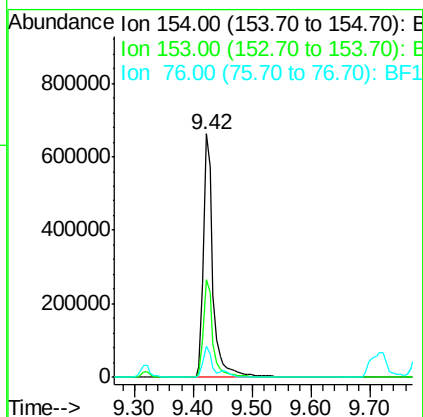
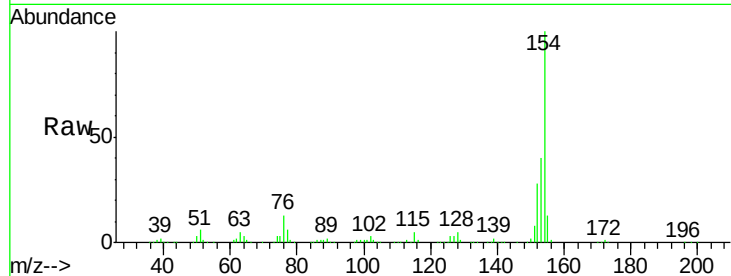
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	741743
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	13.0	0.0	34.0

Manual Integrations
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3/30/2018 6:00:40 PM



#46

2-Chloronaphthalene

Concen: 38.896 ng

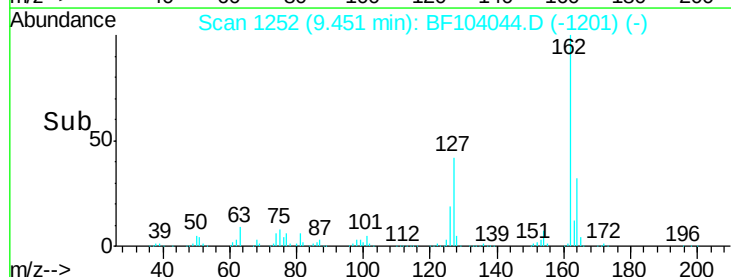
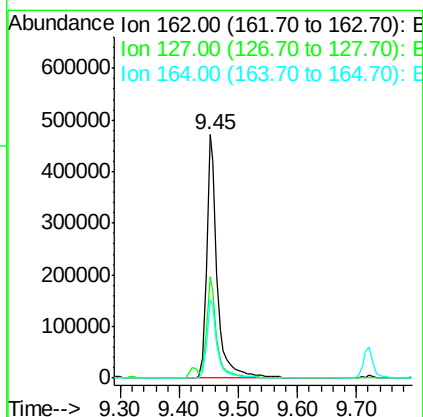
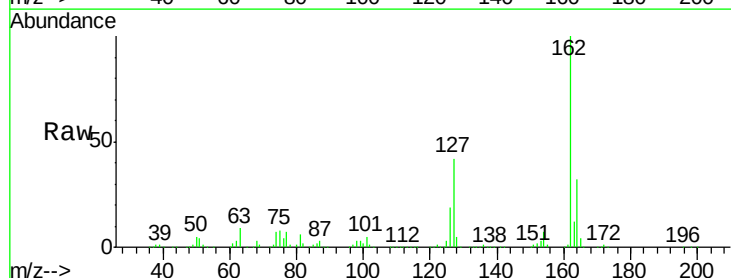
RT: 9.45 min Scan# 1252

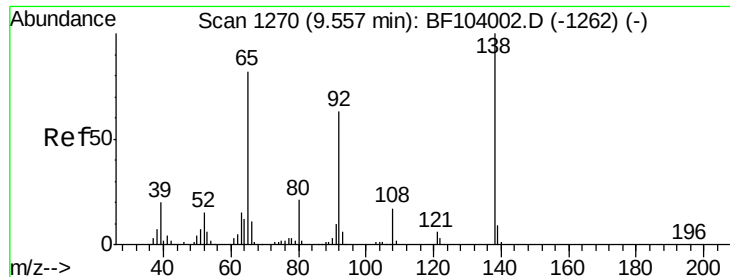
Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Tgt Ion:	162	Resp:	588330
Ion Ratio	Lower	Upper	
162	100		
127	41.9	33.9	50.9
164	32.2	26.5	39.7





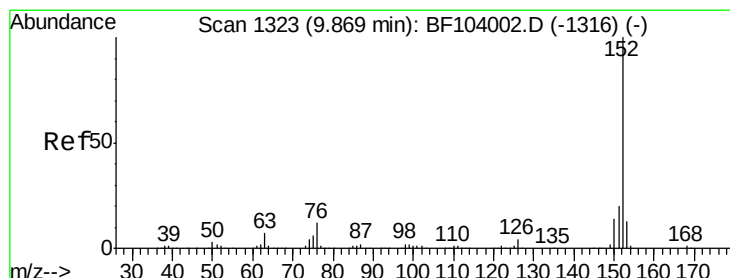
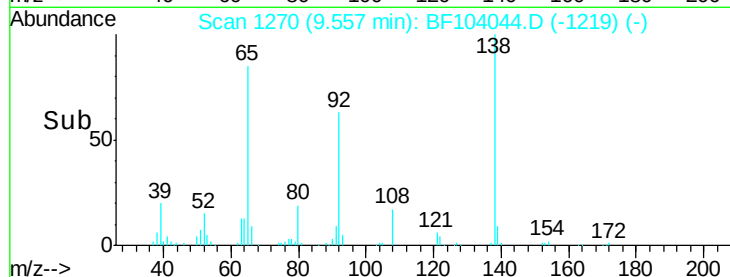
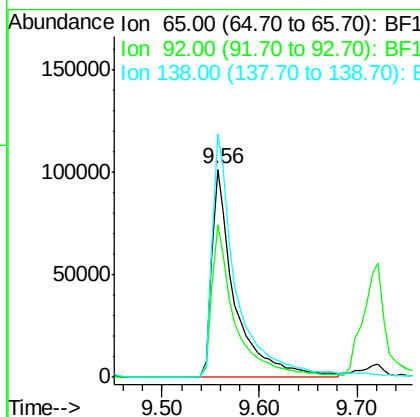
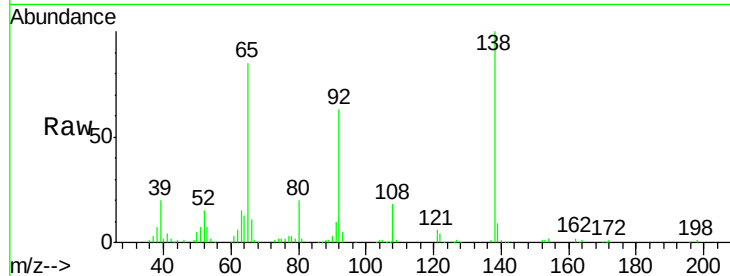
#47
2-Nitroaniline
Concen: 38.506 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.5	55.8	83.6
138	117.0	91.2	136.8

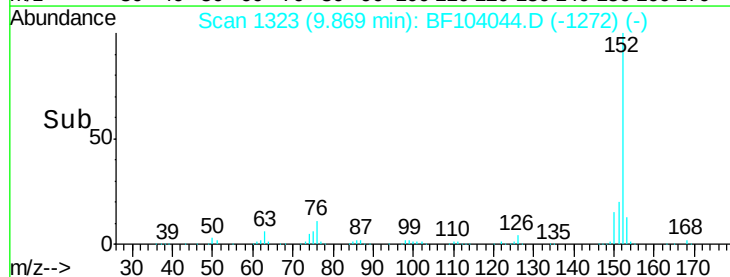
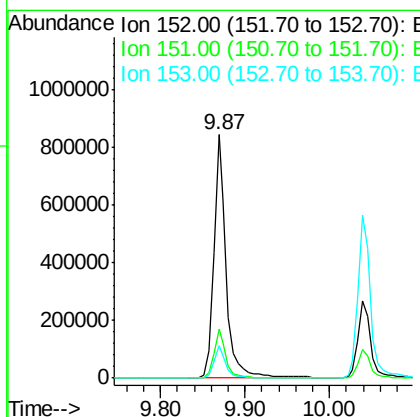
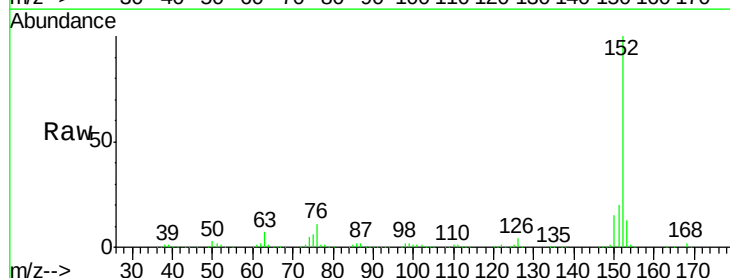
Manual Integrations
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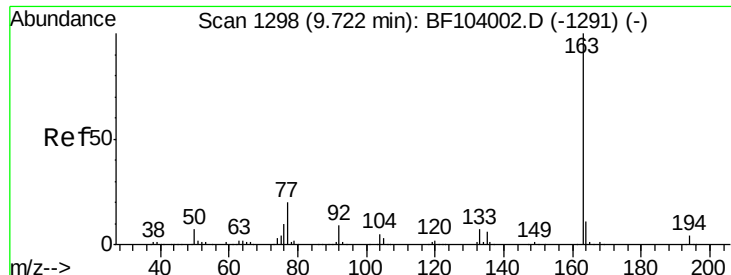
Sohil
3/30/2018 6:00:40 PM



#48
Acenaphthylene
Concen: 38.390 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.4	10.7	16.1





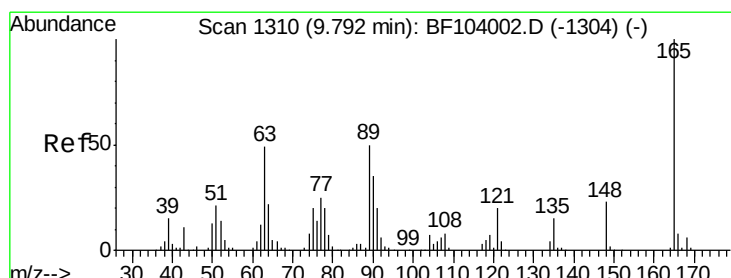
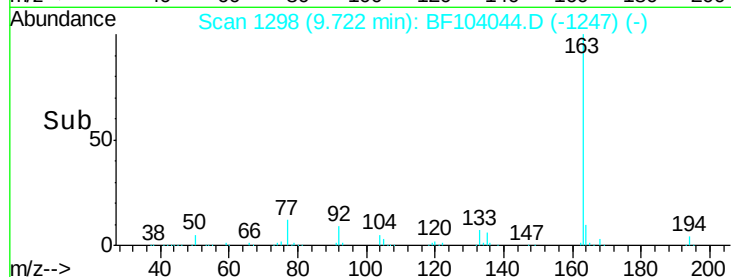
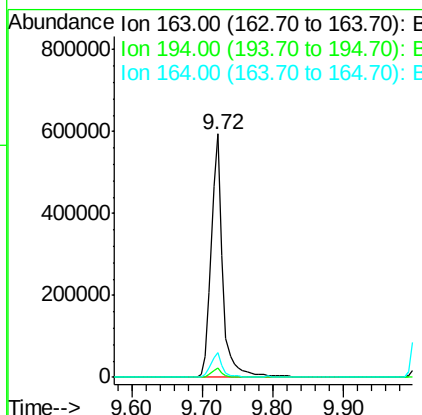
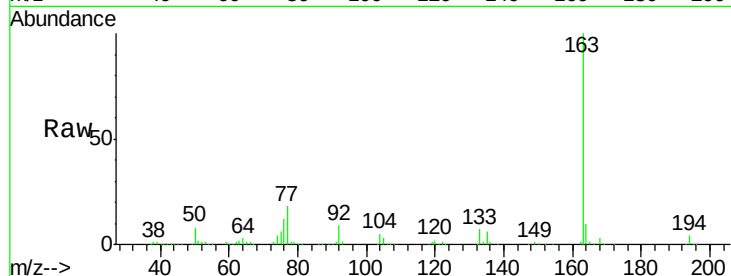
#49
Dimethylphthalate
Concen: 38.694 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		682551		
194	3.6		2.7	4.1	
164	10.2		8.2	12.2	

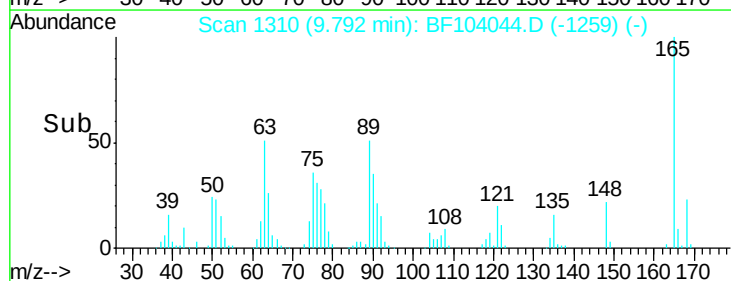
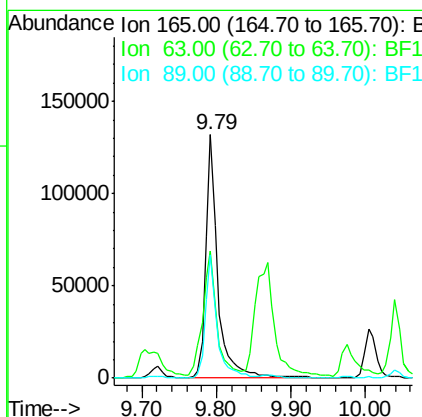
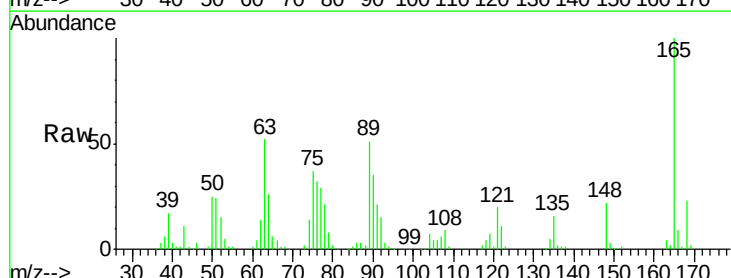
Manual Integrations
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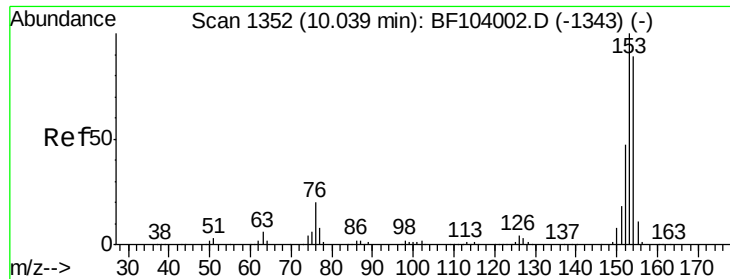
Sohil
3/30/2018 6:00:40 PM



#50
2,6-Dinitrotoluene
Concen: 39.429 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		149636		
63	52.2		44.7	67.1	
89	50.6		44.0	66.0	





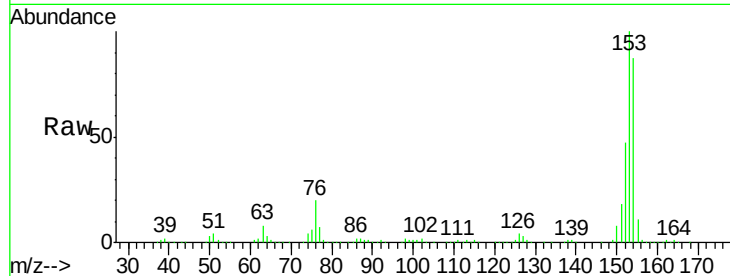
#51
Acenaphthene
Concen: 37.123 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

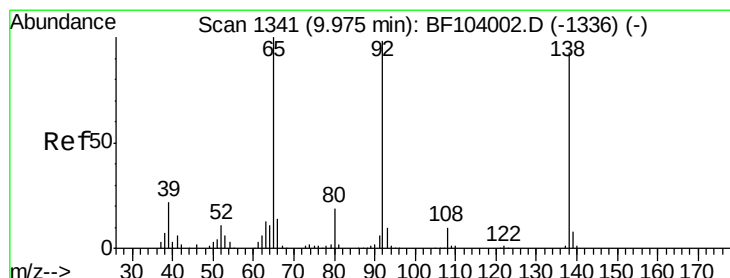
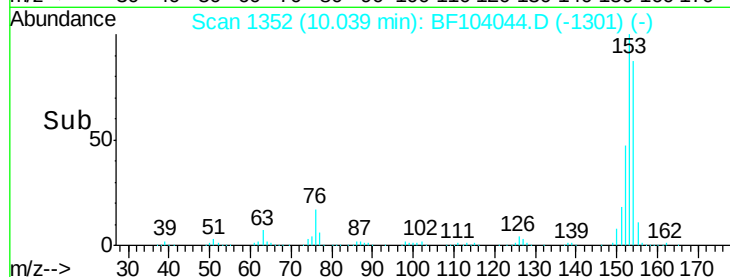
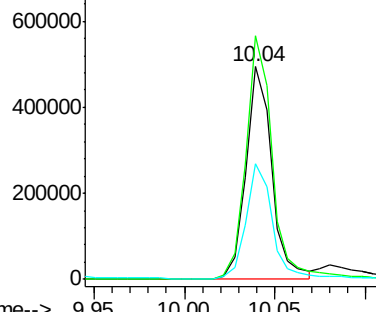
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.2	136.8
152	54.3	43.8	65.8

Manual Integrations
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3/30/2018 6:00:40 PM



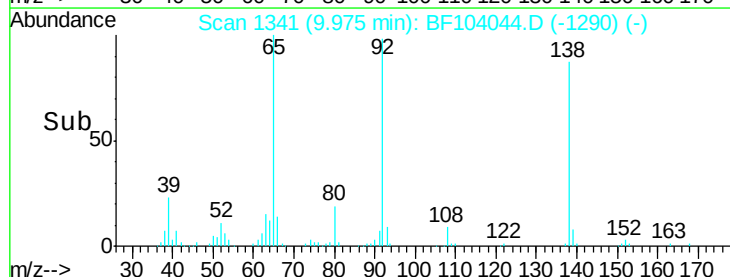
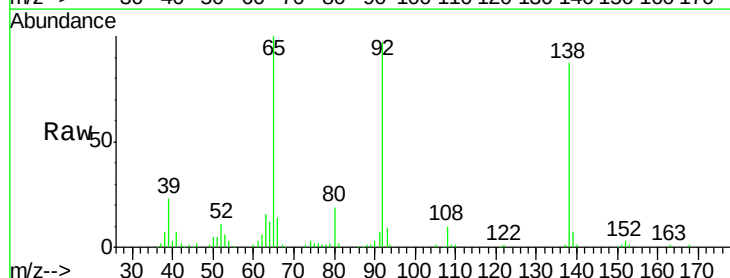
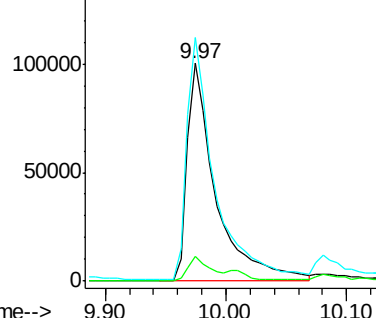
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

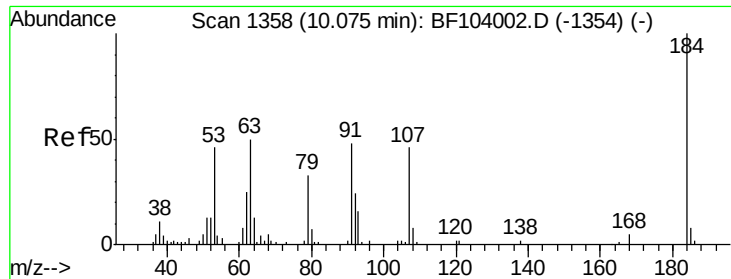


#52
3-Nitroaniline
Concen: 37.583 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.4	14.0
92	111.9	89.4	134.2

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





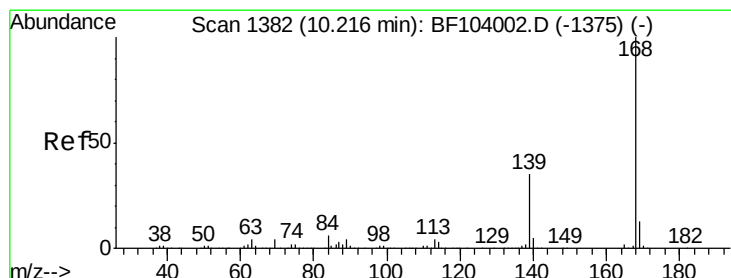
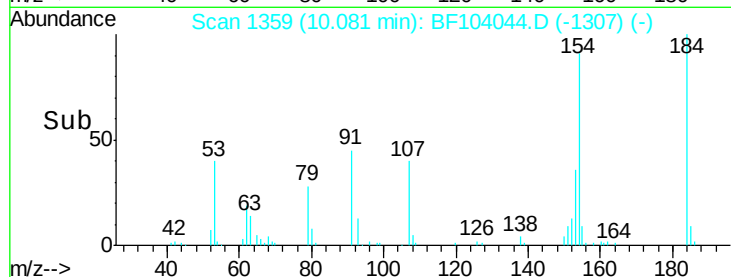
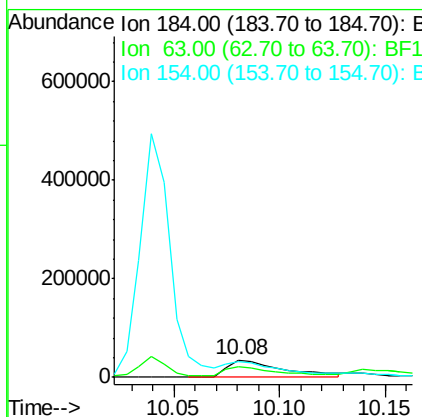
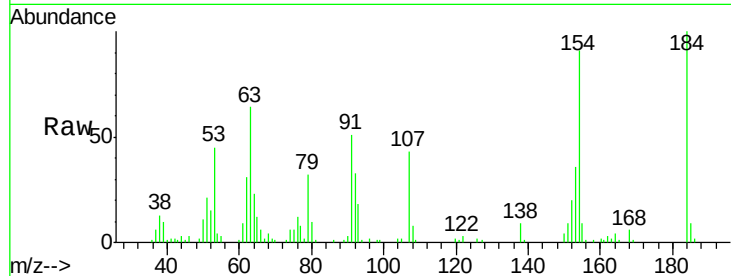
#53
 2,4-Dinitrophenol
 Concen: 42.295 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	65396		
63	63.9	54.2	81.2	
154	91.3	184.0	276.0	

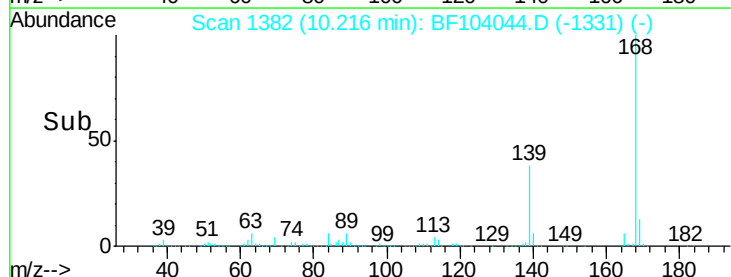
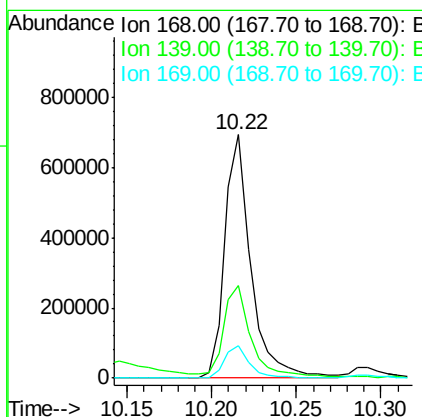
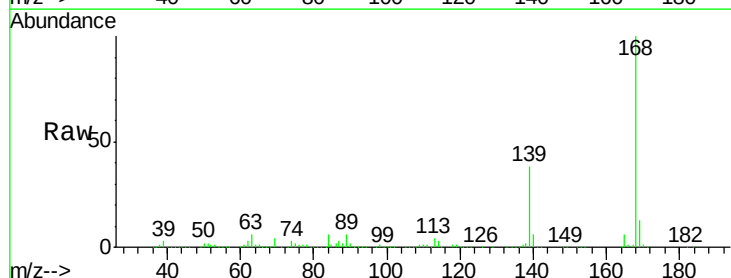
Manual Integrations
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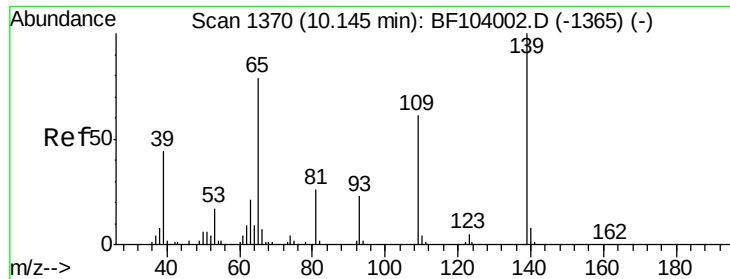
Sohil
 3/30/2018 6:00:40 PM



#54
 Dibenzofuran
 Concen: 38.751 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	750145		
139	37.9	30.1	45.1	
169	13.3	10.9	16.3	





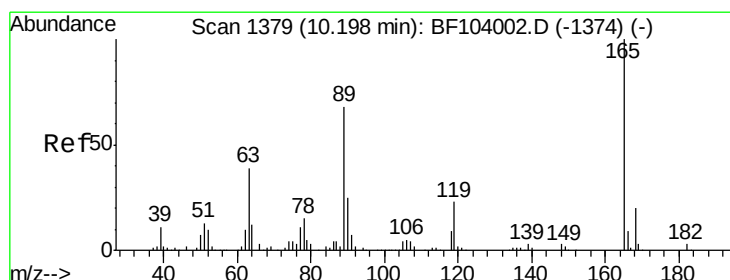
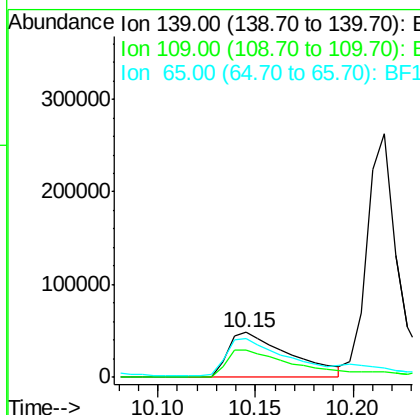
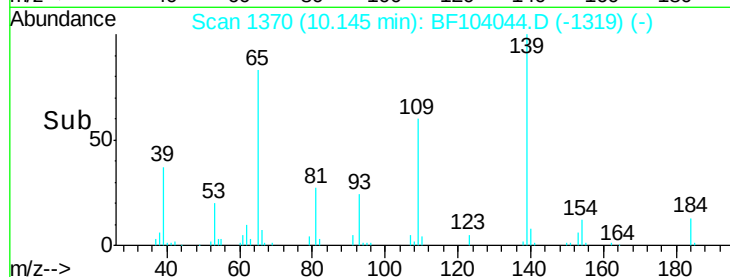
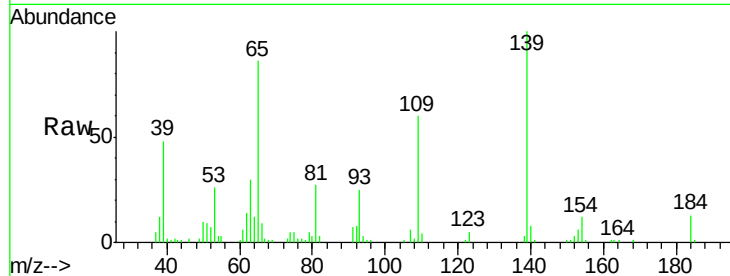
#55
4-Nitrophenol
Concen: 40.850 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.4	48.4	88.4	
65	86.3	72.6	112.6	

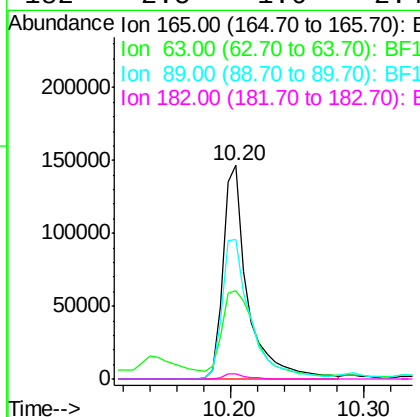
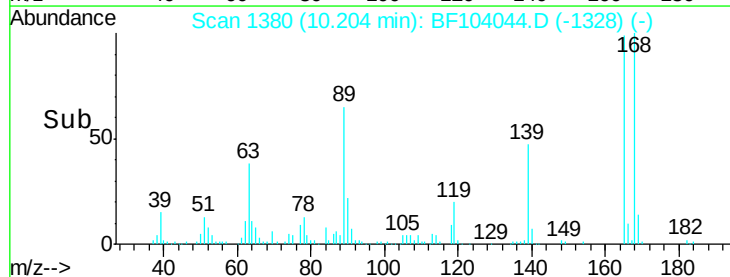
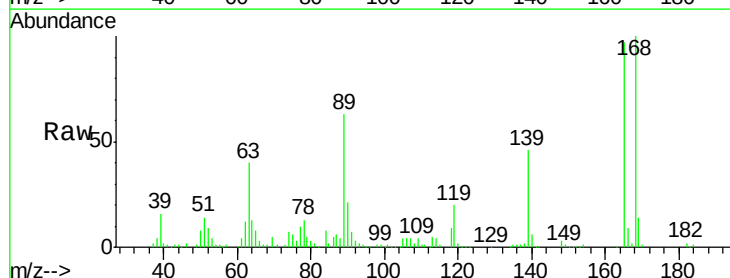
Manual Integrations
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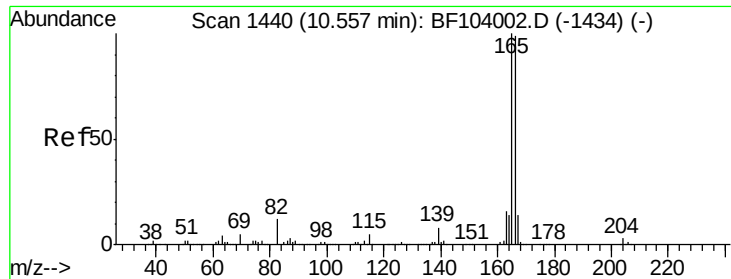
Sohil
3/30/2018 6:00:40 PM



#56
2,4-Dinitrotoluene
Concen: 39.420 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.6	36.4	54.6	
89	65.3	57.8	86.6	
182	2.5	1.6	2.4	#





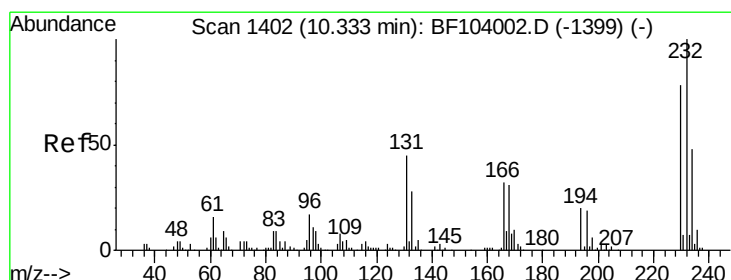
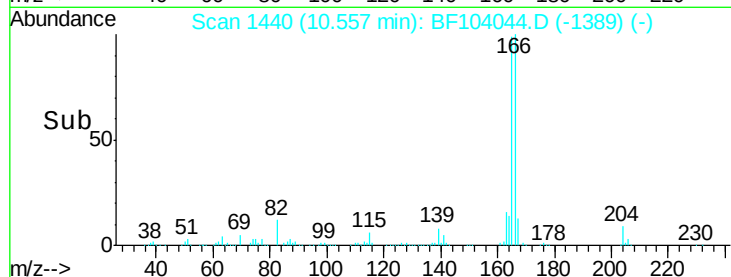
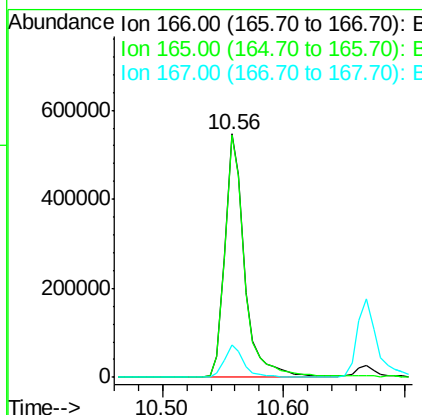
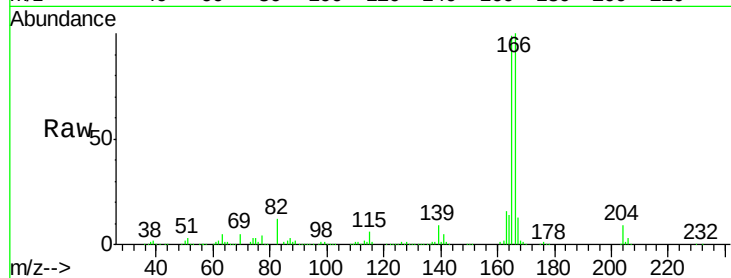
#57
 Fluorene
 Concen: 38.785 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.4	10.6	16.0

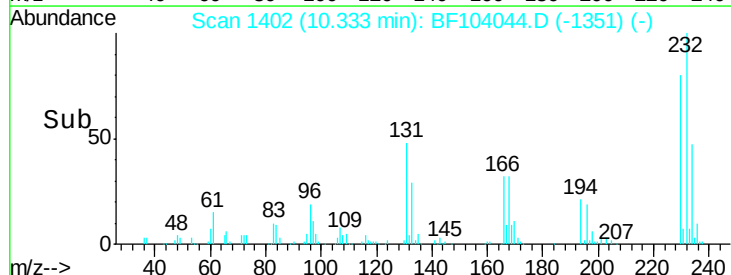
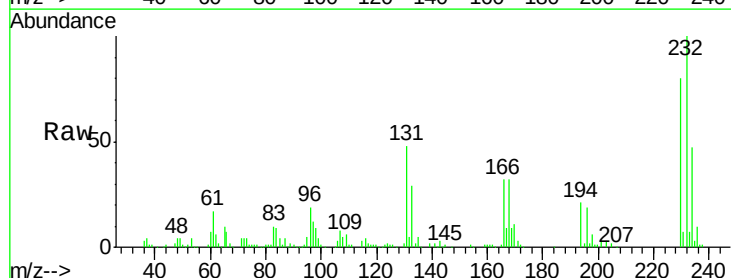
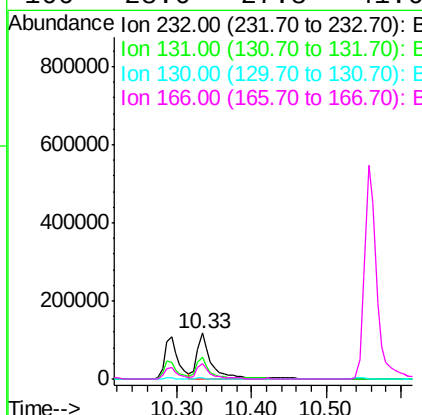
Manual Integrations
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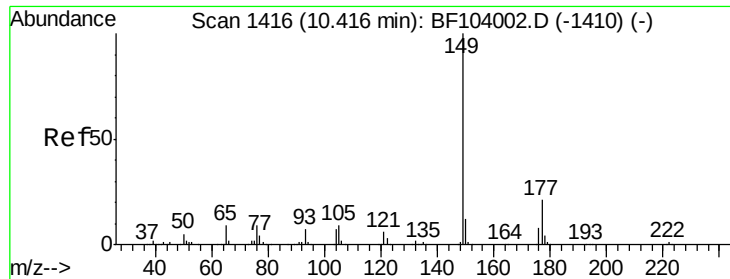
Sohil
 3/30/2018 6:00:40 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.032 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.2	43.8	65.8#
130	2.3	2.1	3.1
166	28.6	27.8	41.6





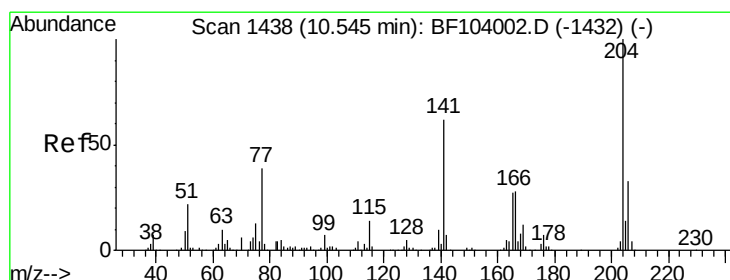
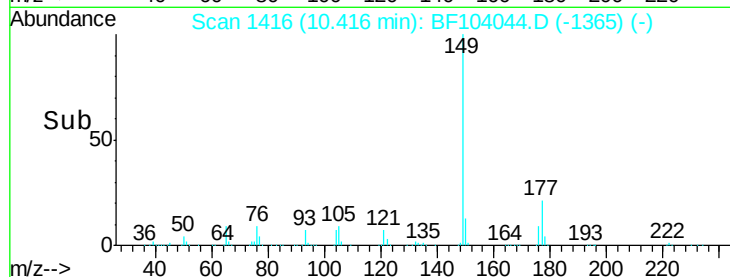
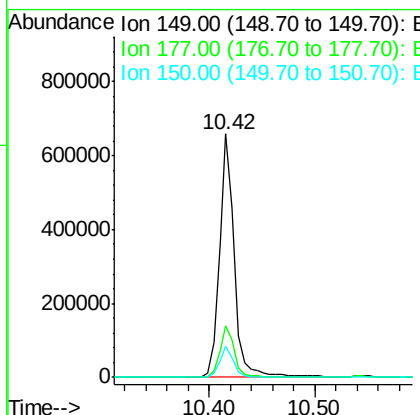
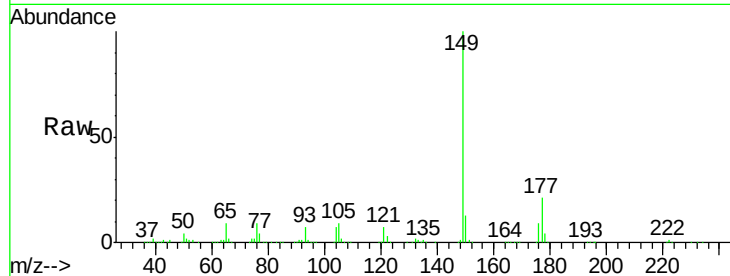
#59
Diethylphthalate
Concen: 38.773 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	12.7	10.1	15.1

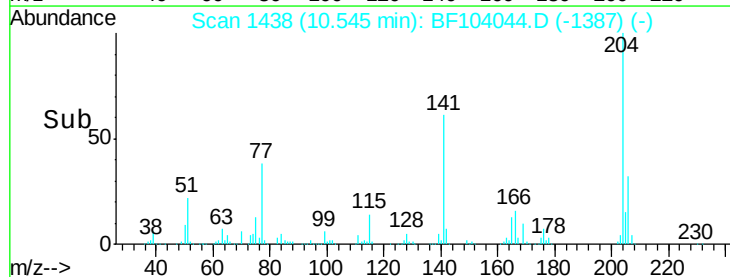
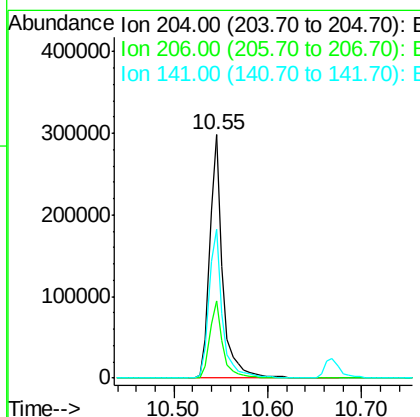
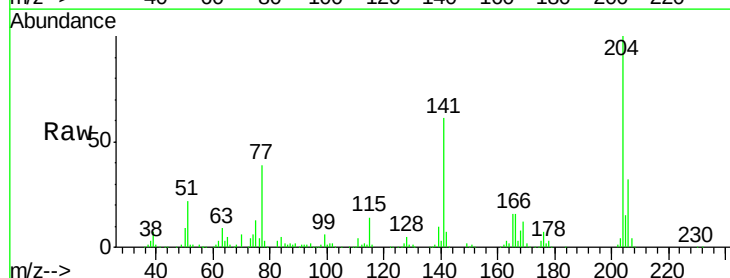
Manual Integrations
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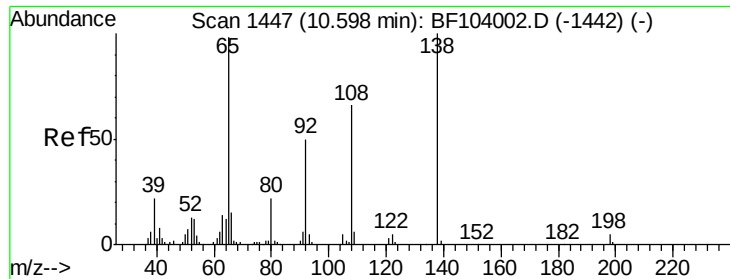
Sohil
3/30/2018 6:00:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.727 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.5	39.7
141	61.1	54.6	81.8





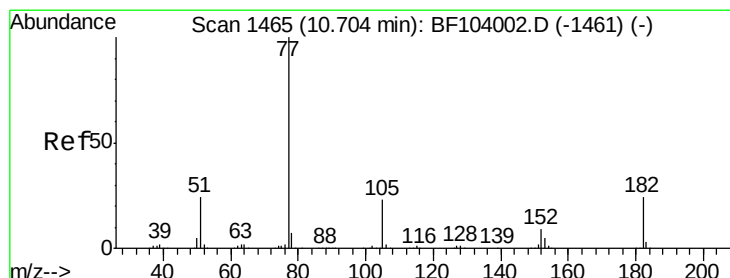
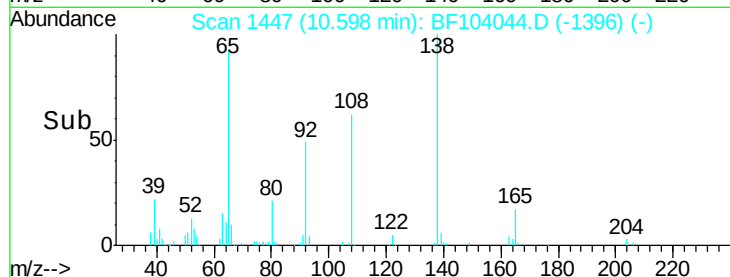
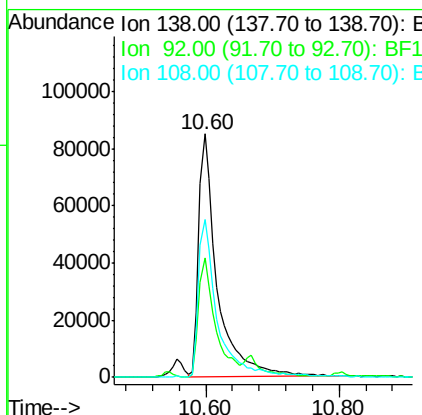
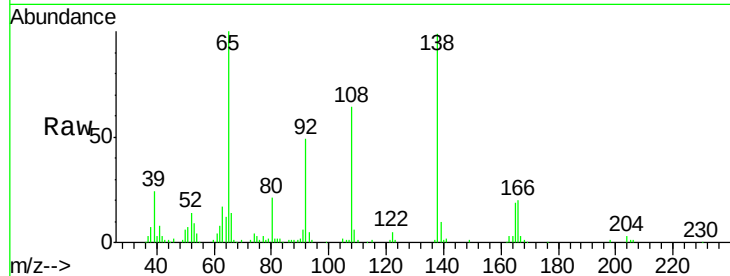
#61
4-Nitroaniline
Concen: 39.126 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.2	30.2	70.2
108	64.9	52.5	92.5

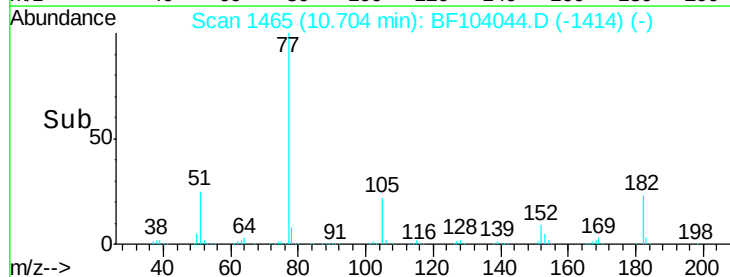
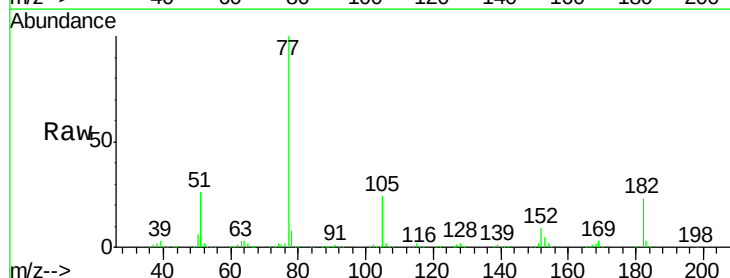
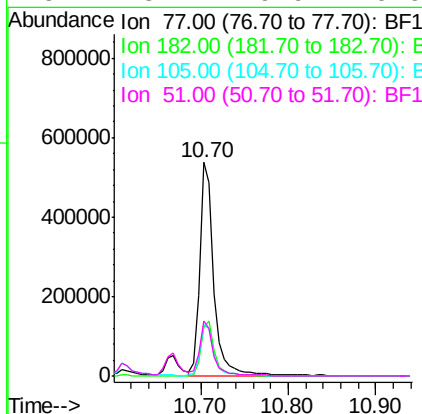
Manual Integrations
APPROVED

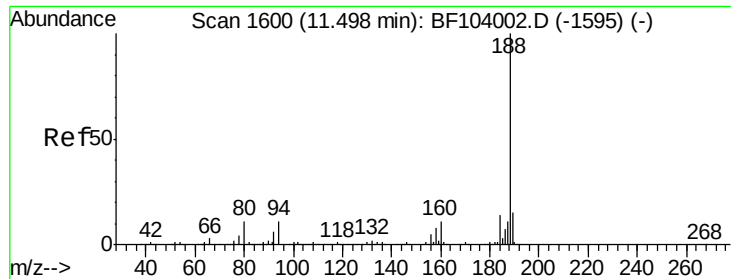
Sohil
3/30/2018 6:00:40 PM



#62
Azobenzene
Concen: 39.117 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	1.7	41.7
105	23.7	3.0	43.0
51	25.7	9.9	49.9





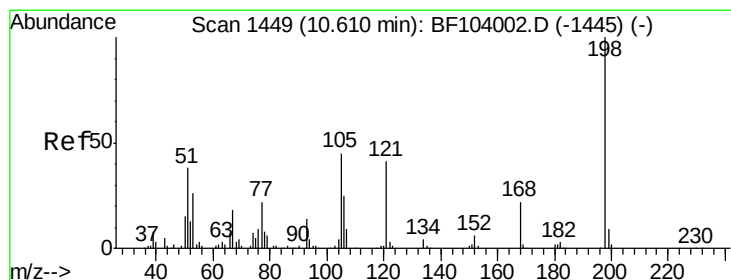
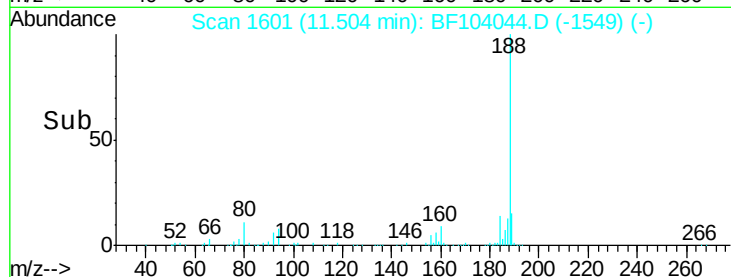
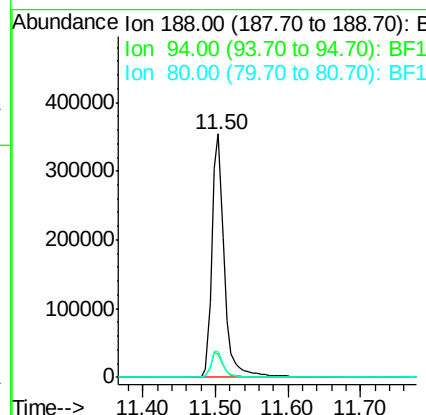
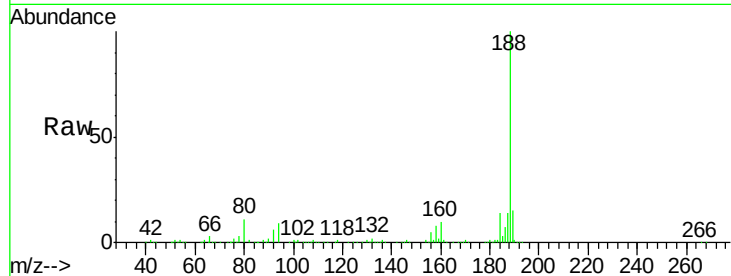
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	419566		
94	9.4		8.5	12.7
80	10.6		9.2	13.8

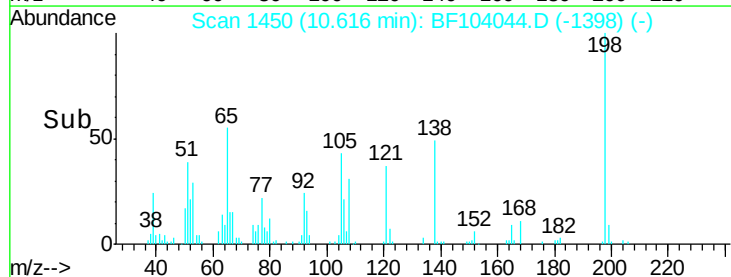
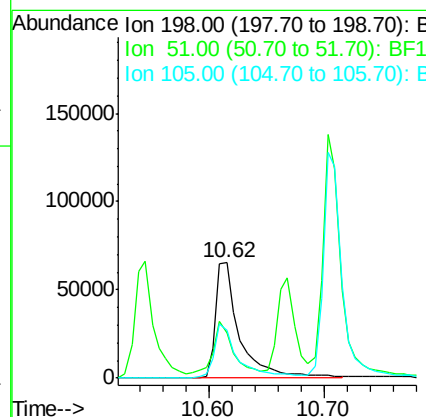
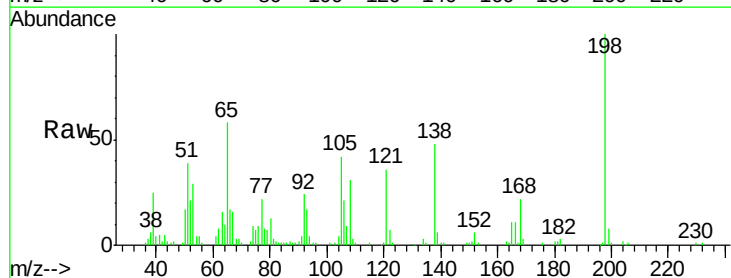
Manual Integrations
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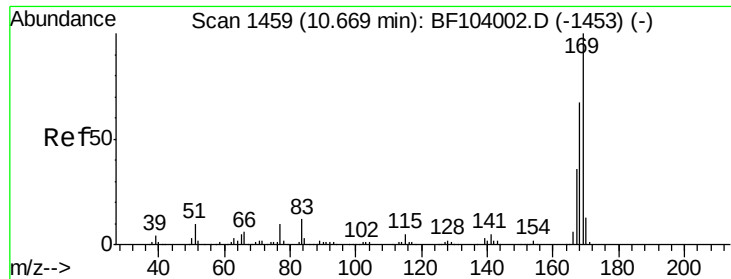
Sohil
3/30/2018 6:00:40 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.240 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	94580		
51	39.2		37.7	77.7
105	41.8		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 38.158 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 542200

Ion Ratio Lower Upper

169 100

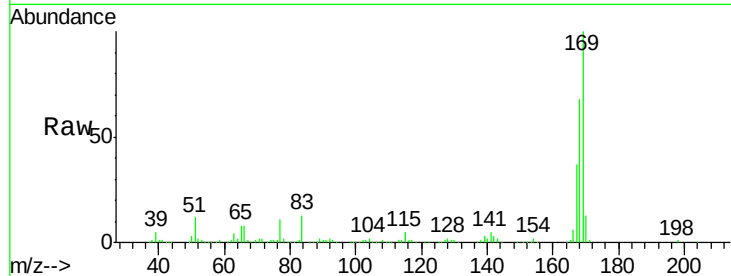
168 67.9 54.4 81.6

167 36.5 29.8 44.6

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

10.67

600000

500000

400000

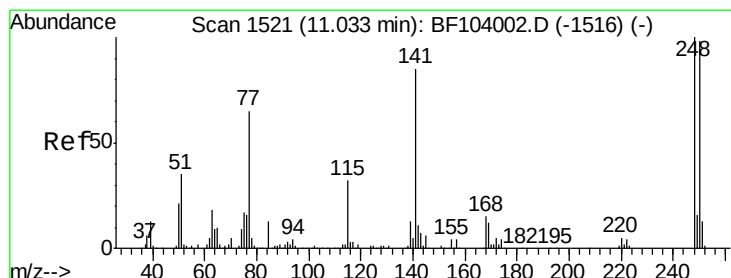
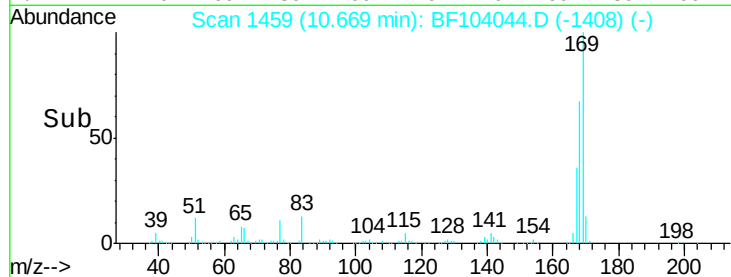
300000

200000

100000

0

Time-->



#66

4-Bromophenyl-phenylether

Concen: 38.496 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

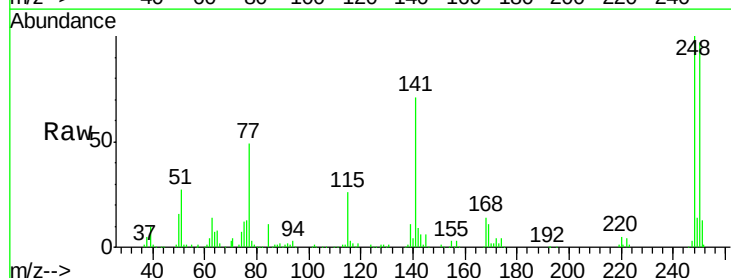
Tgt Ion:248 Resp: 172799

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

141 71.3 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

11.04

200000

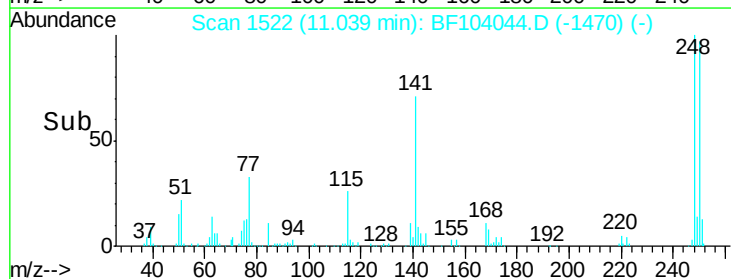
150000

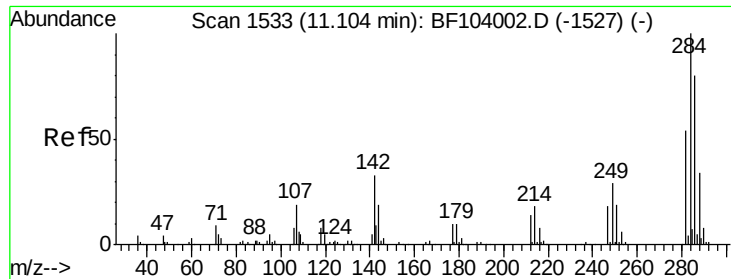
100000

50000

0

Time-->





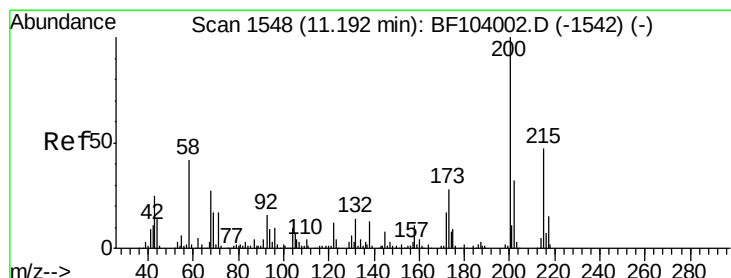
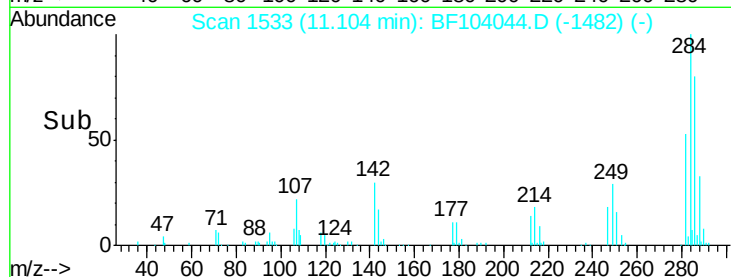
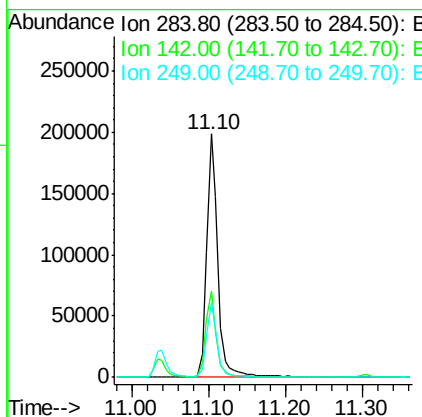
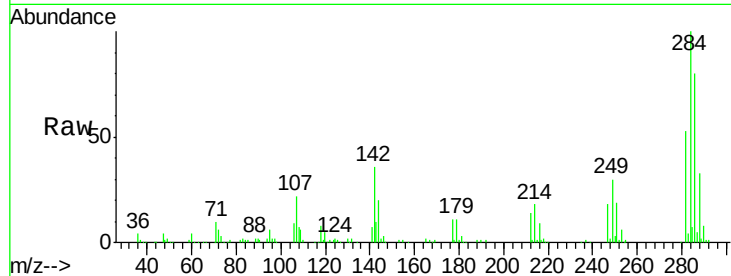
#67
Hexachlorobenzene
Concen: 38.408 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	198316		
142	35.6	34.6	52.0	
249	30.4	24.8	37.2	

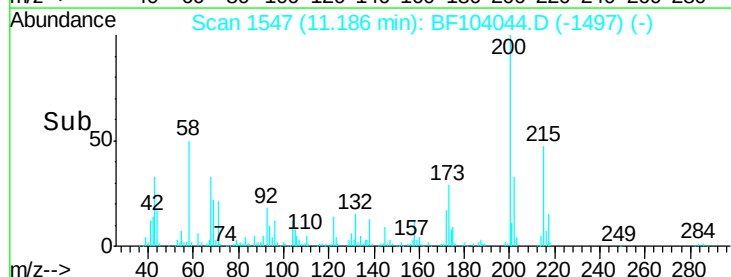
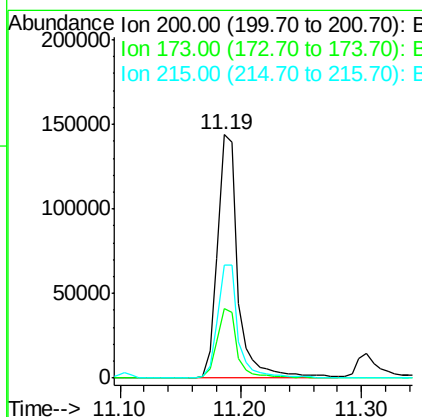
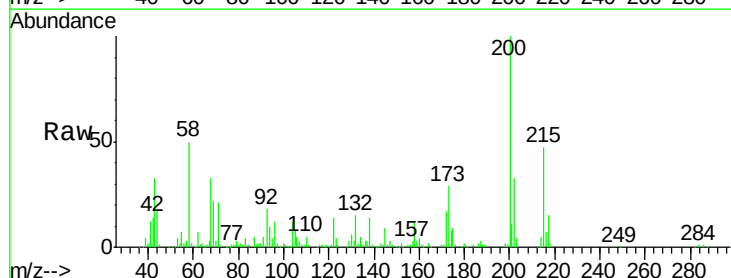
Manual Integrations
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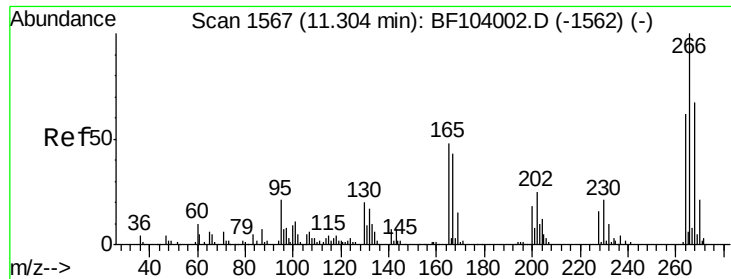
Sohil
3/30/2018 6:00:40 PM



#68
Atrazine
Concen: 38.686 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	168403		
173	28.8	8.6	48.6	
215	46.7	25.1	65.1	





#69

Pentachlorophenol

Concen: 37.132 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

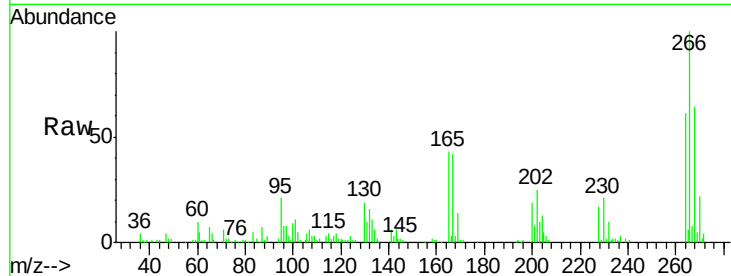
ClientSampleId :

SSTDCCC040

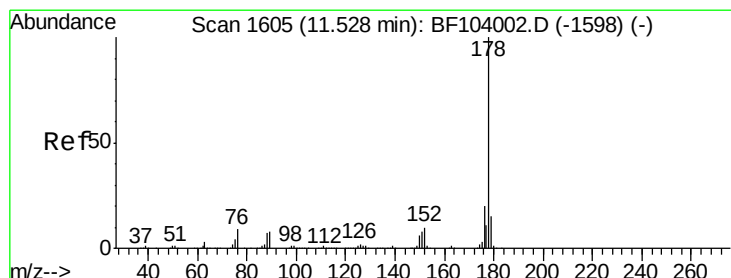
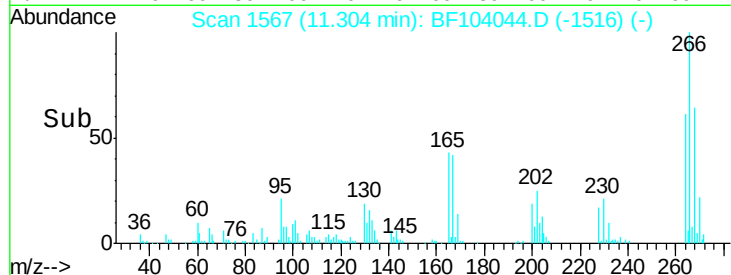
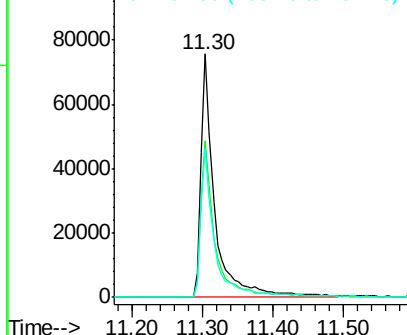
Tot Ion:	266	Resp:	105504
Ion Ratio		Lower	Upper
266	100		
268	64.3	51.1	76.7
264	61.4	49.5	74.3

Manual Integrations
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Sohil
3/30/2018 6:00:40 PM



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.084 ng

RT: 11.53 min Scan# 1605

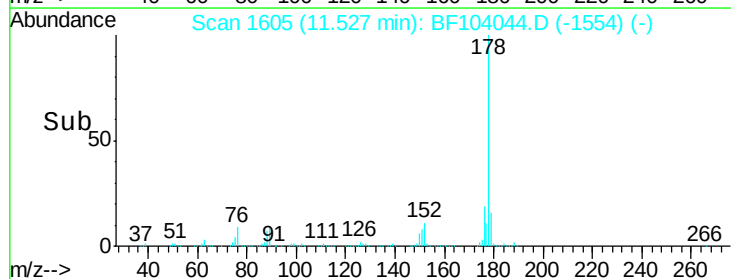
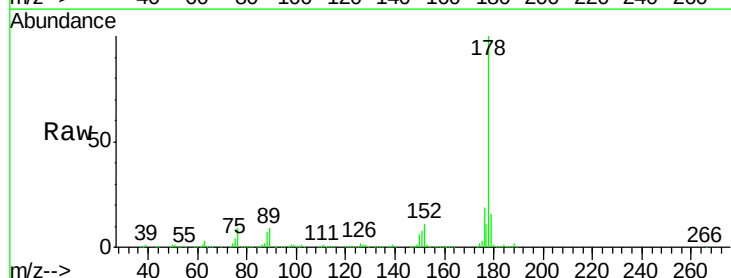
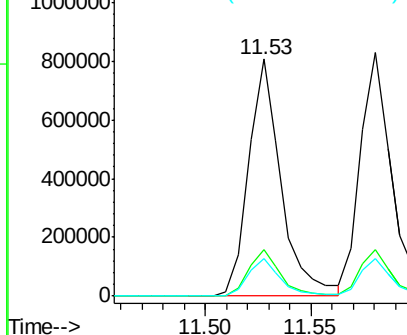
Delta R.T. -0.00 min

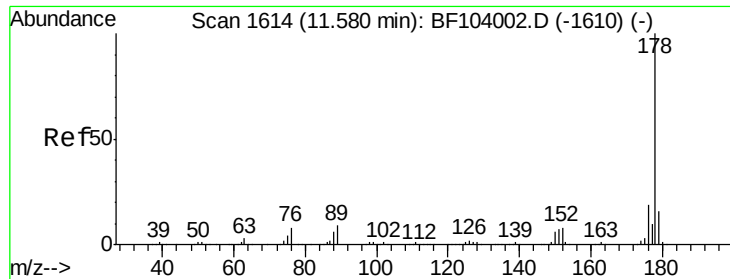
Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Tgt Ion:	178	Resp:	865100
Ion Ratio		Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





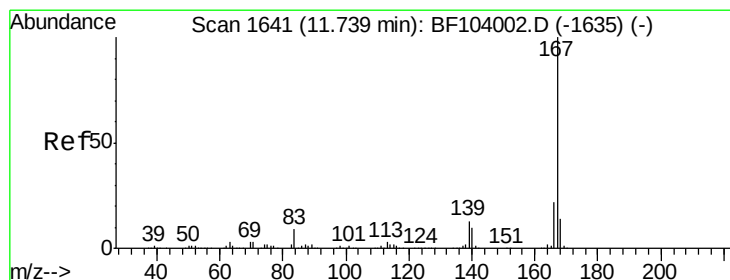
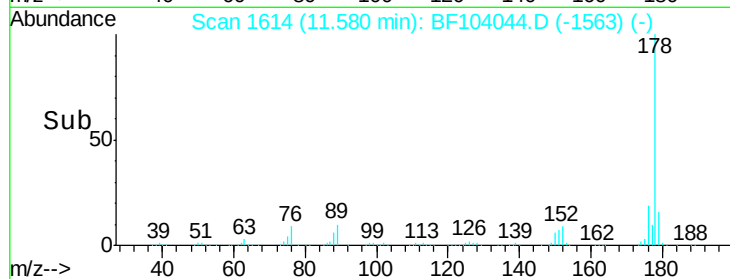
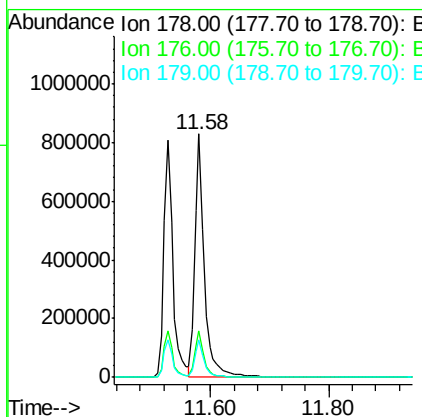
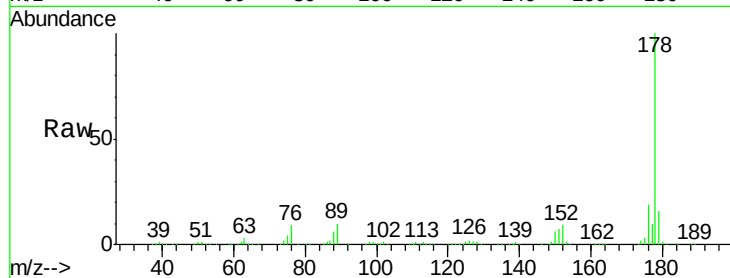
#71
 Anthracene
 Concen: 39.342 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.6	19.0

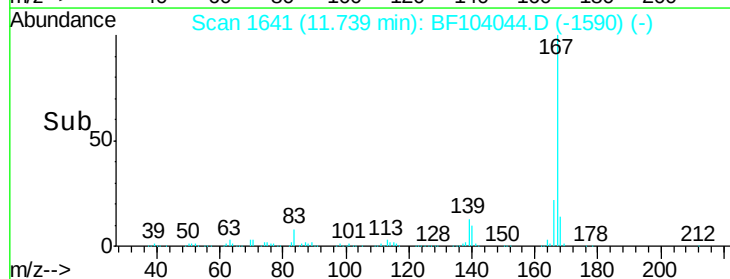
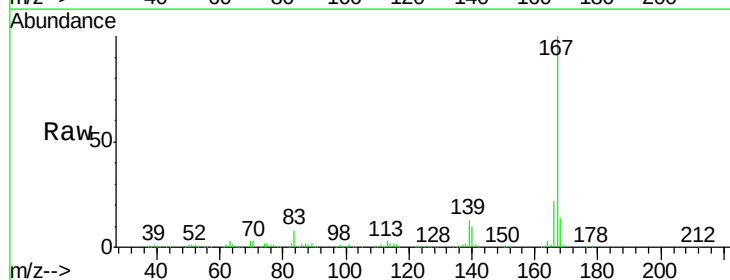
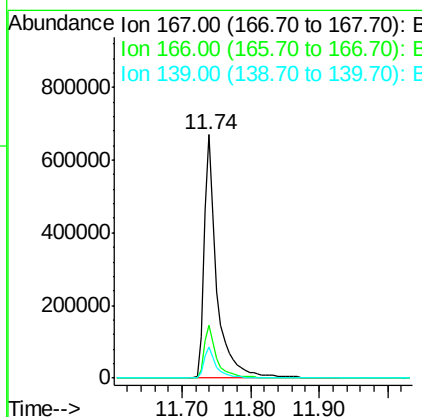
Manual Integrations
 APPROVED

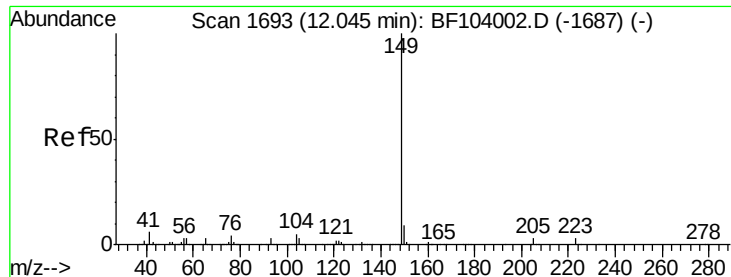
Sohil
 3/30/2018 6:00:40 PM



#72
 Carbazole
 Concen: 39.073 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.793 ng

RT: 12.05 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1046443

Ion Ratio Lower Upper

149 100

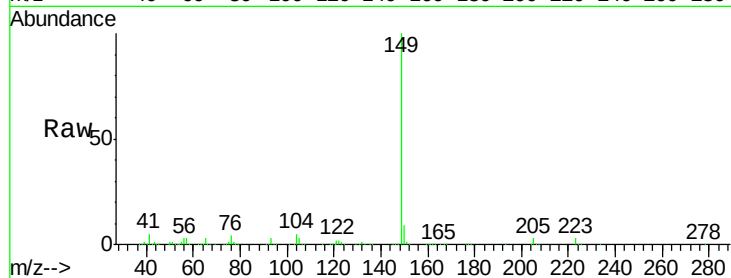
150 9.1 7.8 11.6

104 4.5 3.8 5.8

Manual Integrations
APPROVED

Sohil

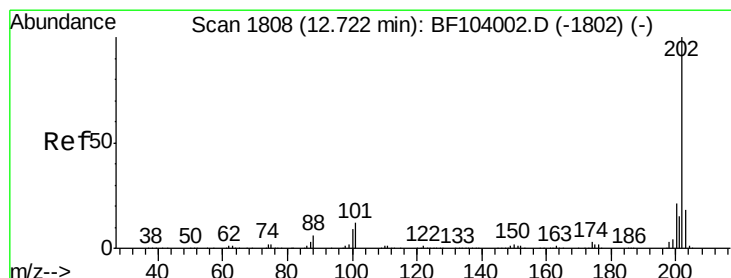
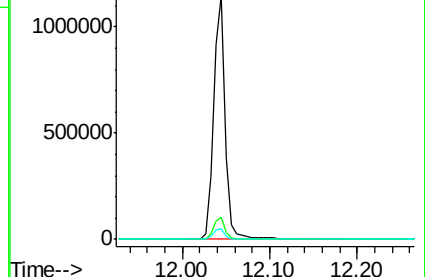
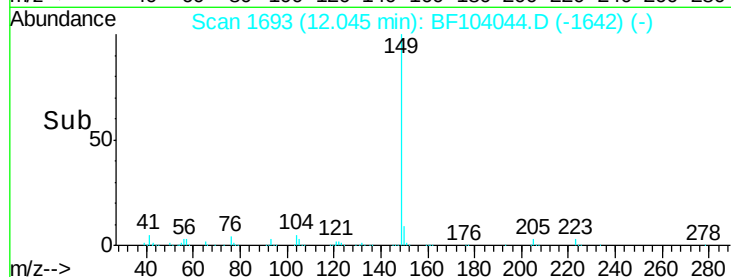
3/30/2018 6:00:40 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.321 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

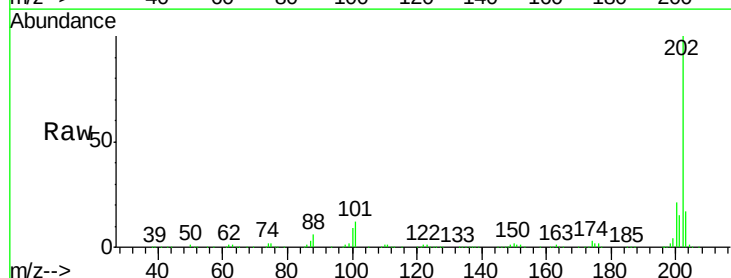
Tgt Ion:202 Resp: 925284

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

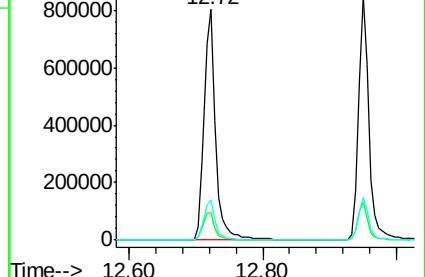
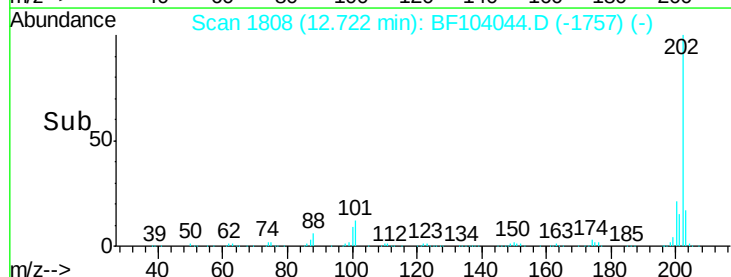
203 17.4 0.0 38.1

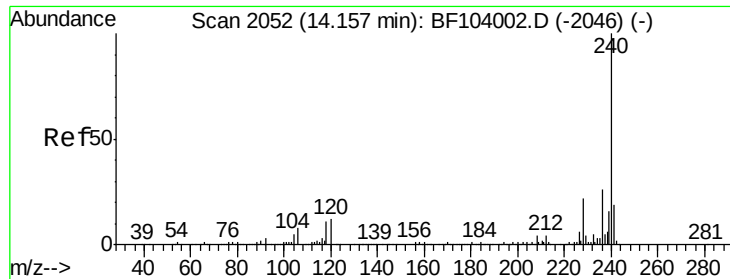


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104044.D

Acq: 29 Mar 2018 12:11

Instrument :

BNA_F

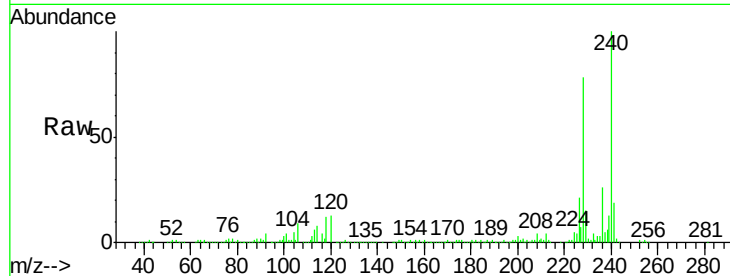
ClientSampleId :

SSTDCCC040

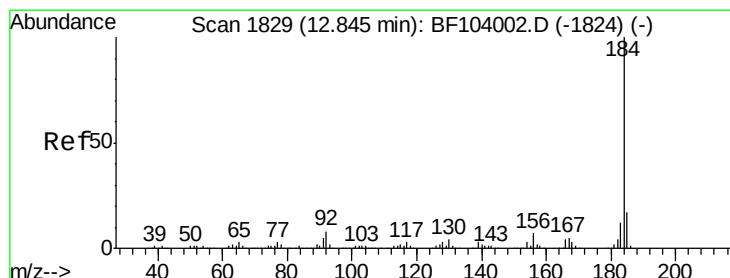
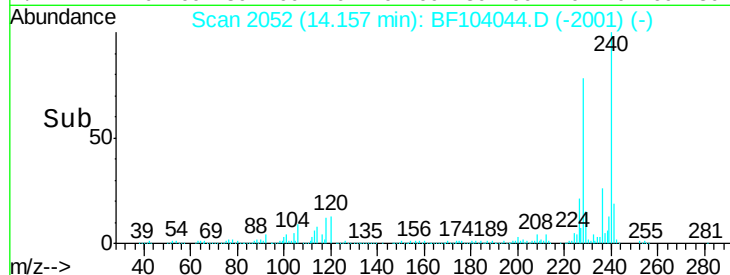
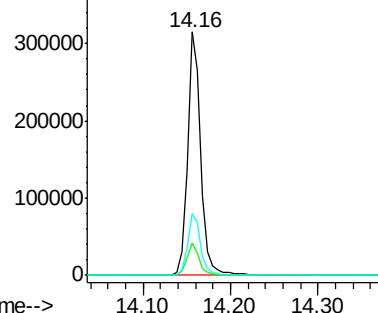
Tot Ion:	240	Resp:	326588
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	25.5	20.7	31.1

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



#76

Benzidine

Concen: 39.793 ng

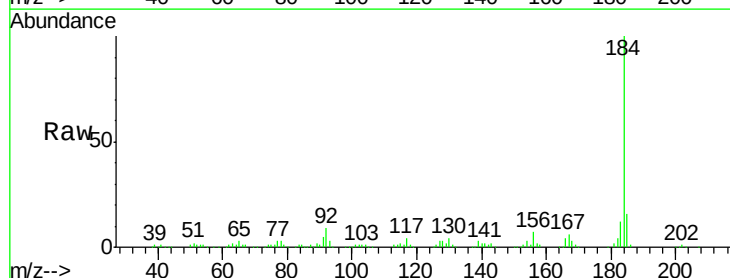
RT: 12.85 min Scan# 1829

Delta R.T. -0.00 min

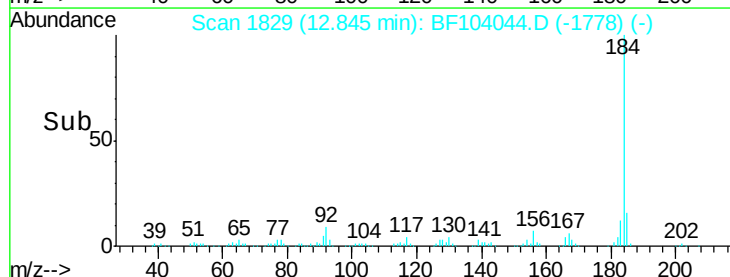
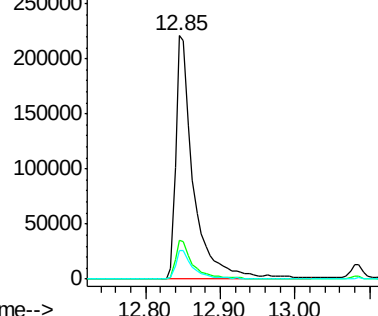
Lab File: BF104044.D

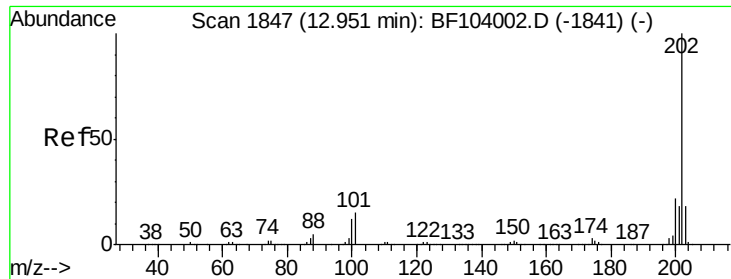
Acq: 29 Mar 2018 12:11

Tgt Ion:	184	Resp:	370355
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.6	18.8
183	11.6	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





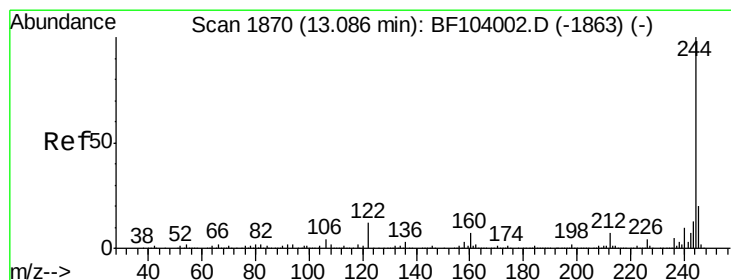
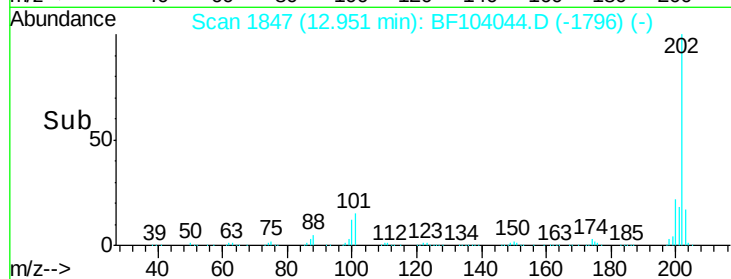
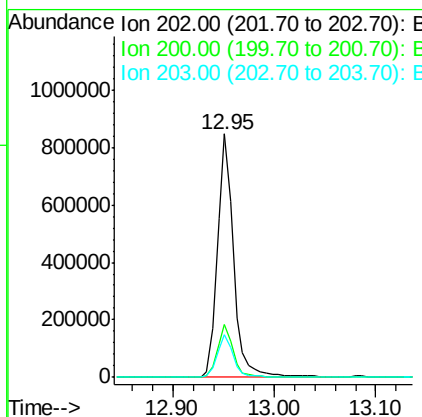
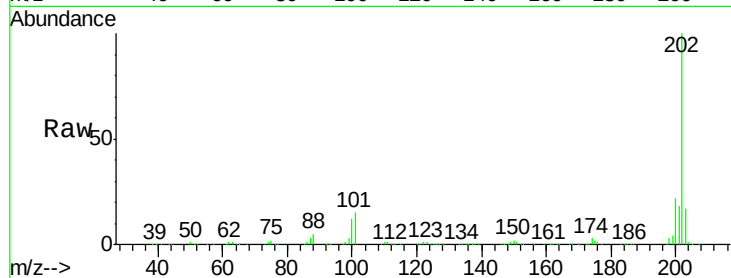
#77
 Pvrene
 Concen: 39.909 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.3	14.3	21.5

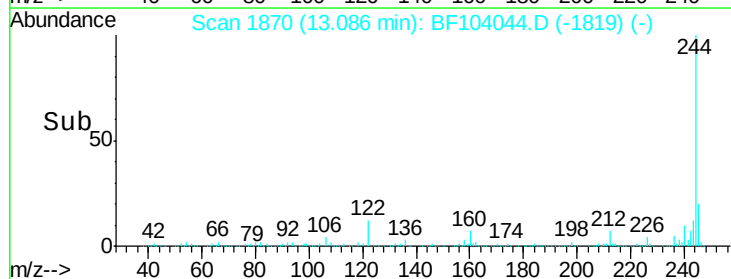
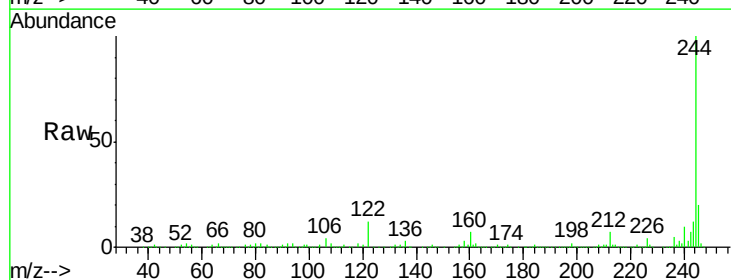
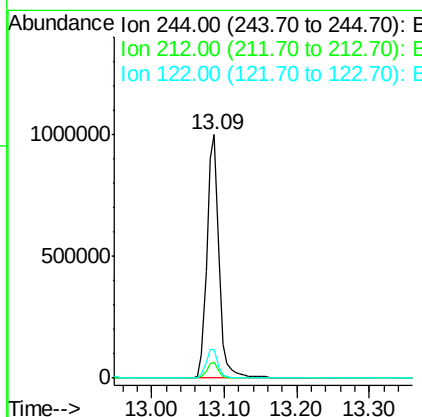
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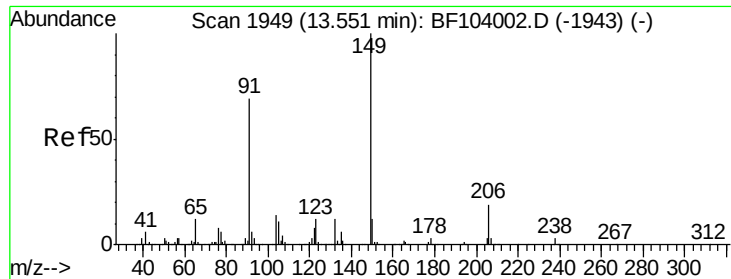
Sohil
 3/30/2018 6:00:40 PM



#78
 Terphenyl-d14
 Concen: 81.494 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.6	11.0	16.4





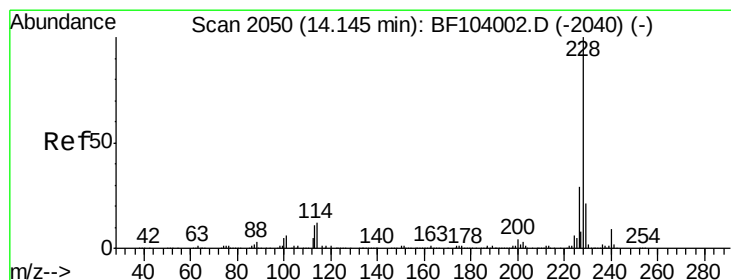
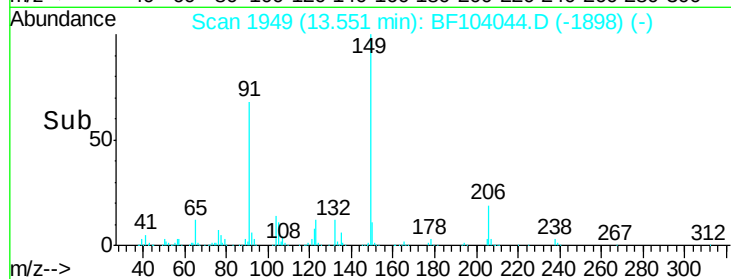
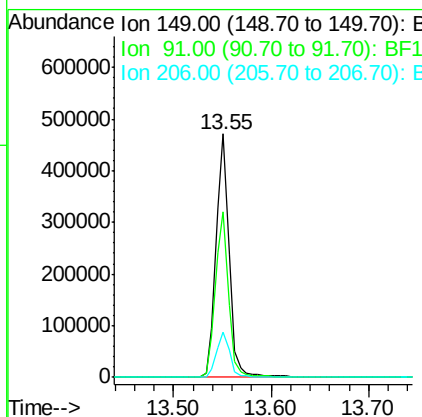
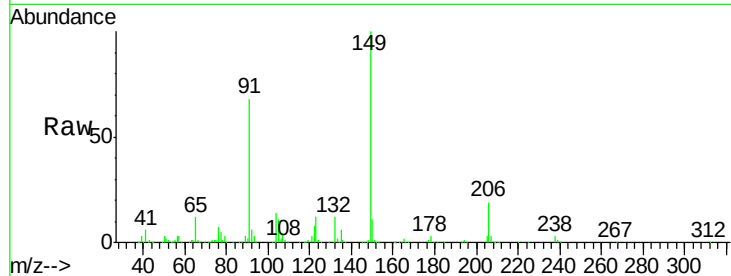
#79
Butylbenzylphthalate
Concen: 39.967 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	56.8	85.2
206	18.8	14.1	21.1

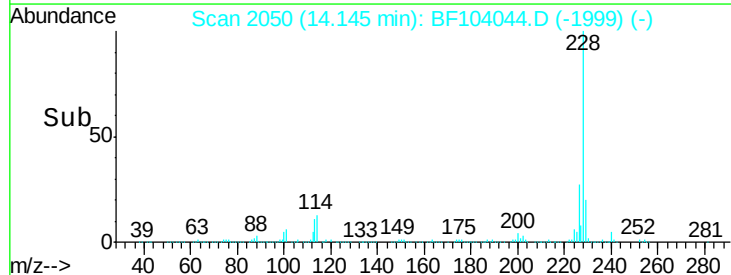
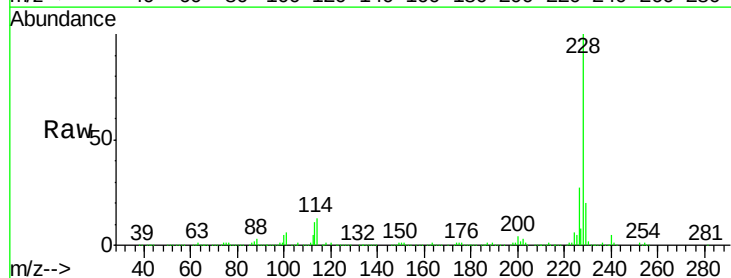
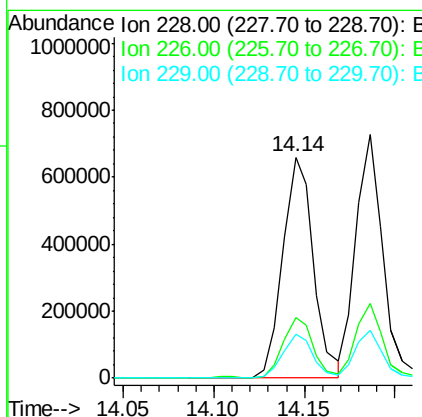
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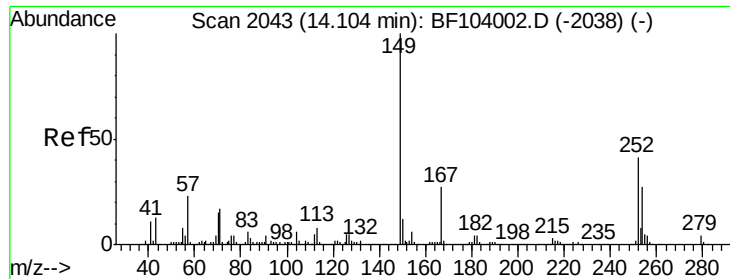
Sohil
3/30/2018 6:00:40 PM



#80
Benzo(a)anthracene
Concen: 38.177 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.9	15.8	23.6





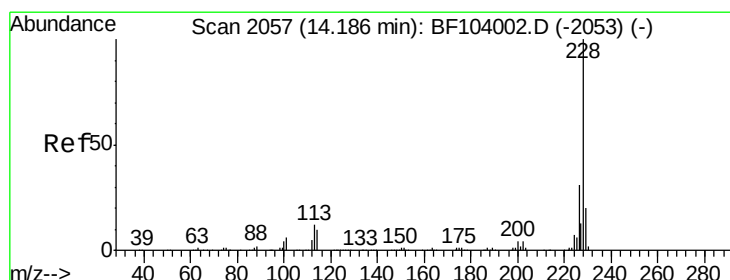
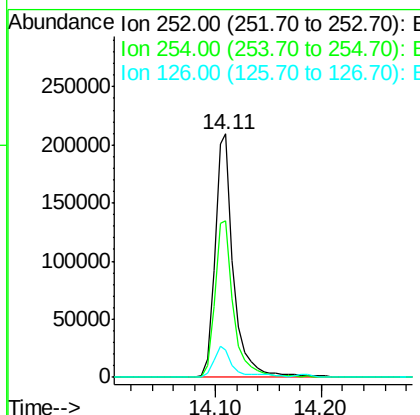
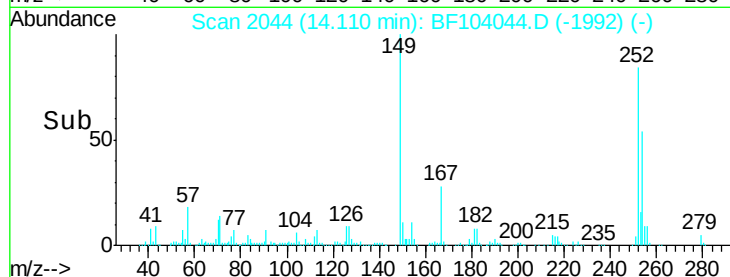
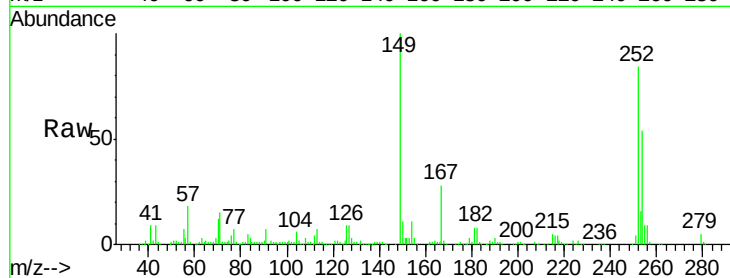
#81
 3,3'-Dichlorobenzidine
 Concen: 38.282 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	258941		
254	64.3	50.4	75.6	
126	11.2	11.3	16.9	

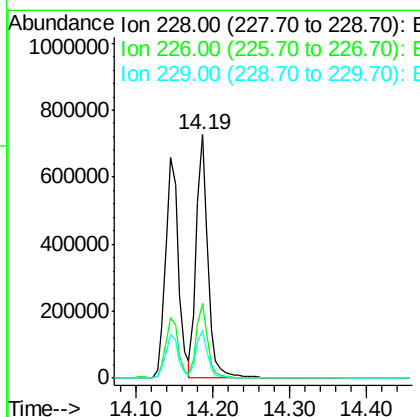
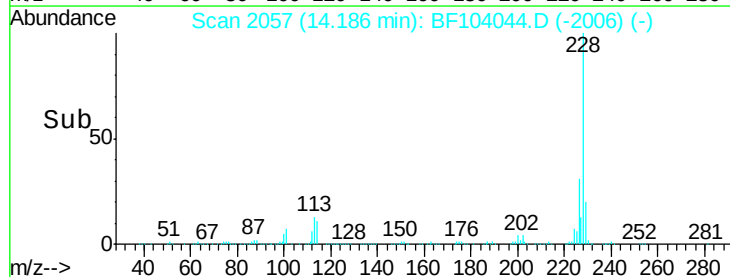
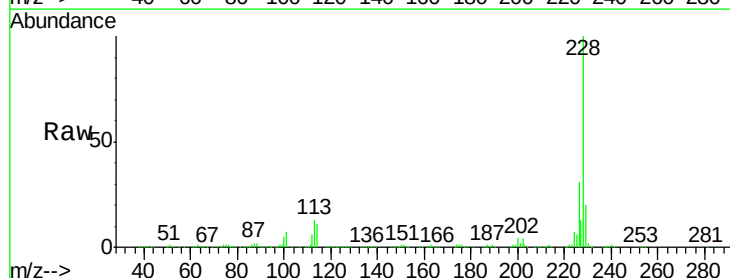
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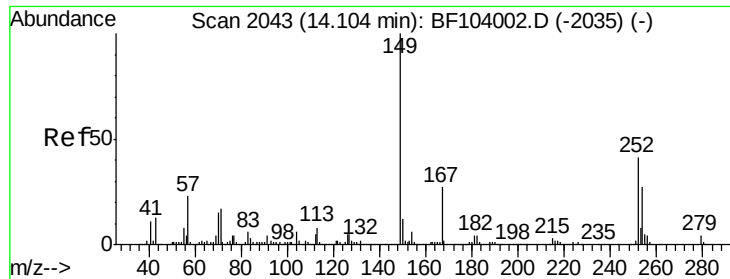
Sohil
 3/30/2018 6:00:40 PM



#82
 Chrysene
 Concen: 38.807 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	776736		
226	30.7	25.0	37.6	
229	19.7	16.2	24.4	





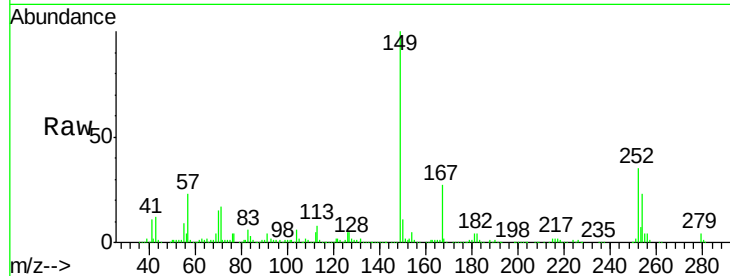
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.047 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

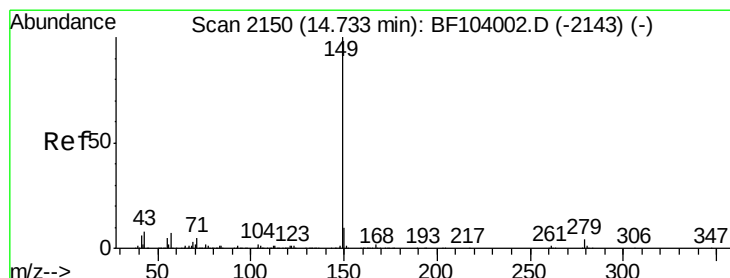
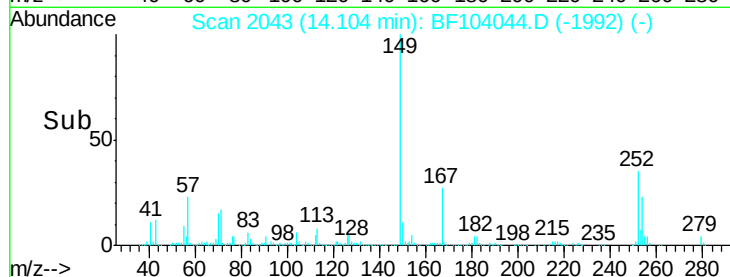
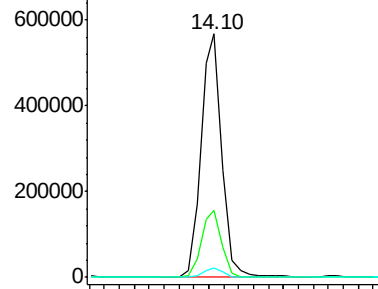
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	4.0	3.0	4.4

Manual Integrations
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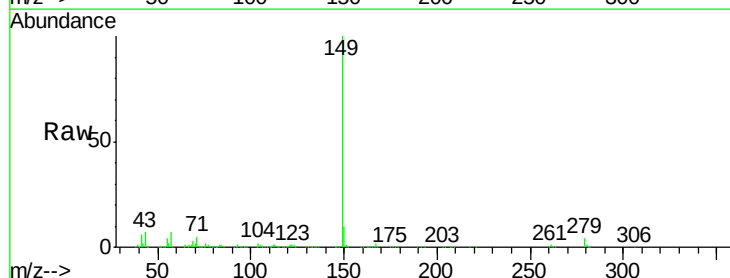


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

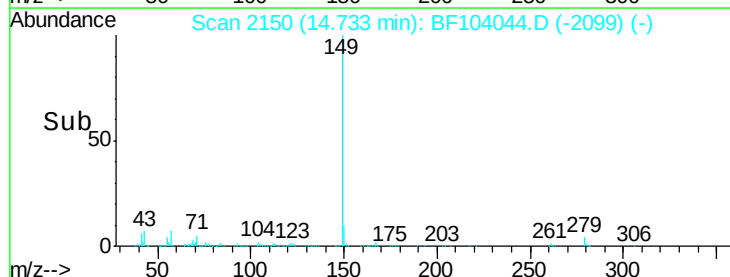
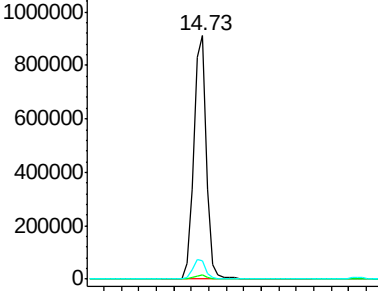


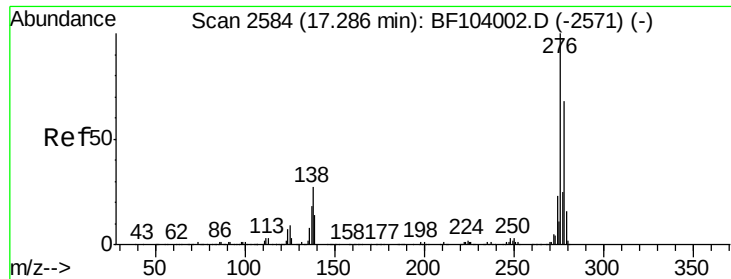
#84
 Di-n-octyl phthalate
 Concen: 37.118 ng
 RT: 14.73 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.1	8.4	12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





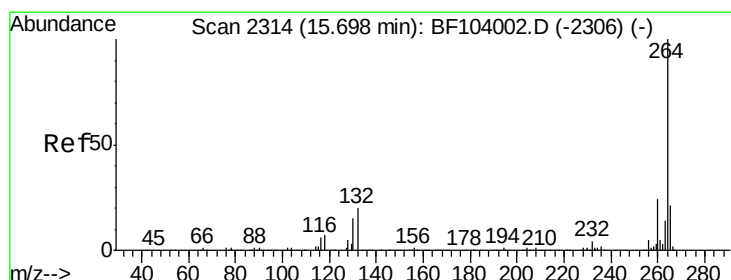
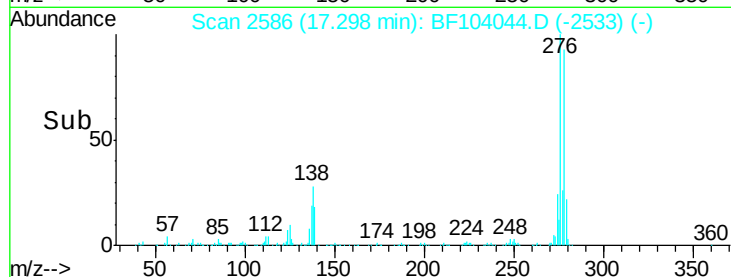
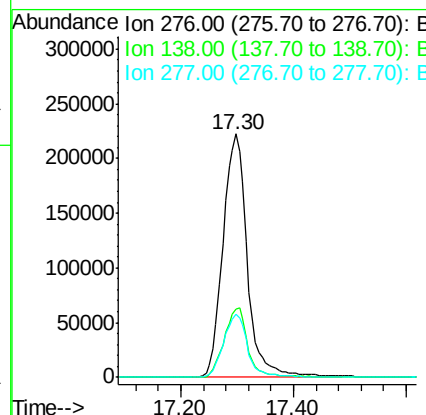
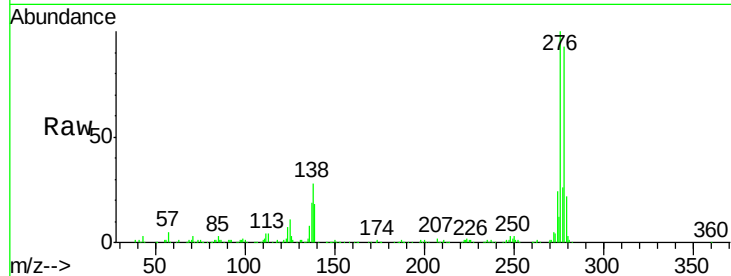
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.198 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. 0.01 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	276	Resp:	667814
Ion Ratio	Lower	Upper	
276	100		
138	27.6	25.0	37.6
277	25.4	20.1	30.1

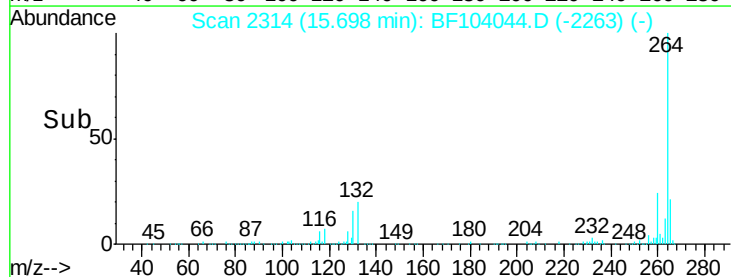
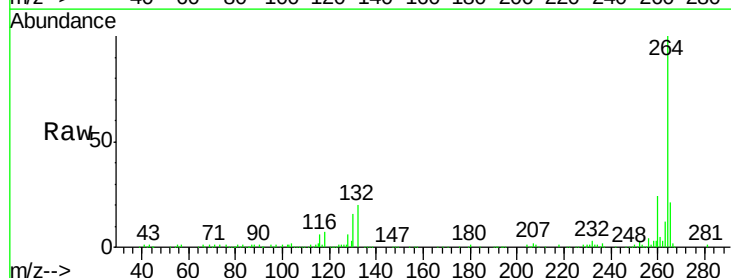
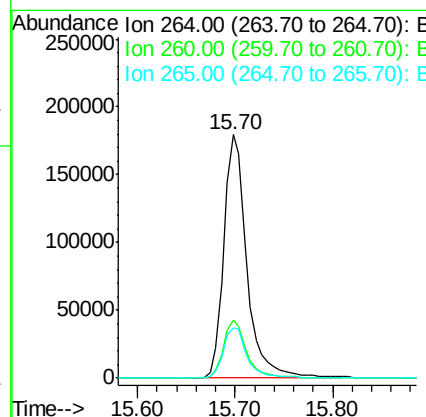
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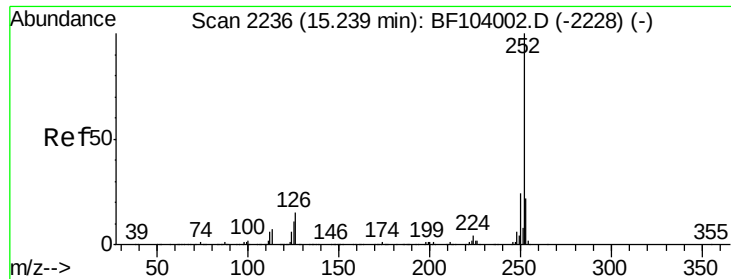
Sohil
 3/30/2018 6:00:40 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Tgt Ion:	264	Resp:	294084
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	20.8	17.5	26.3





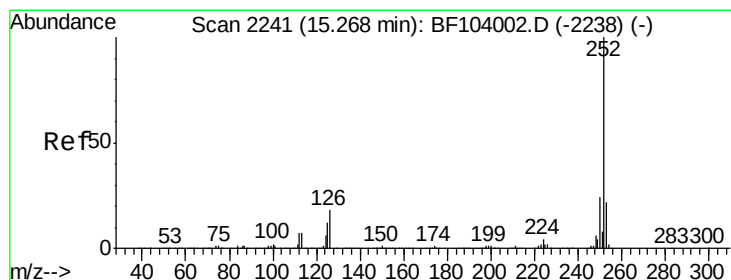
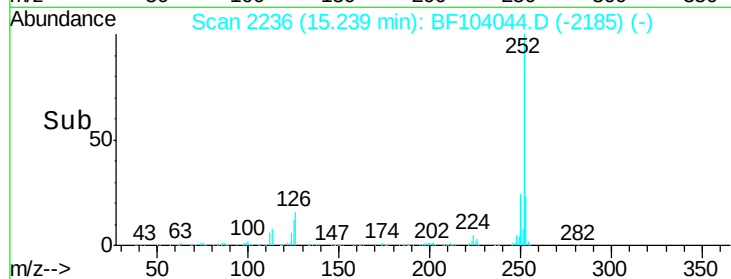
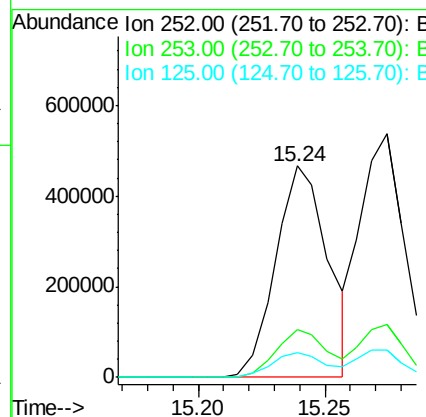
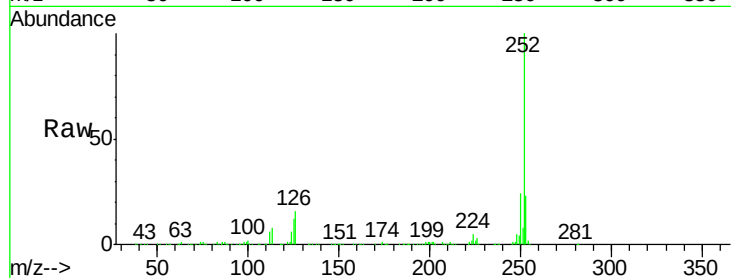
#87
Benzo(b)fluoranthene
Concen: 37.437 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.9	9.0	13.6

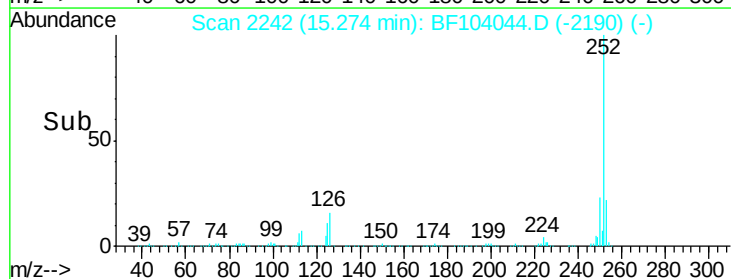
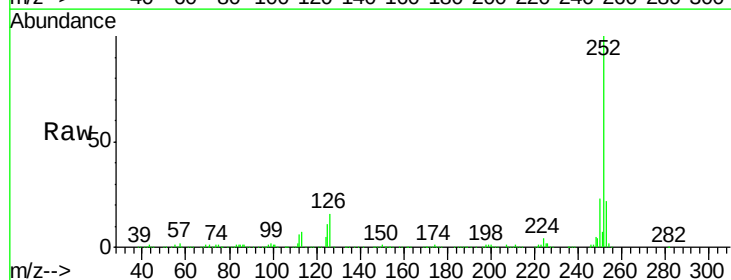
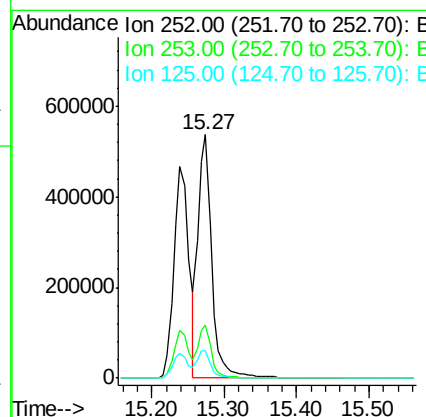
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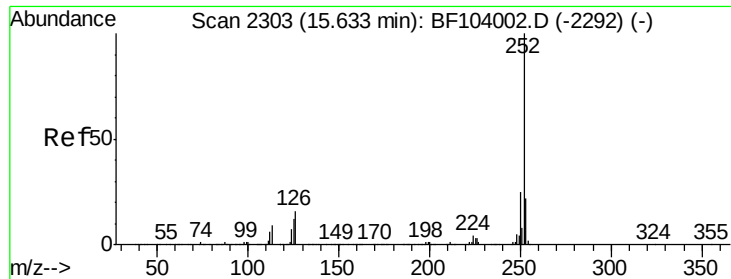
Sohil
3/30/2018 6:00:40 PM



#88
Benzo(k)fluoranthene
Concen: 41.867 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.1	10.2	15.2





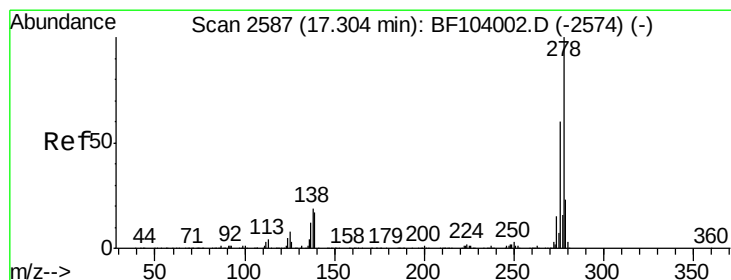
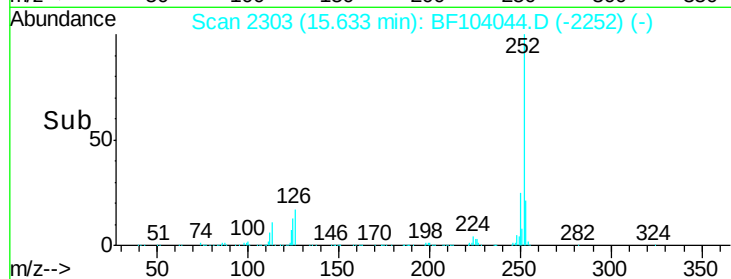
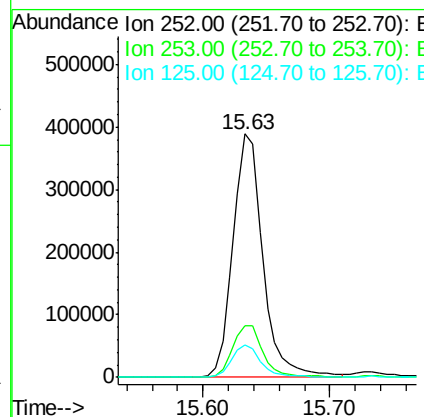
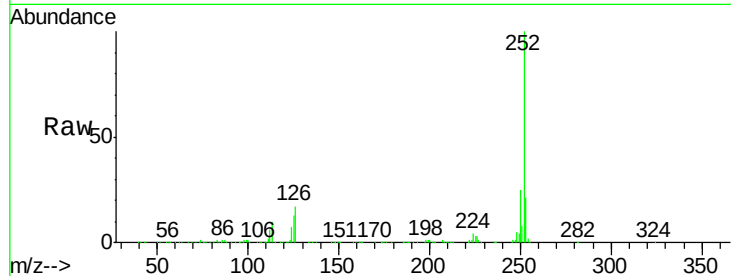
#89
Benzo(a)pyrene
Concen: 38.221 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	13.5	9.8	14.6

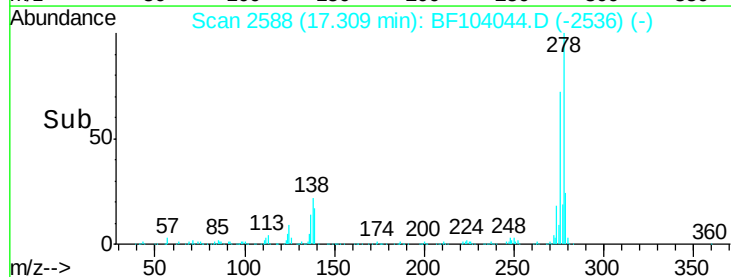
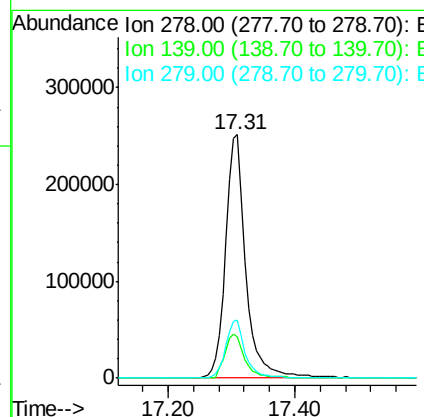
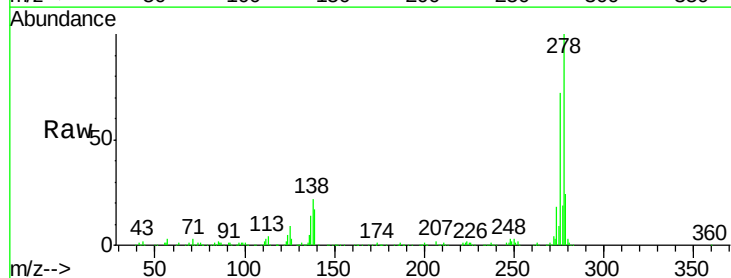
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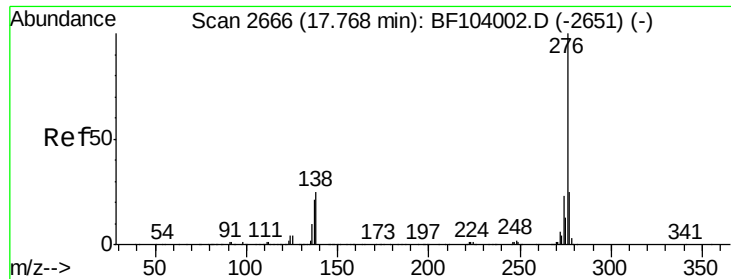
Sohil
3/30/2018 6:00:40 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.348 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BF104044.D
Acq: 29 Mar 2018 12:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.568 ng
 RT: 17.77 min Scan# 2667
 Delta R.T. 0.01 min
 Lab File: BF104044.D
 Acq: 29 Mar 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.4	21.8	32.8

Manual Integrations
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Sohil
 3/30/2018 6:00:40 PM

