

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104333.D
 Acq On : 7 Apr 2018 3:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/9/2018 11:18:50 AM

Quant Time: Apr 07 05:11:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137813	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	551461	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	243069	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	356140	20.00	ng	0.00
75) Chrysene-d12	13.97	240	256176	20.00	ng	0.00
86) Perylene-d12	15.43	264	240110	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	681150	75.57	ng	0.00
7) Phenol-d6	6.43	99	835771	75.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	709586	84.02	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	172209	68.30	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1215515	79.00	ng	0.00
78) Terphenyl-d14	12.92	244	828335	73.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	161394	38.430	ng	89
3) Pyridine	3.25	79	448136	37.953	ng	90
4) n-Nitrosodimethylamine	3.20	42	150258	36.404	ng	# 81
6) Aniline	6.47	93	580914	37.758	ng	98
8) 2-Chlorophenol	6.59	128	363069	38.166	ng	97
9) Benzaldehyde	6.36	77	221922	39.429	ng	96
10) Phenol	6.45	94	433012m	36.852	ng	
11) bis(2-Chloroethyl)ether	6.55	93	353884	37.742	ng	96
12) 1,3-Dichlorobenzene	6.75	146	412585	38.284	ng	98
13) 1,4-Dichlorobenzene	6.82	146	413044	38.448	ng	99
14) 1,2-Dichlorobenzene	6.97	146	384674	38.640	ng	99
15) Benzyl Alcohol	6.95	79	314133	37.348	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	464471	36.886	ng	93
17) 2-Methylphenol	7.06	107	315381	38.140	ng	97
18) Hexachloroethane	7.32	117	132677	34.639	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	257304	35.557	ng	96
20) 3+4-Methylphenols	7.21	107	382762	37.322	ng	# 87
22) Acetophenone	7.22	105	505915	37.264	ng	# 93
24) Nitrobenzene	7.39	77	375526	40.275	ng	97
25) Isophorone	7.63	82	665571	37.269	ng	98
26) 2-Nitrophenol	7.70	139	174335	45.927	ng	99
27) 2,4-Dimethylphenol	7.74	122	295345	37.472	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	414686	37.978	ng	99
29) 2,4-Dichlorophenol	7.95	162	285847	38.010	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	317452	38.464	ng	98
31) Naphthalene	8.12	128	1046622	38.115	ng	100
32) Benzoic acid	7.86	122	254806	40.518	ng	99
33) 4-Chloroaniline	8.16	127	442564	37.619	ng	97
34) Hexachlorobutadiene	8.23	225	174632	38.630	ng	99
35) Caprolactam	8.54	113	98045	37.373	ng	# 83
36) 4-Chloro-3-methylphenol	8.64	107	301573	37.399	ng	96
37) 2-Methylnaphthalene	8.80	142	661951	37.267	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	287756	41.356	ng	99
40) Hexachlorocyclopentadiene	8.95	237	33216	8.527	ng	98

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 BNA_F
 ClientSampleId :
 SSTDC040

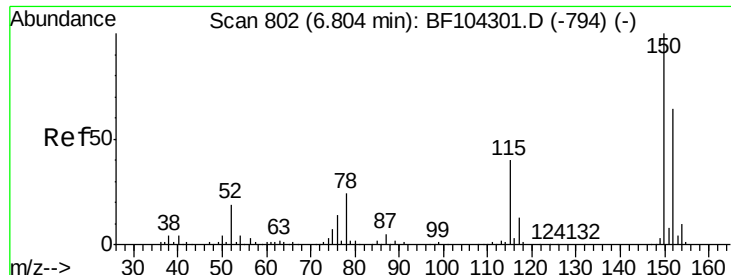
Manual Integrations
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 4/9/2018 11:18:50 AM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	192839	39.924	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	212818	39.373	nq	96
45) 1,1'-Biphenyl	9.27	154	798819	39.120	nq	99
46) 2-Chloronaphthalene	9.29	162	628465	38.965	nq	99
47) 2-Nitroaniline	9.39	65	185974	46.626	nq	98
48) Acenaphthylene	9.71	152	954313	37.712	nq	100
49) Dimethylphthalate	9.57	163	762932	39.803	nq	100
50) 2,6-Dinitrotoluene	9.63	165	157354	44.365	nq	92
51) Acenaphthene	9.88	154	561024	36.336	nq	99
52) 3-Nitroaniline	9.80	138	184361	44.400	nq	96
53) 2,4-Dinitrophenol	9.90	184	7747	12.709	nq	# 22
54) Dibenzofuran	10.05	168	806801	37.496	nq	98
55) 4-Nitrophenol	9.95	139	117199	35.932	nq	98
56) 2,4-Dinitrotoluene	10.03	165	190821	41.016	nq	91
57) Fluorene	10.39	166	585915	37.411	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	142621	35.368	nq	96
59) Diethylphthalate	10.27	149	735192	38.512	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	275555	39.507	nq	99
61) 4-Nitroaniline	10.41	138	165117	40.670	nq	99
62) Azobenzene	10.55	77	655172	35.923	nq	97
64) 4,6-Dinitro-2-methylphenol	10.43	198	19187	16.716	nq	96
65) n-Nitrosodiphenylamine	10.50	169	557335	45.135	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	170256	44.944	nq	# 87
67) Hexachlorobenzene	10.94	284	177076	41.543	nq	92
68) Atrazine	11.03	200	157772	42.329	nq	99
69) Pentachlorophenol	11.13	266	95747	36.309	nq	99
70) Phenanthrene	11.36	178	765723	38.608	nq	99
71) Anthracene	11.41	178	761054	37.749	nq	99
72) Carbazole	11.56	167	706291	35.851	nq	100
73) Di-n-butylphthalate	11.90	149	1003827	41.713	nq	100
74) Fluoranthene	12.55	202	665775	32.129	nq	98
76) Benzidine	12.67	184	334439	37.955	nq	100
77) Pyrene	12.77	202	678677	35.741	nq	99
79) Butylbenzylphthalate	13.40	149	330909	36.990	nq	98
80) Benzo(a)anthracene	13.96	228	590103	38.558	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	234274	41.056	nq	99
82) Chrysene	14.00	228	608612	38.716	nq	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	439284	38.177	nq	98
84) Di-n-octyl phthalate	14.58	149	763054	39.688	nq	96
85) Indeno(1,2,3-cd)pyrene	16.87	276	465083	34.828	nq	98
87) Benzo(b)fluoranthene	15.01	252	591646	39.014	nq	97
88) Benzo(k)fluoranthene	15.04	252	602509	42.083	nq	100
89) Benzo(a)pyrene	15.37	252	532043	39.211	nq	98
90) Dibenzo(a,h)anthracene	16.89	278	393024	35.267	nq	97
91) Benzo(g,h,i)perylene	17.30	276	361474	33.480	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 137813

Ion Ratio Lower Upper

152 100

150 156.7 124.6 186.8

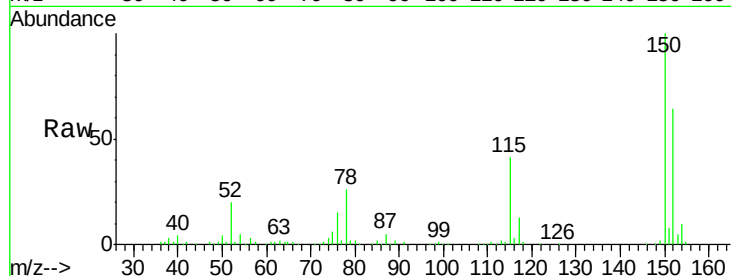
115 63.7 50.1 75.1

Manual Integrations

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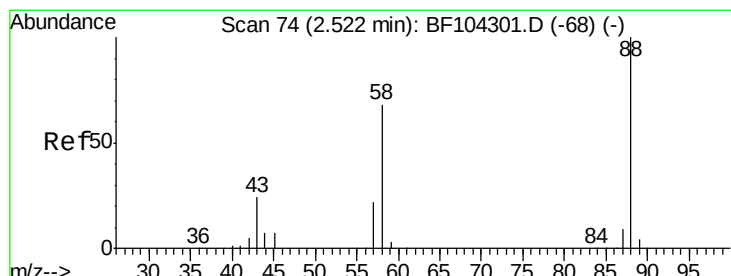
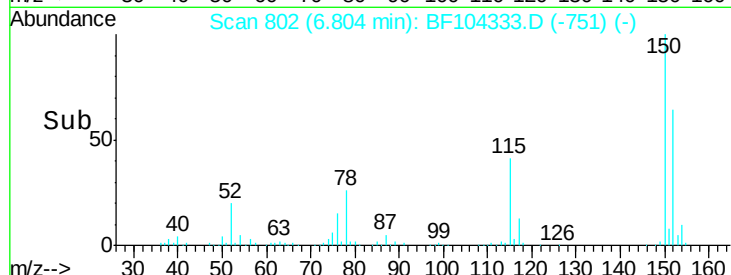
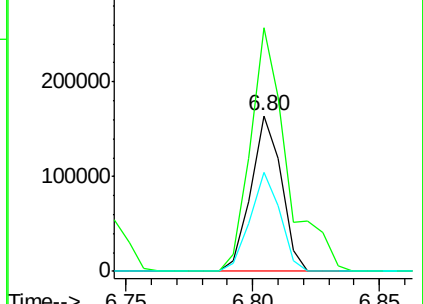
4/9/2018 11:18:50 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.430 ng

RT: 2.51 min Scan# 72

Delta R.T. -0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

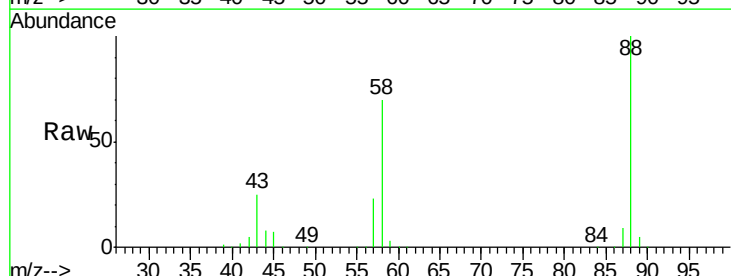
Tgt Ion: 88 Resp: 161394

Ion Ratio Lower Upper

88 100

58 68.3 62.6 93.8

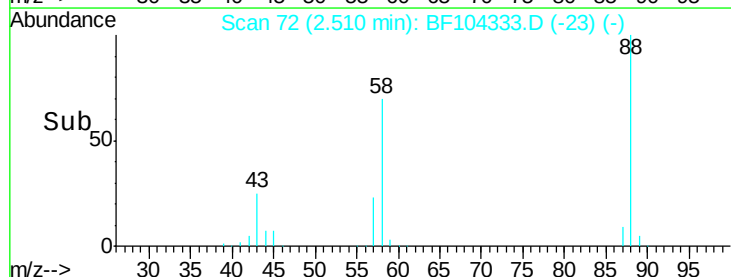
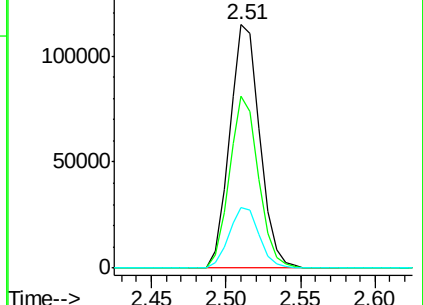
43 25.1 24.6 37.0

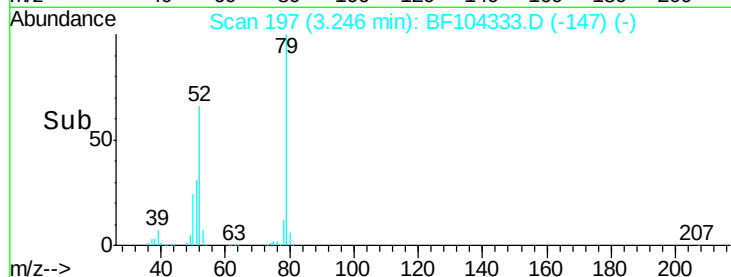
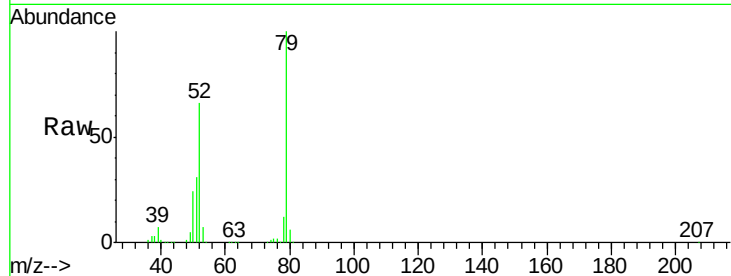
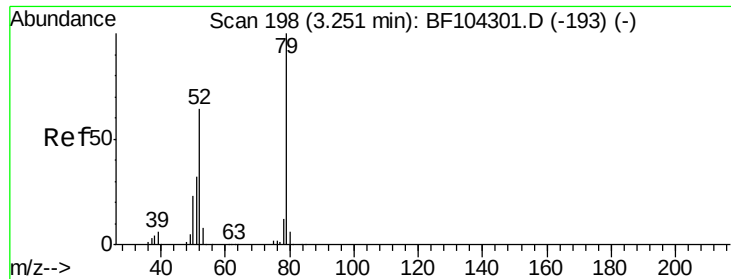


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





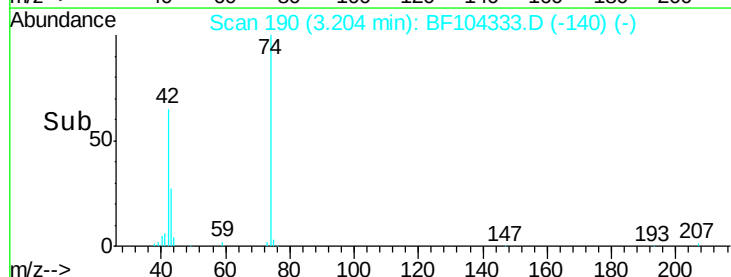
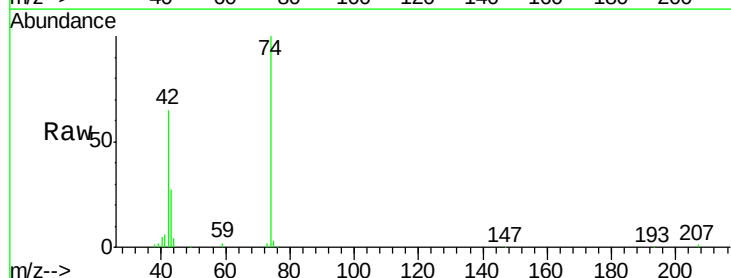
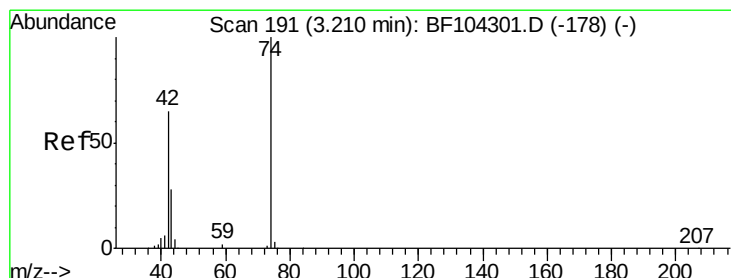
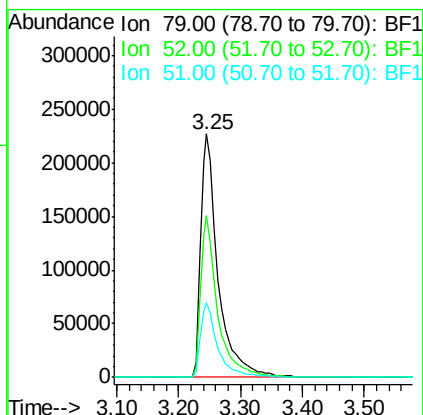
#3
 Pvridine
 Concen: 37.953 ng
 RT: 3.25 min Scan# 197
 Delta R.T. -0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.3	59.8	89.6
51	30.9	29.8	44.8

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 BNA_F
 ClientSampleId :
 SSTDCCC040

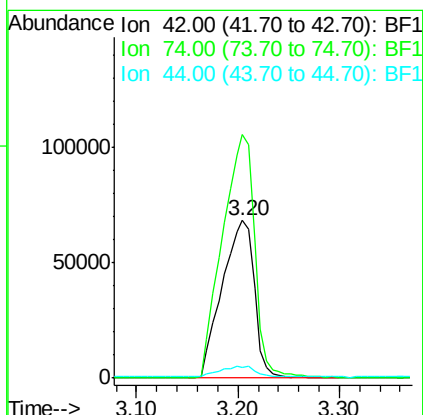
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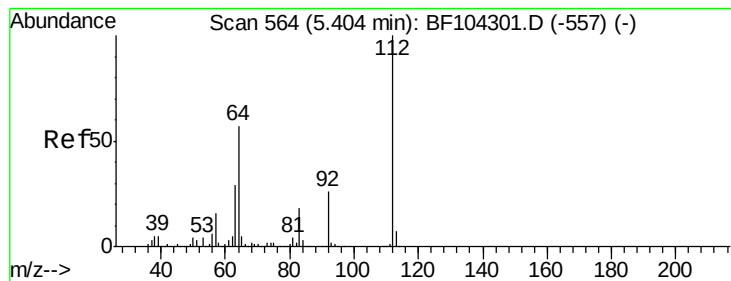
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 36.404 ng
 RT: 3.20 min Scan# 190
 Delta R.T. -0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.5	104.9	157.3
44	6.7	6.9	10.3





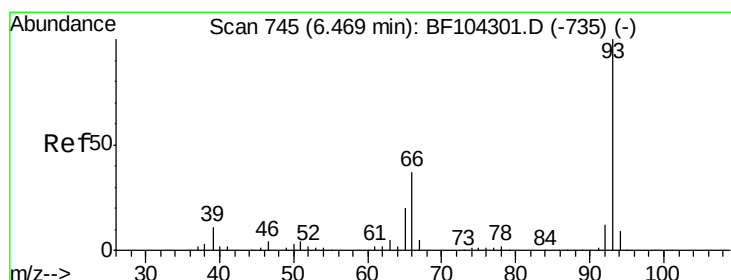
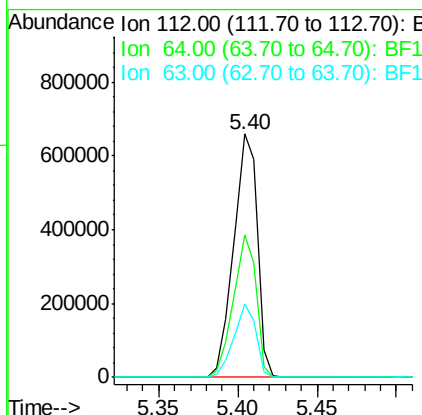
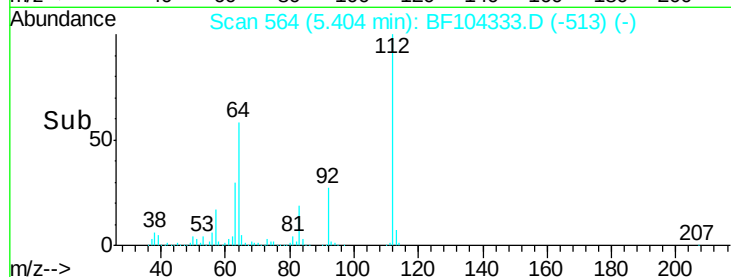
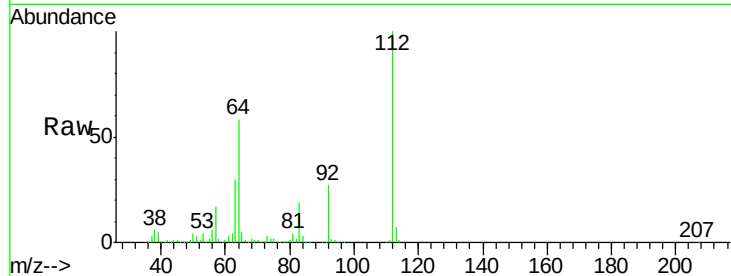
#5
2-Fluorophenol
Concen: 75.575 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	681150		
64	58.3		47.9	71.9
63	30.1		23.7	35.5

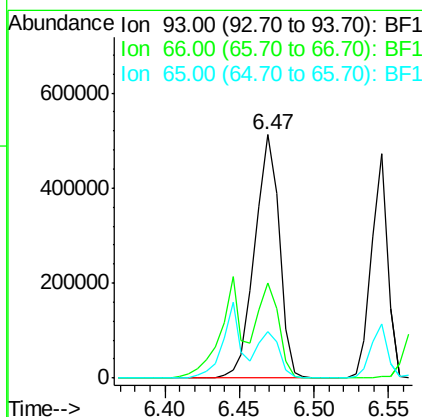
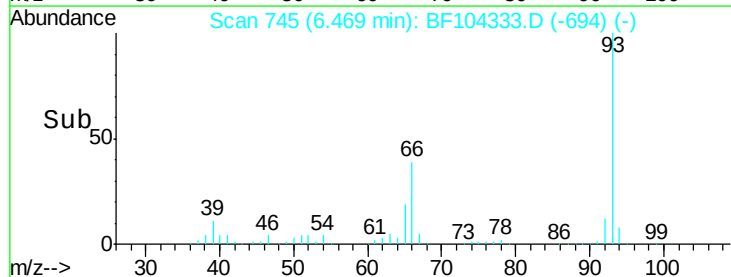
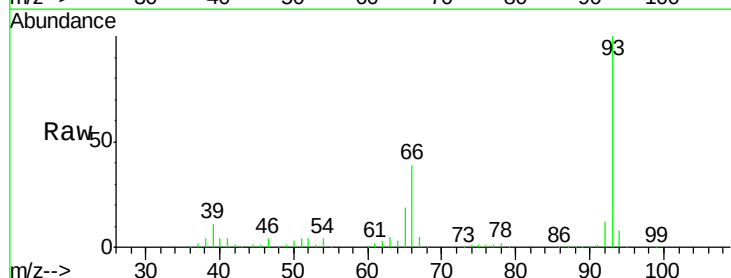
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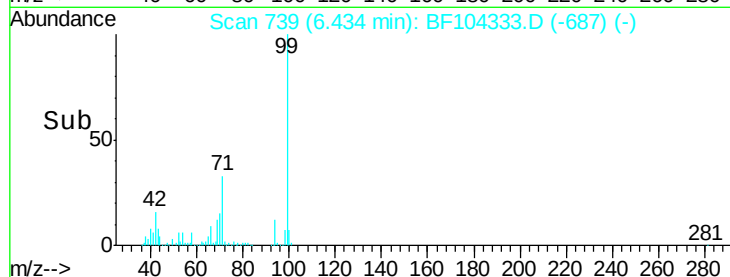
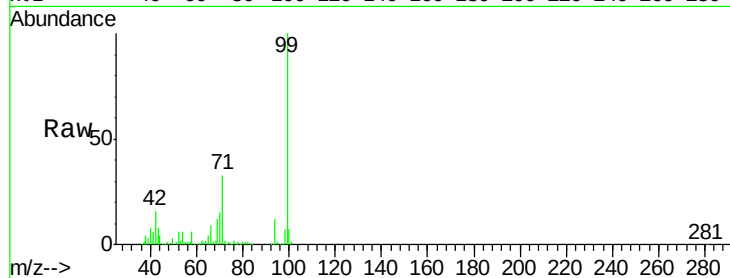
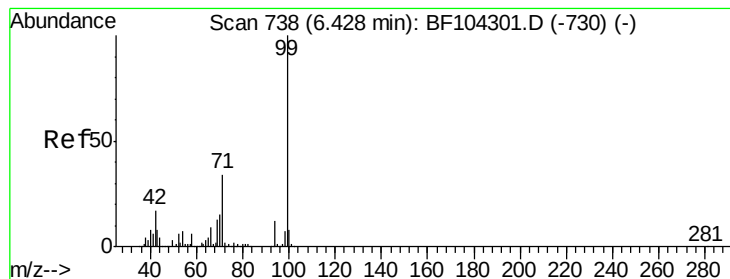
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#6
Aniline
Concen: 37.758 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	580914		
66	39.2		32.2	48.2
65	19.2		16.4	24.6





#7

Phenol-d6

Concen: 75.472 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tot Ion:	99	Resp:	835771
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	33.0	25.4	38.0

Instrument :

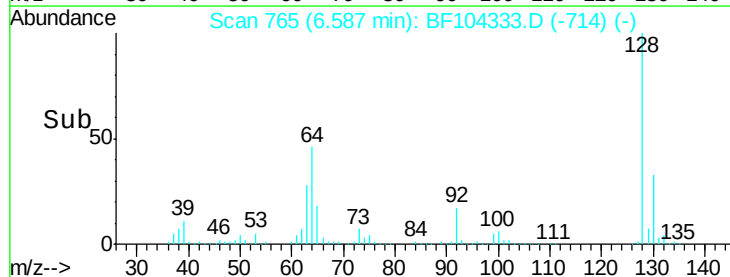
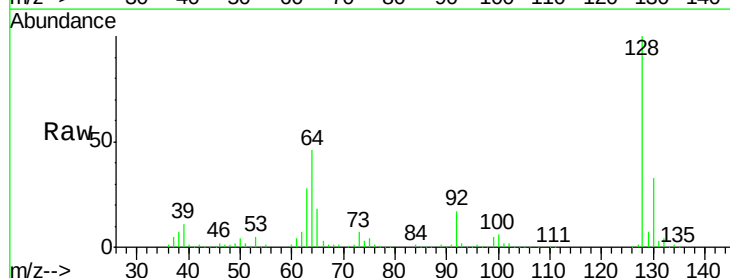
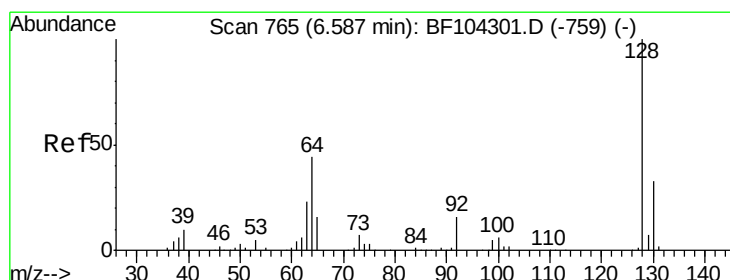
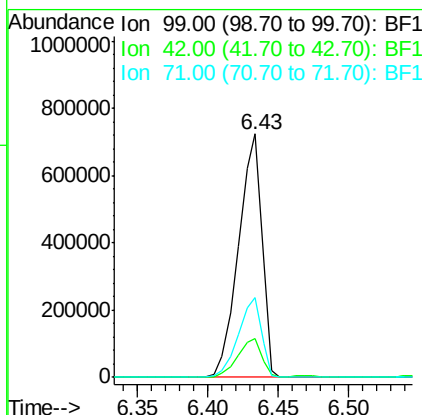
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.166 ng

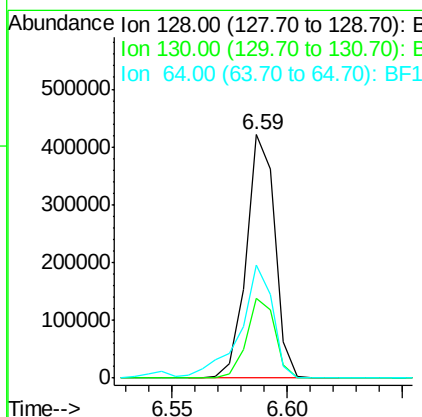
RT: 6.59 min Scan# 765

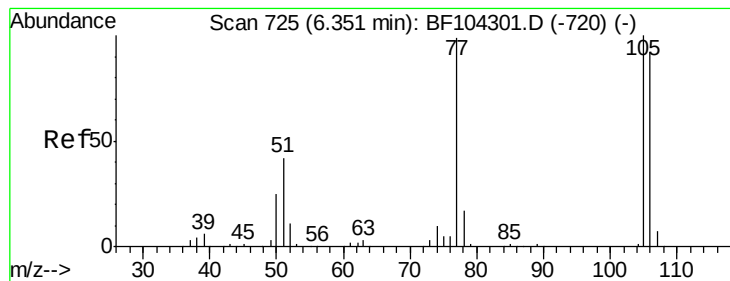
Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tgt Ion:	128	Resp:	363069
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.0	53.0
64	46.2	29.4	69.4





#9

Benzaldehyde

Concen: 39.429 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 221922

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

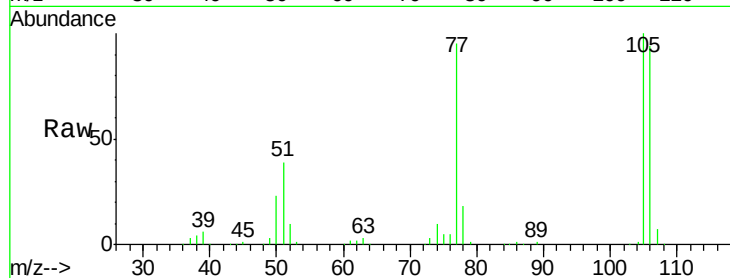
106 98.9 74.5 114.5

Manual Integrations

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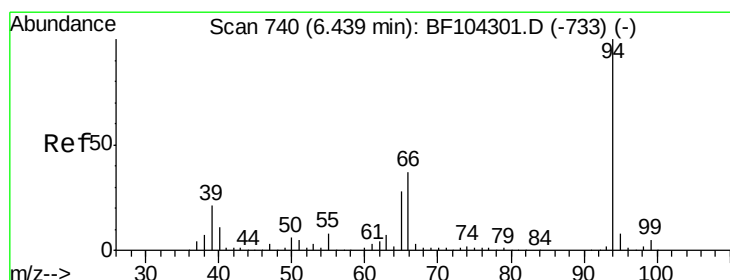
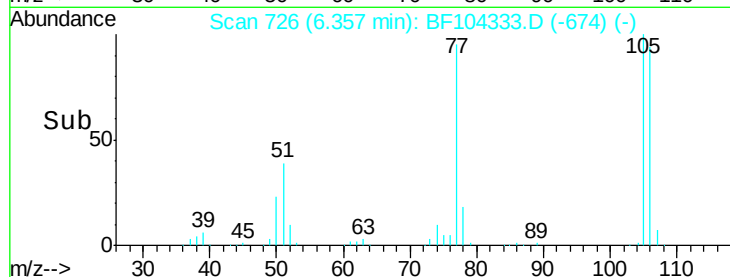
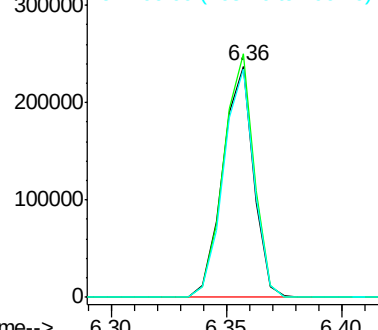
4/9/2018 11:18:50 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.852 ng m

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

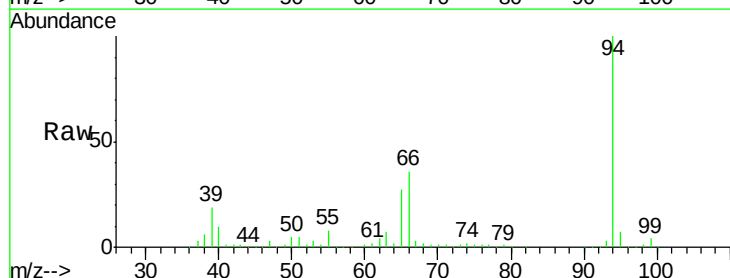
Tgt Ion: 94 Resp: 433012

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

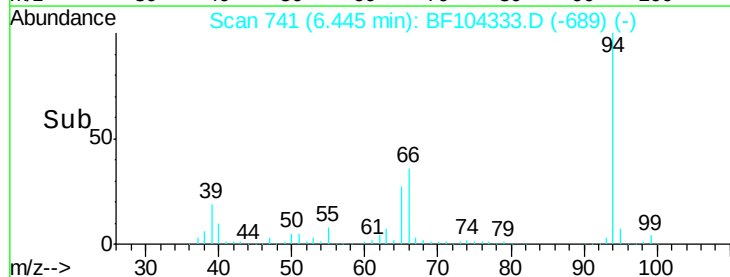
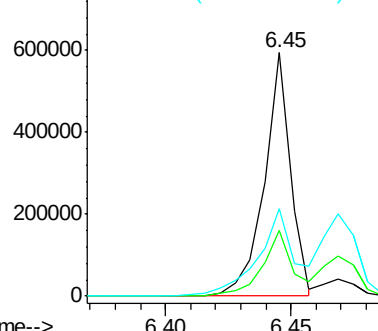
66 36.0 16.2 56.2

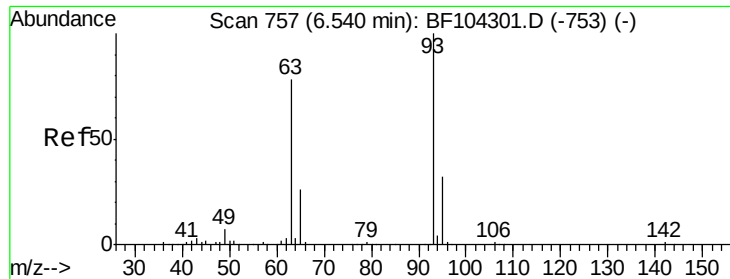


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





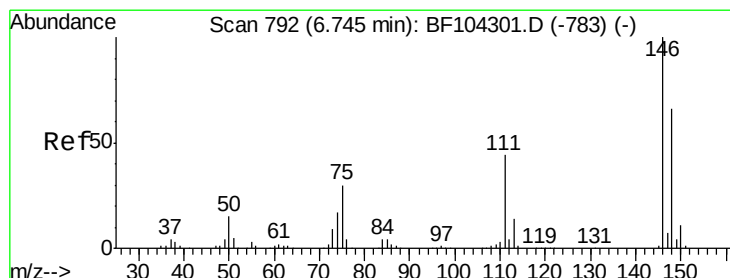
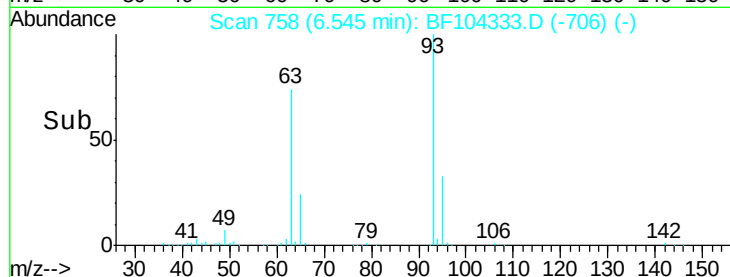
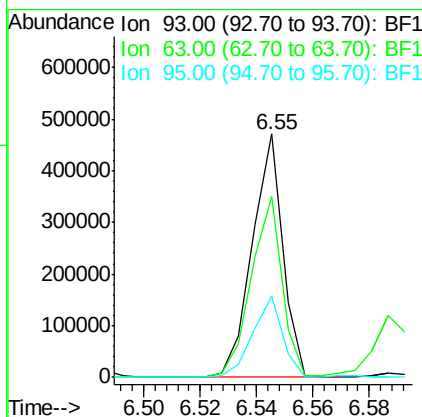
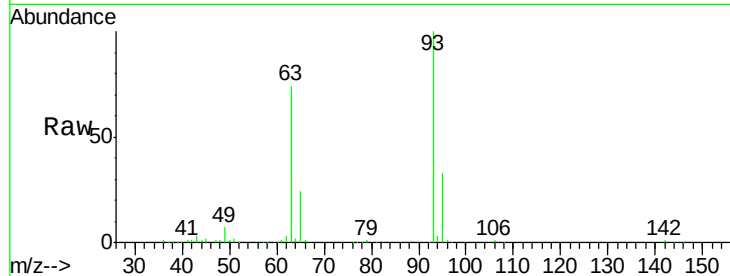
#11
bis(2-Chloroethyl)ether
Concen: 37.742 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	353884
Ion	Ratio	Lower	Upper
93	100		
63	74.5	58.6	98.6
95	33.1	11.8	51.8

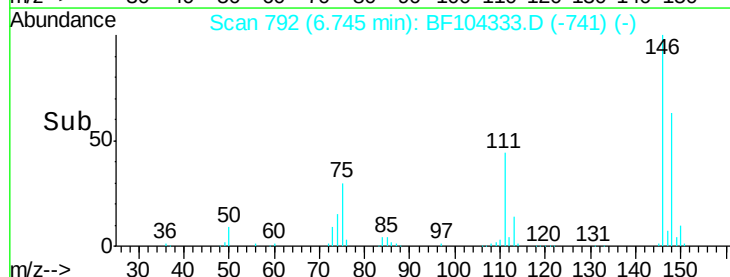
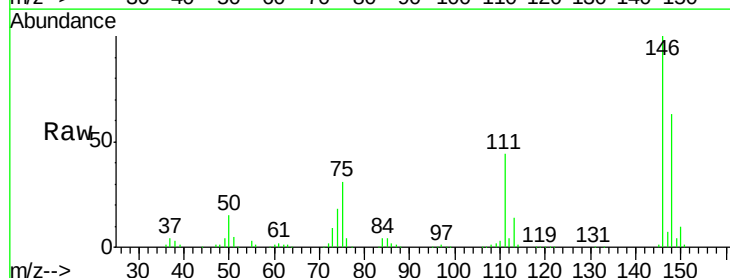
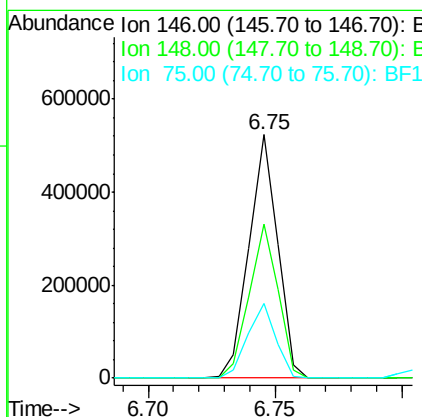
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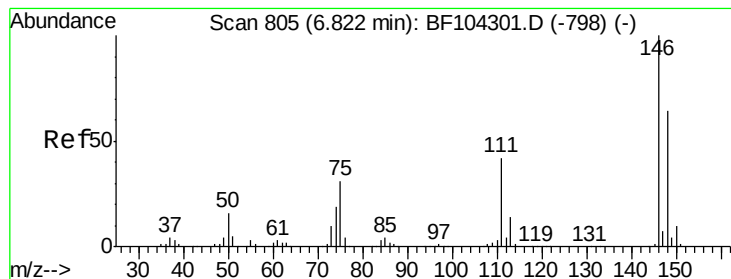
Sohil
4/9/2018 11:18:50 AM



#12
1,3-Dichlorobenzene
Concen: 38.284 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:	146	Resp:	412585
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	30.8	24.2	36.4





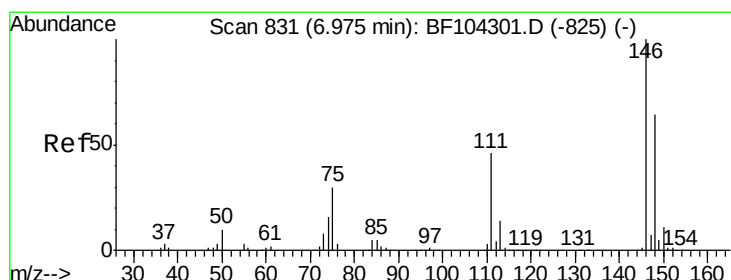
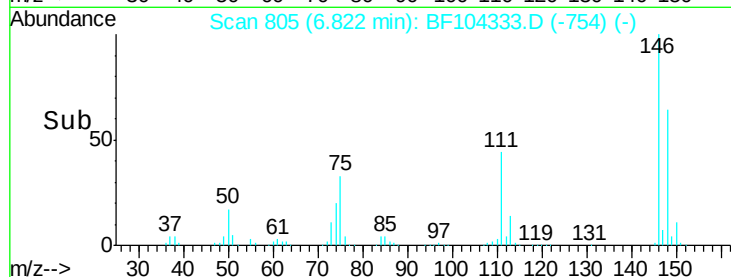
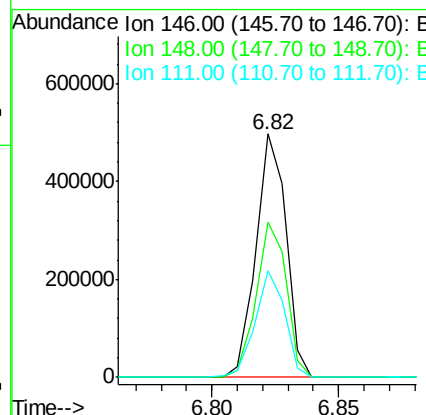
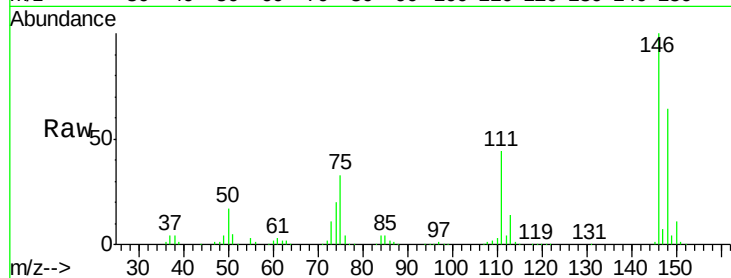
#13
 1,4-Dichlorobenzene
 Concen: 38.448 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
413044	146	100		
	148	64.0	50.8	76.2
	111	44.0	34.2	51.2

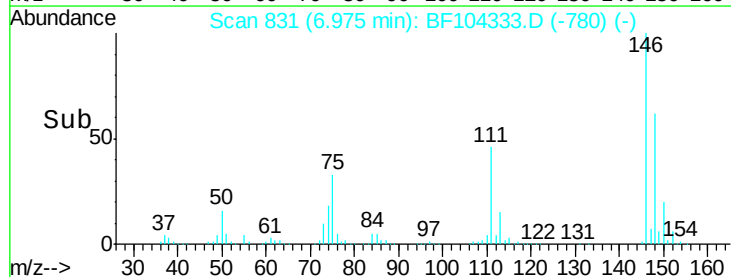
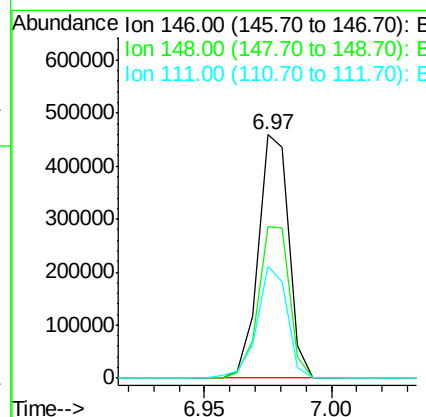
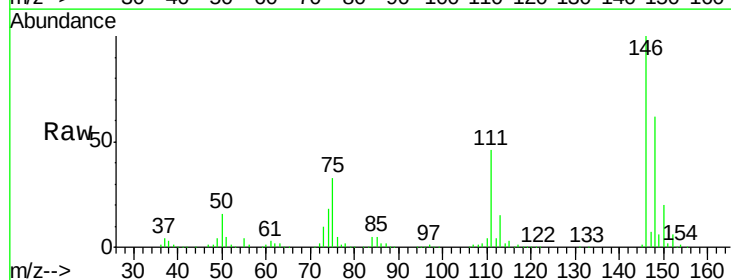
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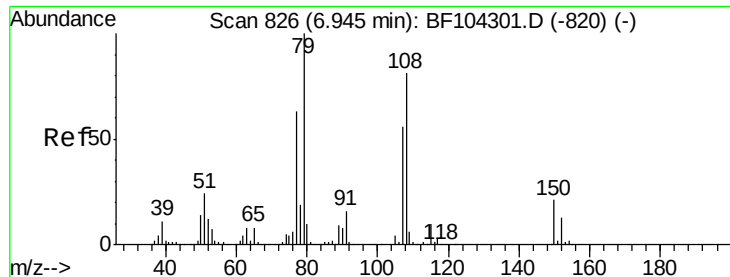
Sohil
 4/9/2018 11:18:50 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.640 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ion	Ratio	Lower	Upper
384674	146	100		
	148	62.1	50.6	75.8
	111	45.7	36.0	54.0





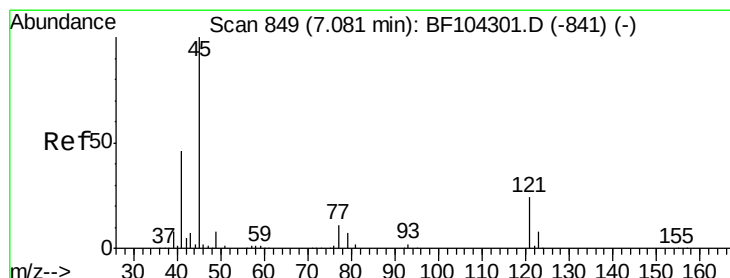
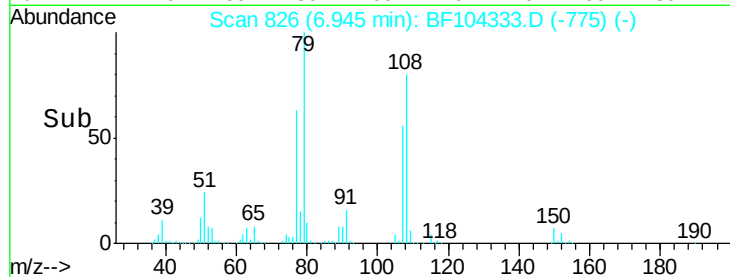
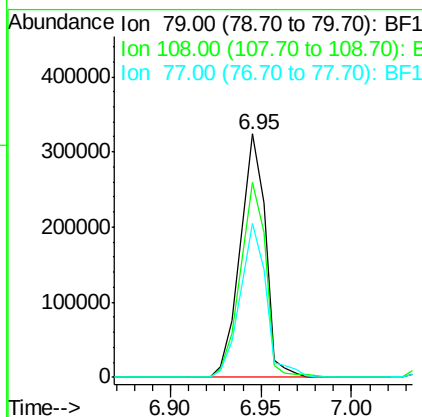
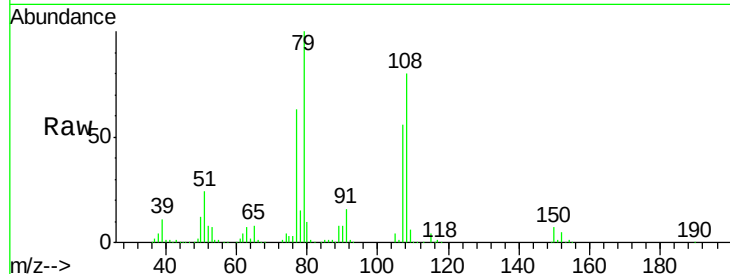
#15
Benzyl Alcohol
Concen: 37.348 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	80.3	65.1	97.7		
77	63.1	50.6	75.8		

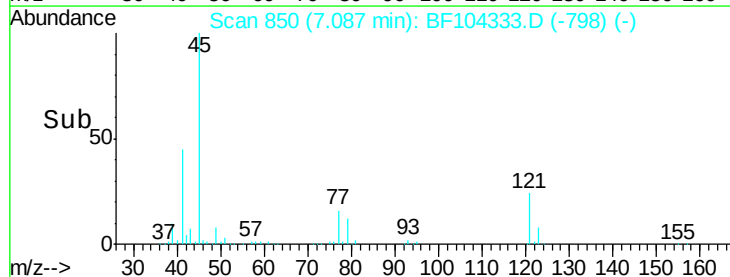
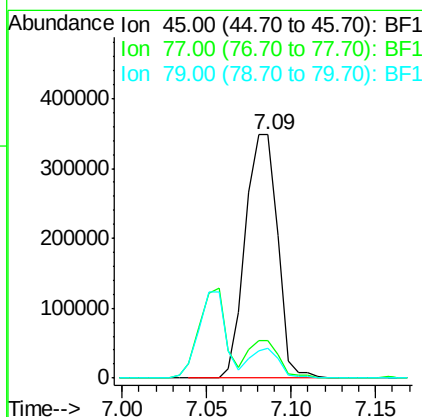
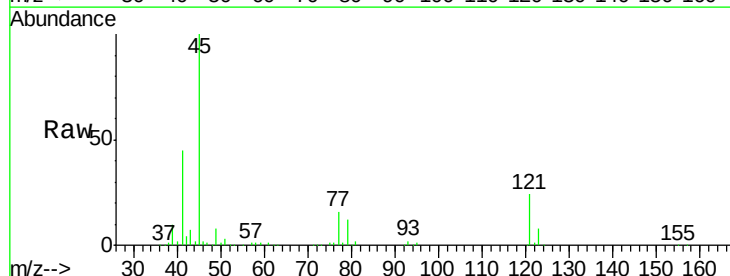
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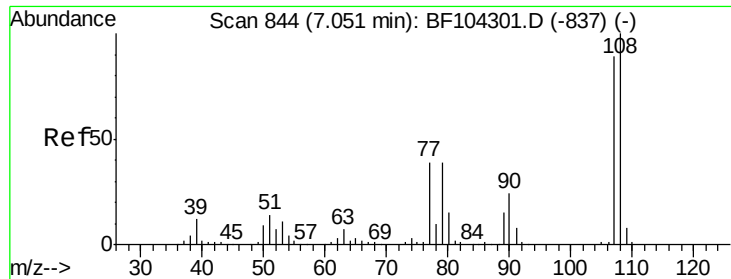
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.886 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	15.5	0.0	32.9		
79	12.4	0.0	29.6		





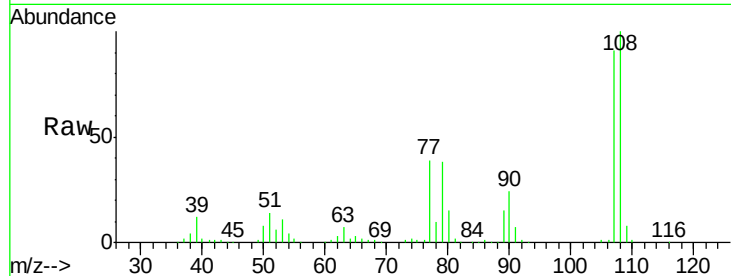
#17
2-Methylphenol
Concen: 38.140 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

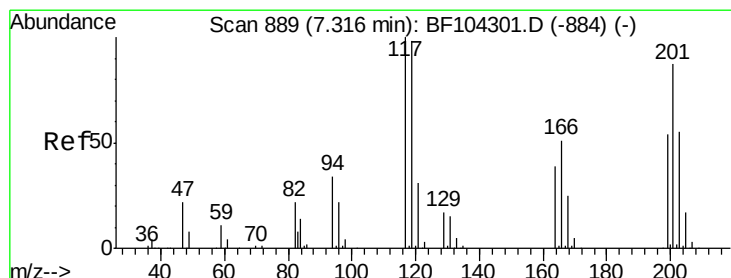
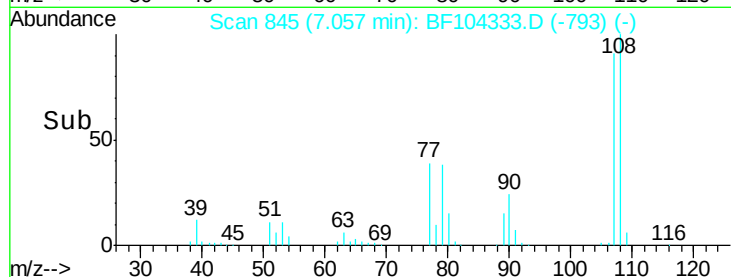
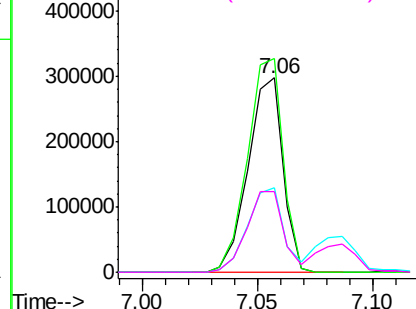
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	91.7	137.5
77	43.3	33.8	50.8
79	41.4	33.8	50.8

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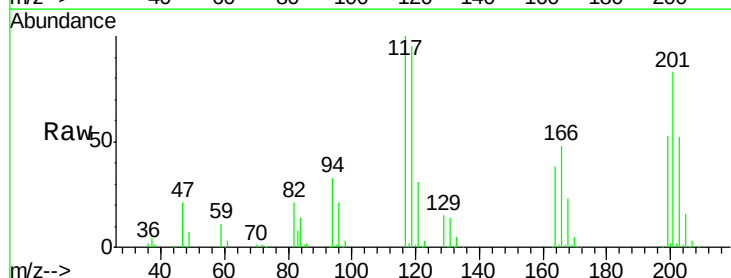


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

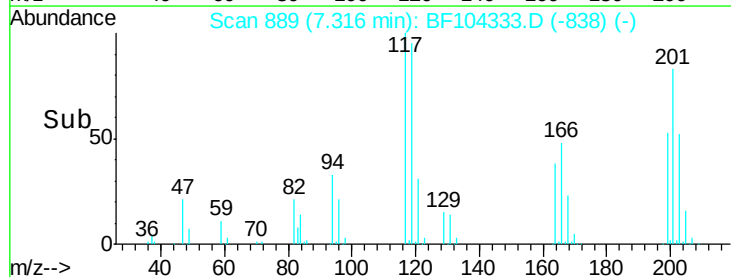
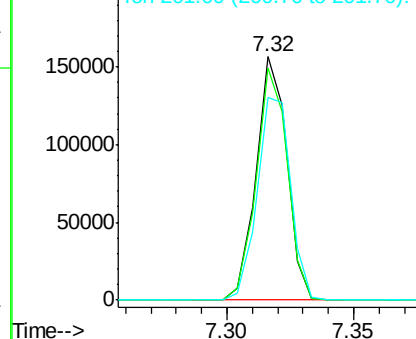


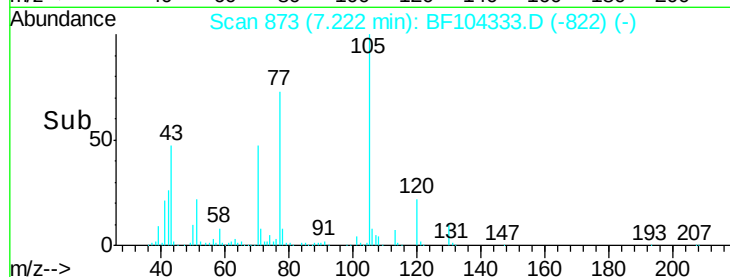
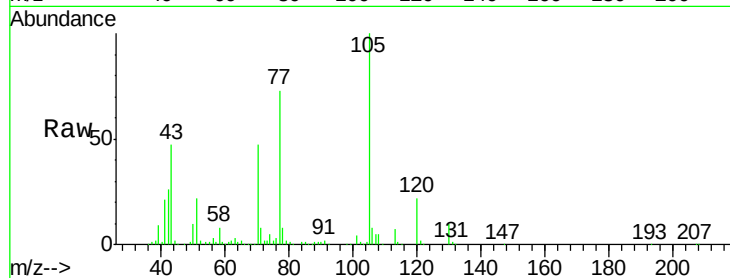
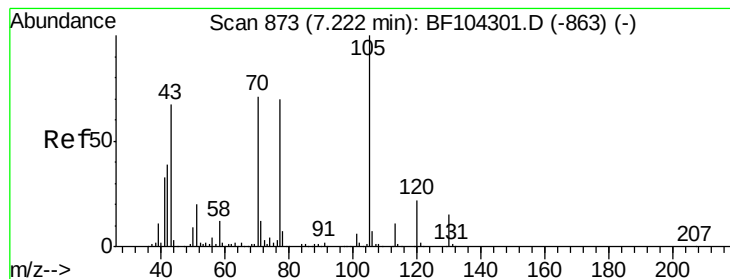
#18
Hexachloroethane
Concen: 34.639 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	83.1	75.7	113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 35.557 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 257304

Ion Ratio Lower Upper

70 100

42 54.7 47.5 71.3

101 9.1 7.4 11.2

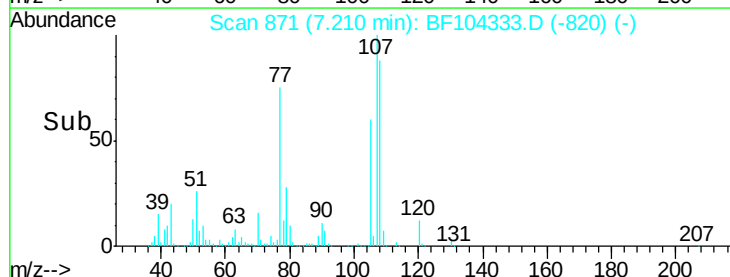
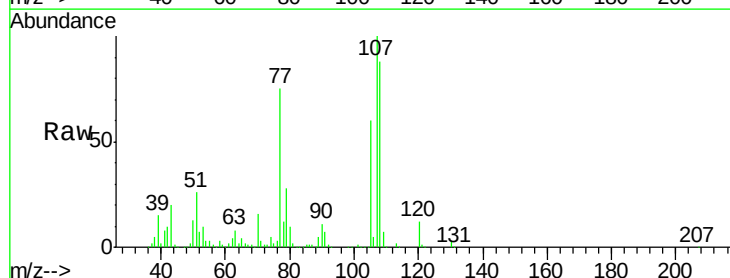
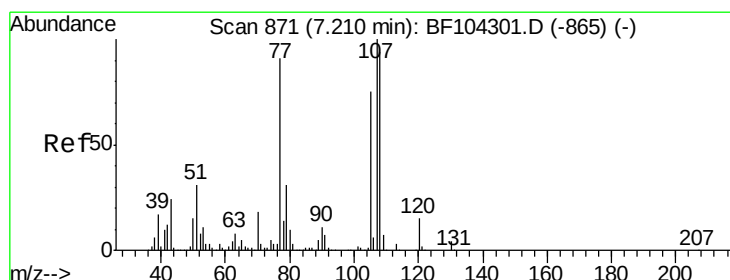
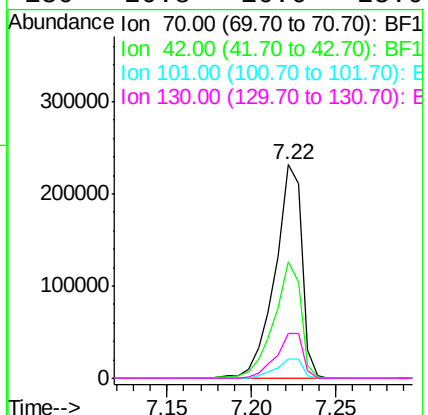
130 20.8 16.6 25.0

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#20

3+4-Methylphenols

Concen: 37.322 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tgt Ion:107 Resp: 382762

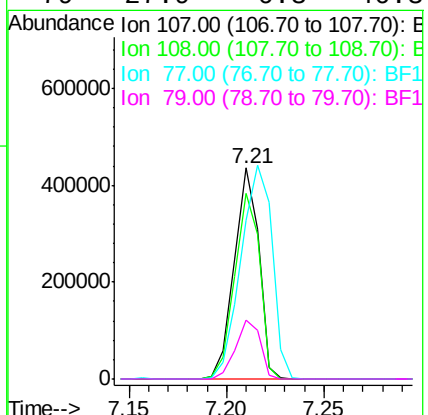
Ion Ratio Lower Upper

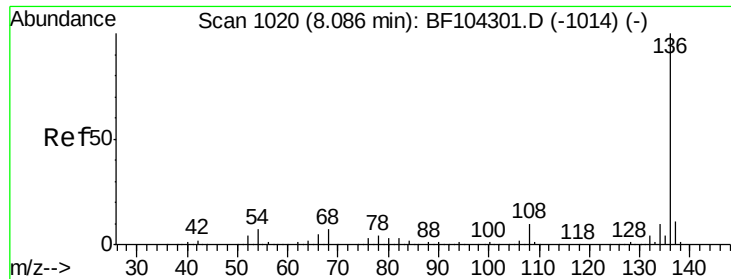
107 100

108 88.3 68.2 108.2

77 75.5 26.7 66.7#

79 27.9 6.3 46.3





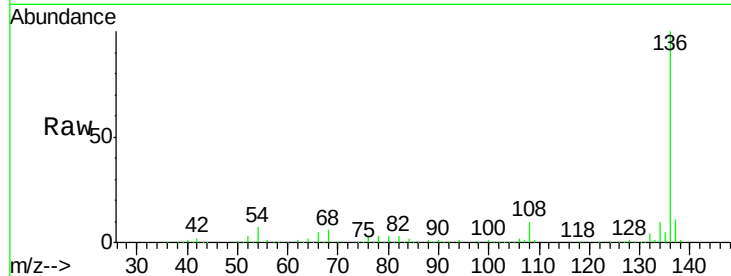
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

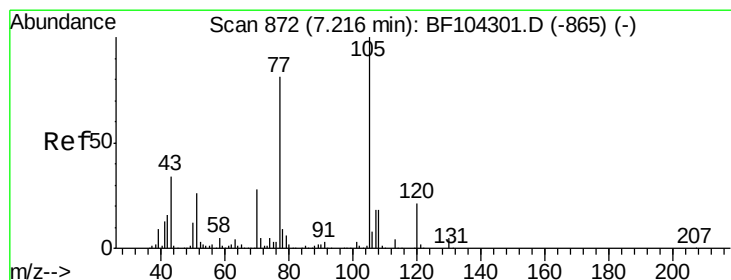
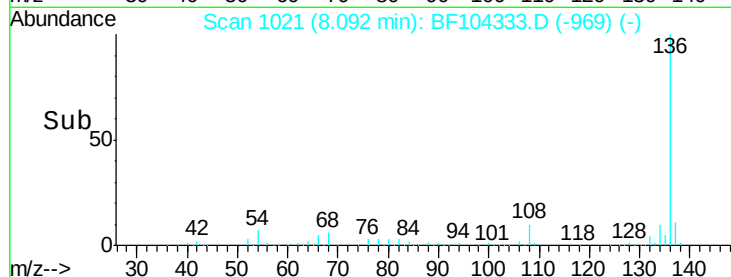
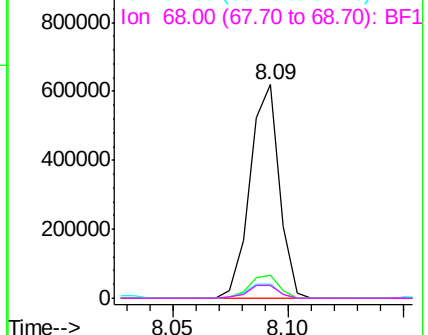
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	6.6	6.6	9.8	
68	5.8	5.0	7.4	

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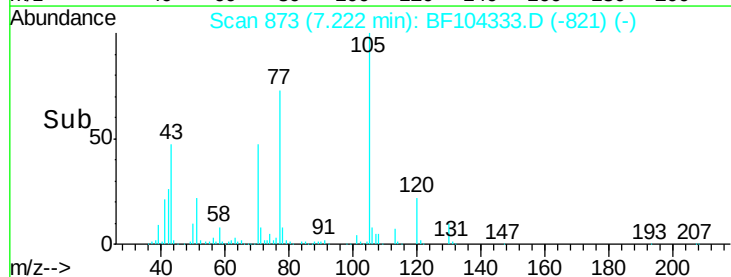
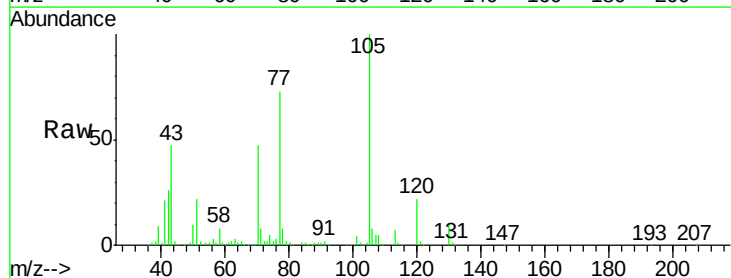
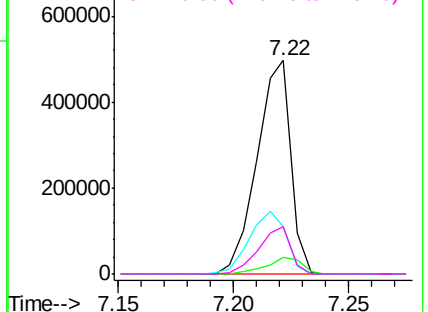
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

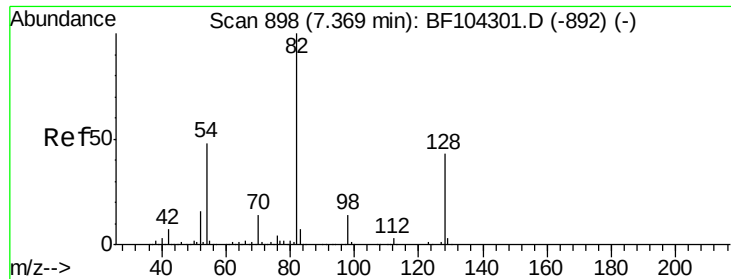


#22
Acetophenone
Concen: 37.264 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	4.4	6.6#	
51	22.3	22.3	33.5	
120	22.2	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





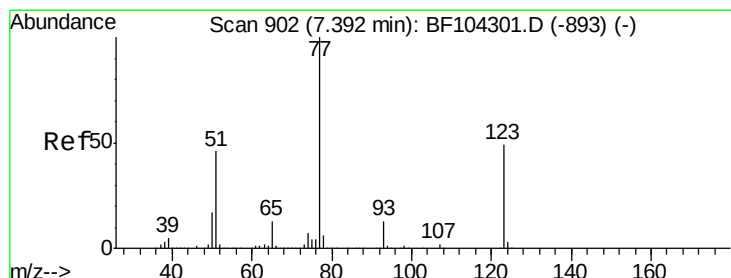
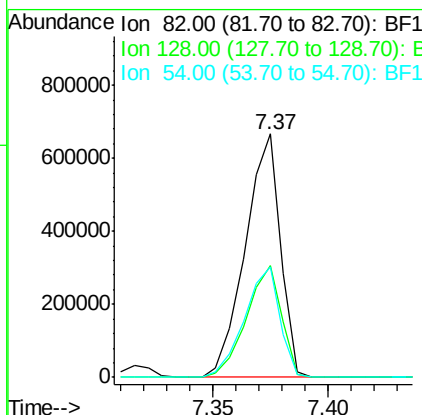
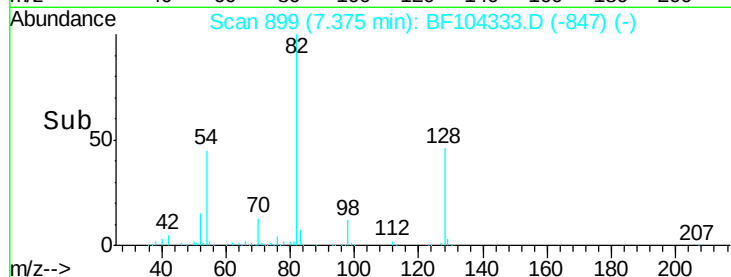
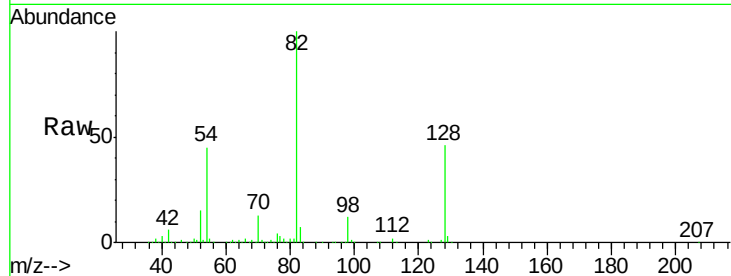
#23
Nitrobenzene-d5
Concen: 84.022 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	45.5	41.4	62.2

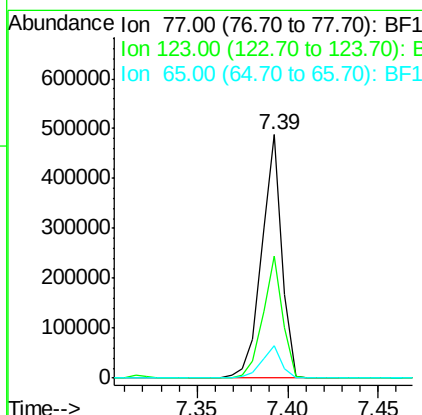
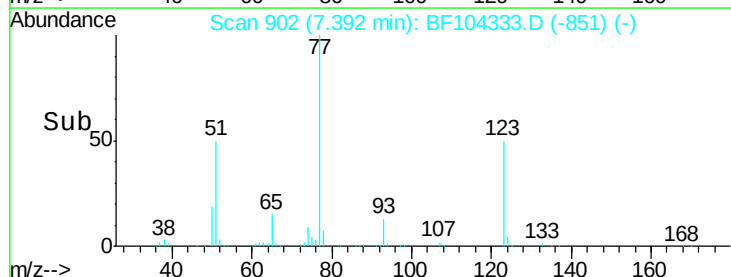
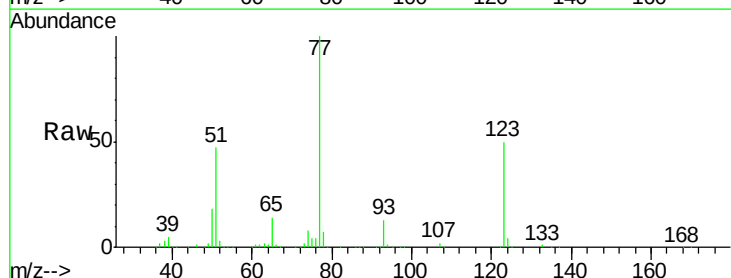
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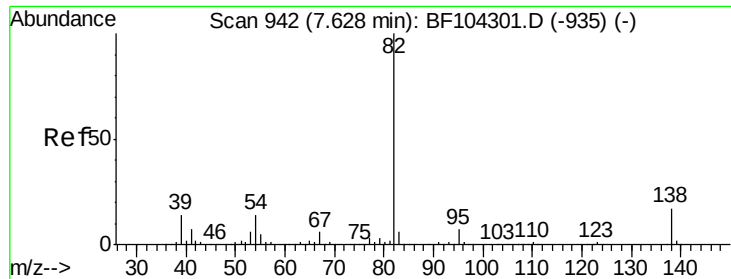
Sohil
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#24
Nitrobenzene
Concen: 40.275 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 37.269 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

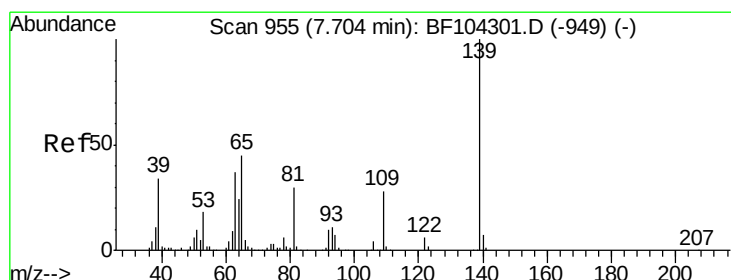
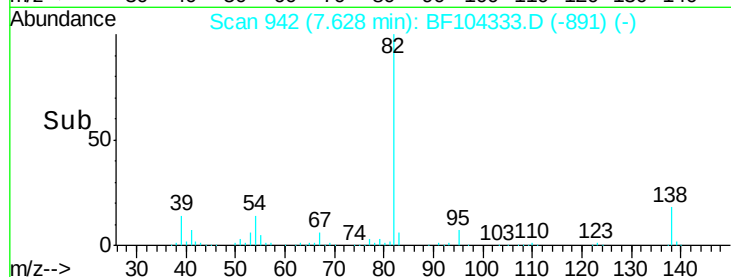
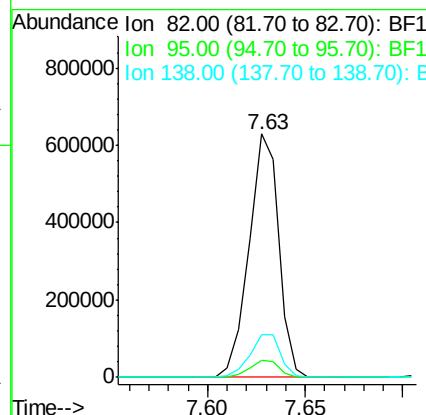
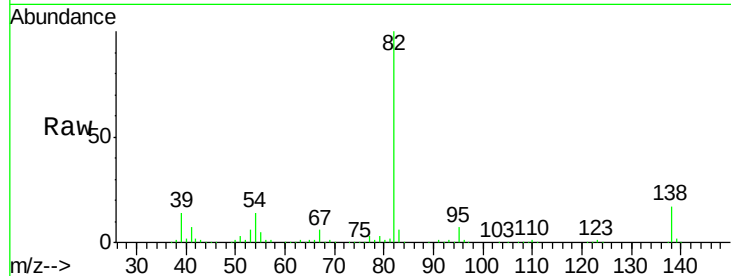
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	665571
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.2	7.8
138	17.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 45.927 ng

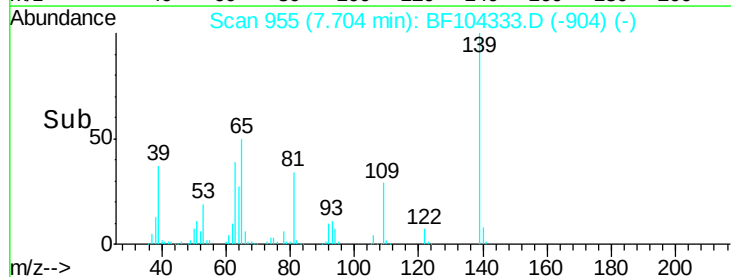
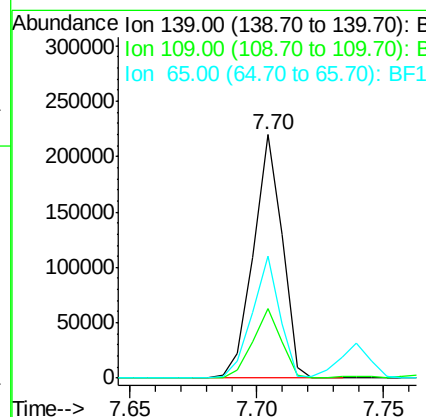
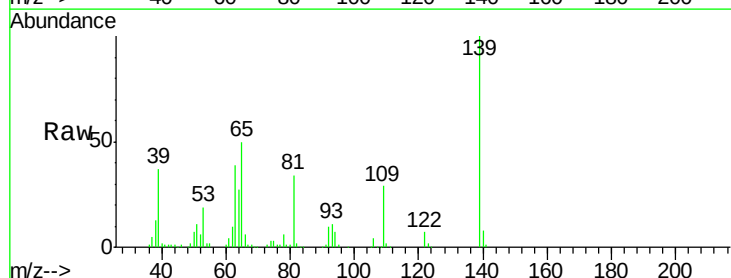
RT: 7.70 min Scan# 955

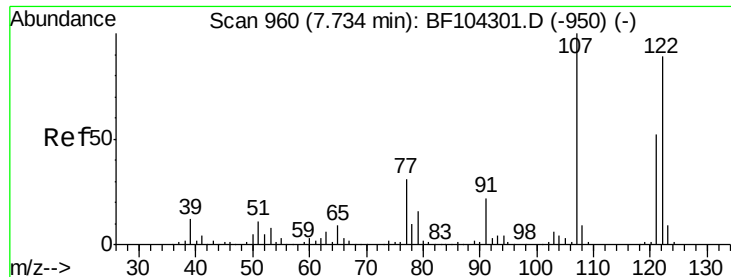
Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tgt Ion:	139	Resp:	174335
Ion Ratio		Lower	Upper
139	100		
109	28.6	22.7	34.1
65	50.0	40.5	60.7





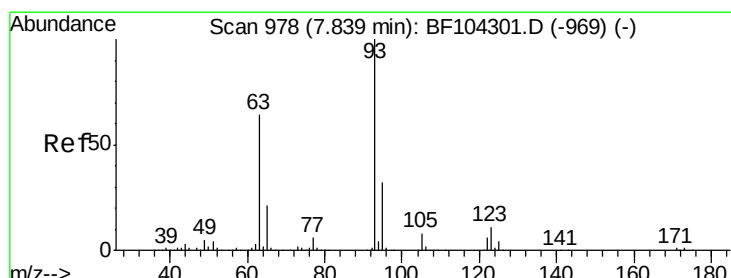
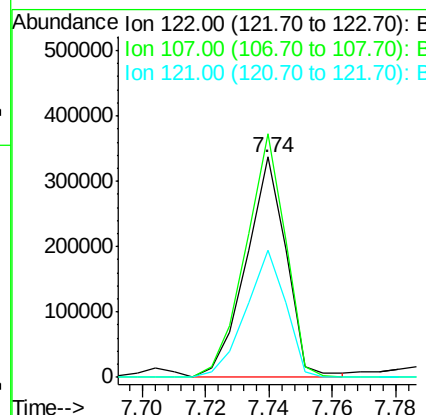
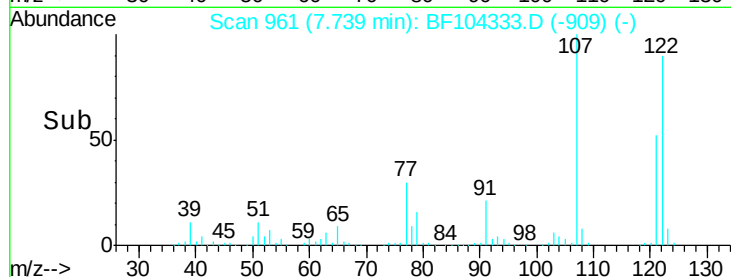
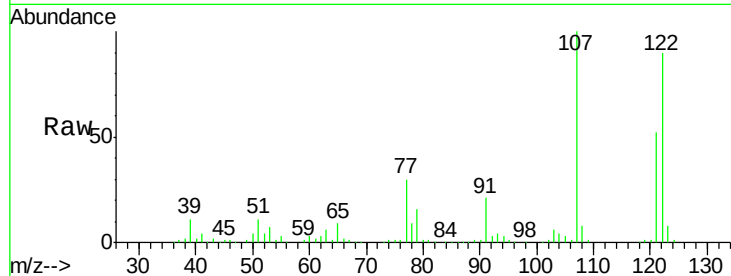
#27
 2,4-Dimethylphenol
 Concen: 37.472 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	91.2	136.8
121	58.0	47.2	70.8

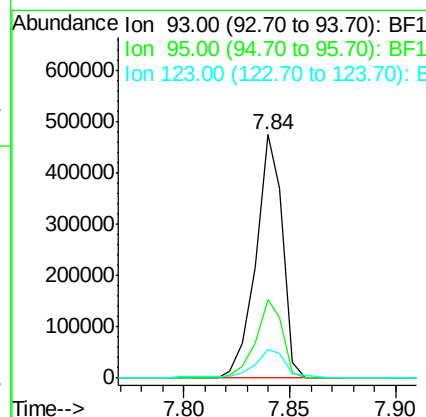
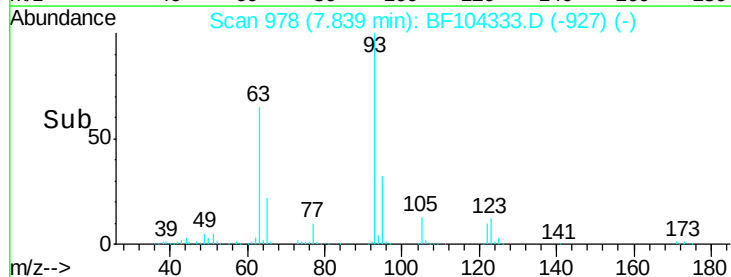
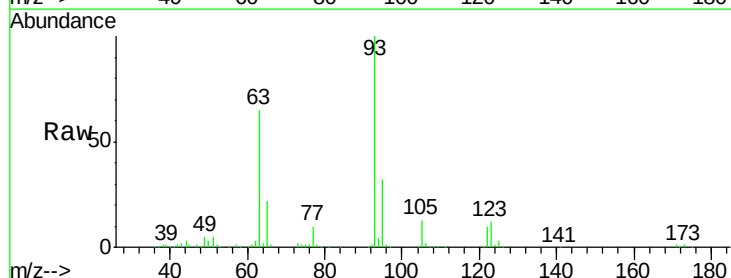
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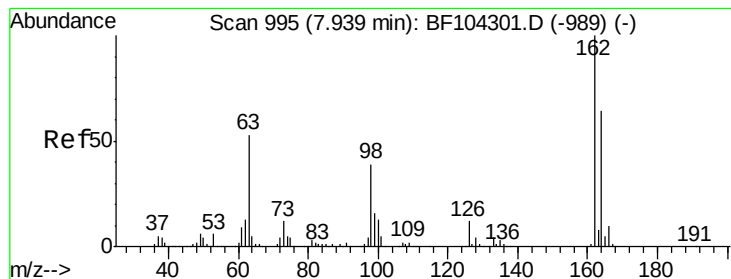
Sohil
 4/9/2018 11:18:50 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.978 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	11.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 38.010 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

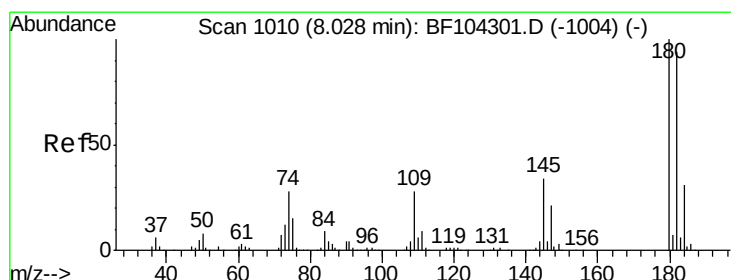
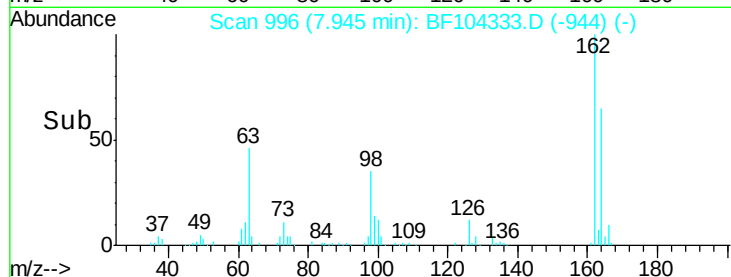
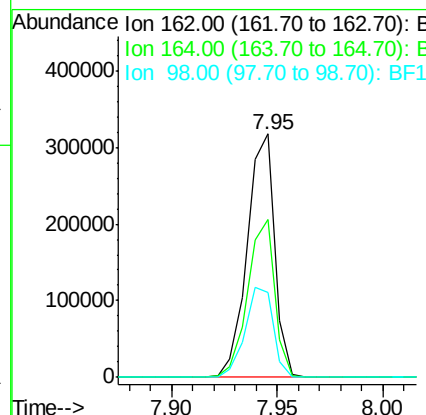
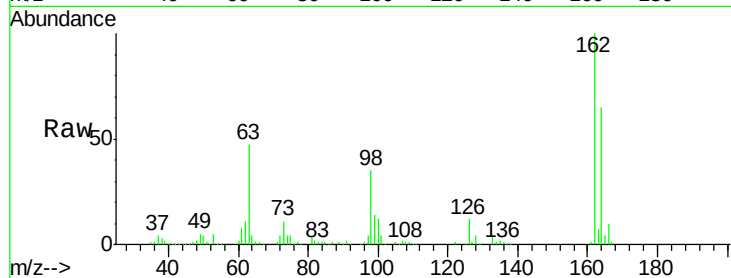
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	285847
Ion Ratio	Lower	Upper	
162	100		
164	64.9	42.7	82.7
98	34.8	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.464 ng

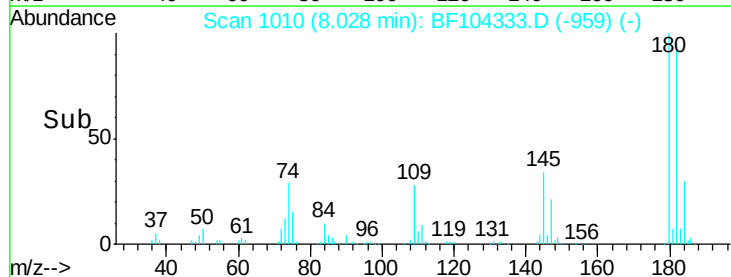
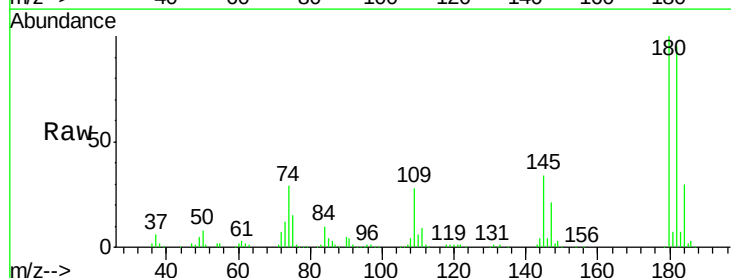
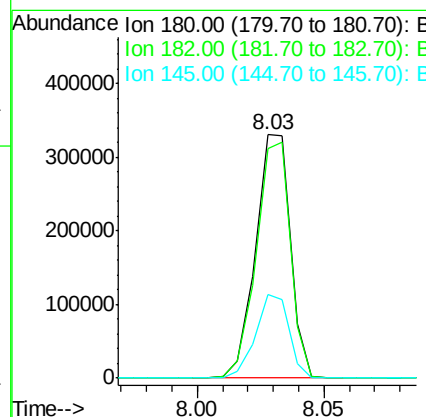
RT: 8.03 min Scan# 1010

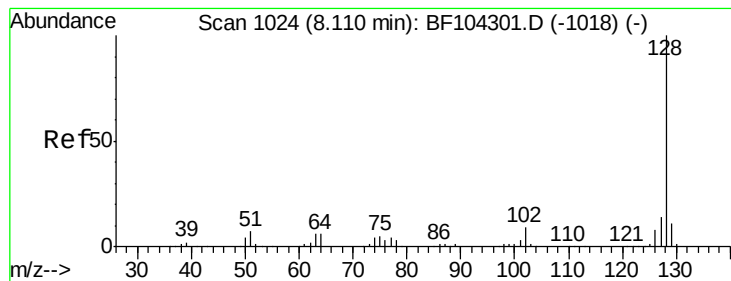
Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tgt Ion:	180	Resp:	317452
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.8	115.2
145	34.1	26.5	39.7





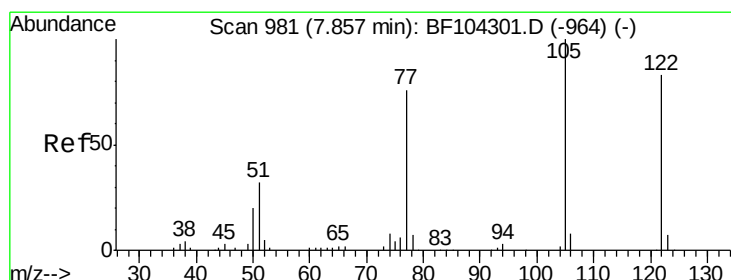
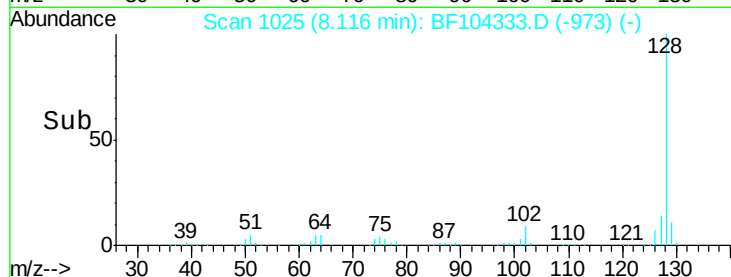
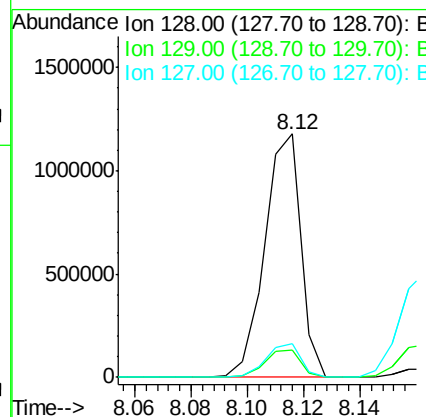
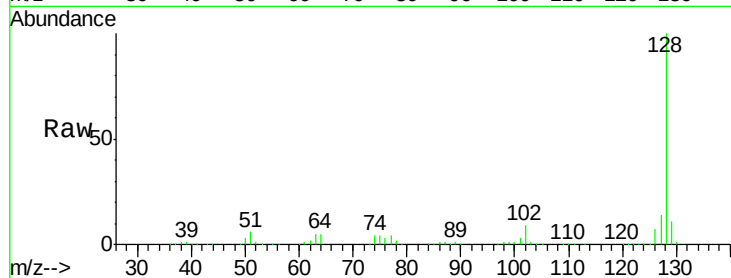
#31
Naphthalene
Concen: 38.115 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1046622
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.9 16.3

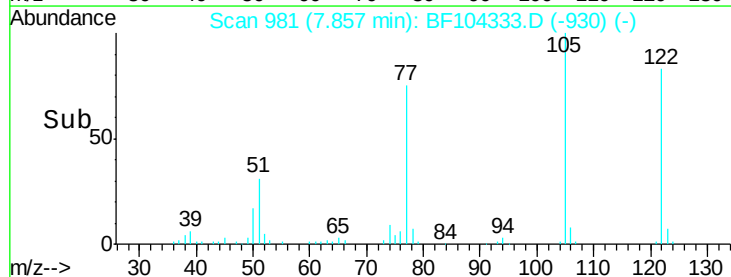
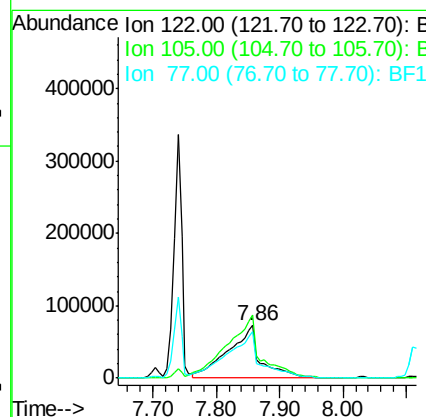
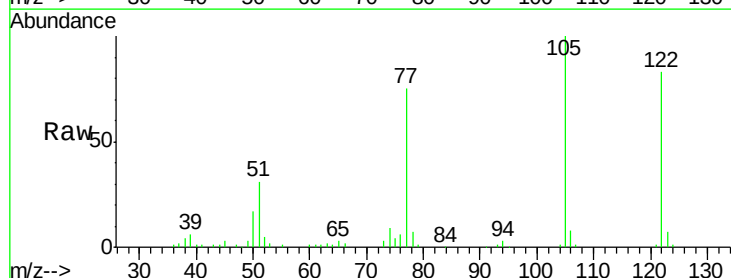
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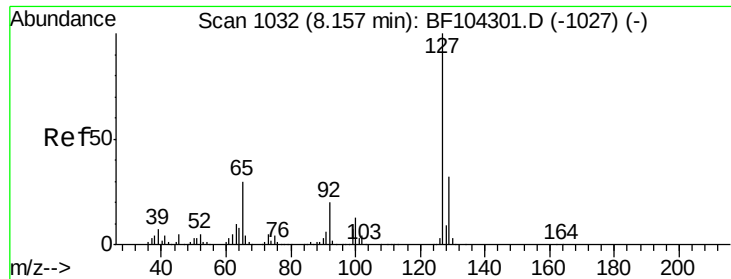
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#32
Benzoic acid
Concen: 40.518 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:122 Resp: 254806
Ion Ratio Lower Upper
122 100
105 120.0 101.1 141.1
77 89.4 70.7 110.7





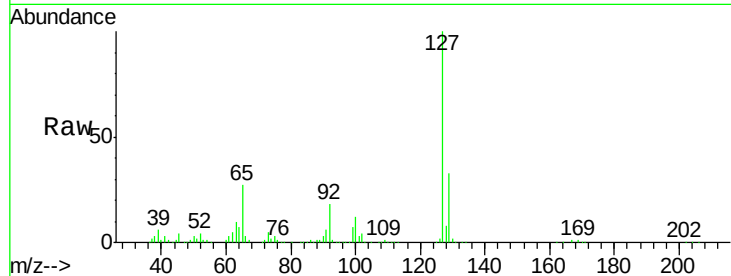
#33
4-Chloroaniline
Concen: 37.619 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

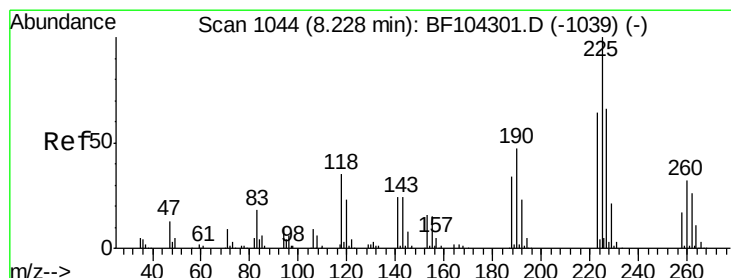
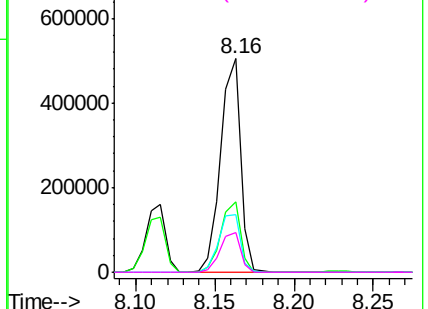
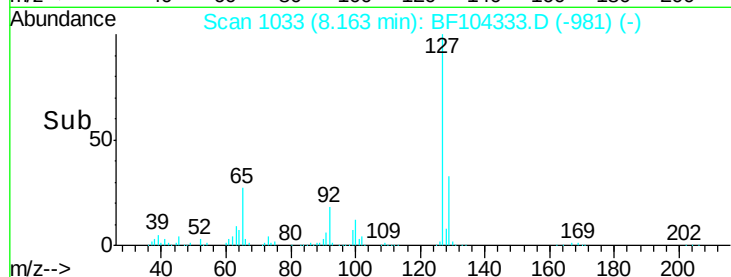
Tot Ion:	127	Resp:	442564
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	27.1	25.0	37.4
92	18.4	15.2	22.8

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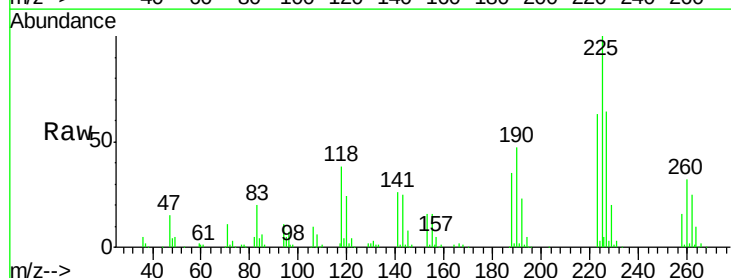


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

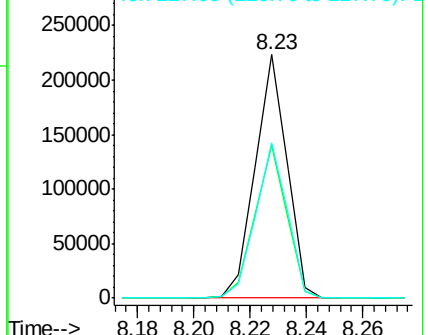
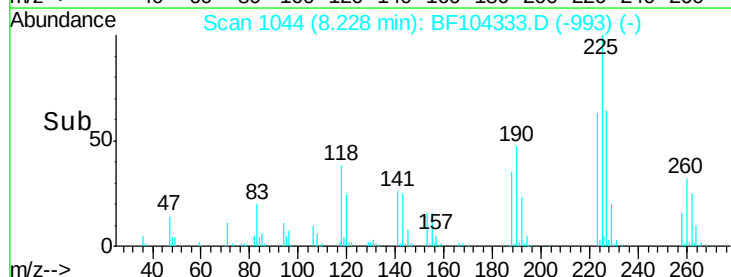


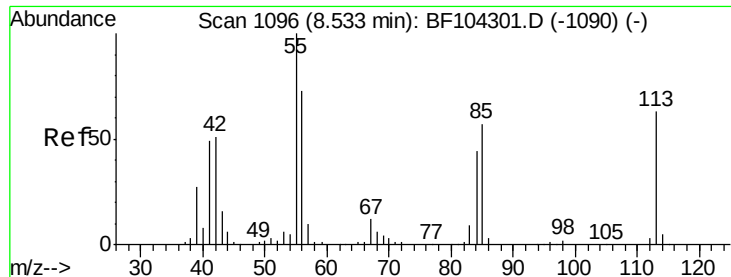
#34
Hexachlorobutadiene
Concen: 38.630 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:	225	Resp:	174632
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.6	76.0
227	63.7	51.9	77.9



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





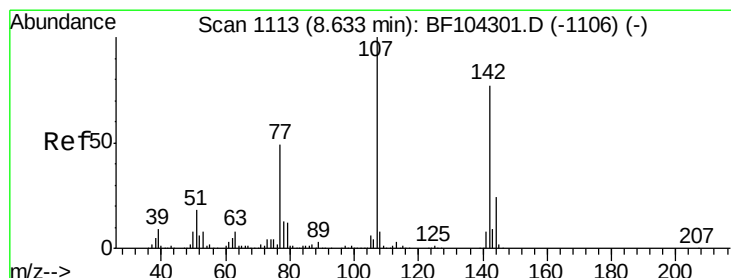
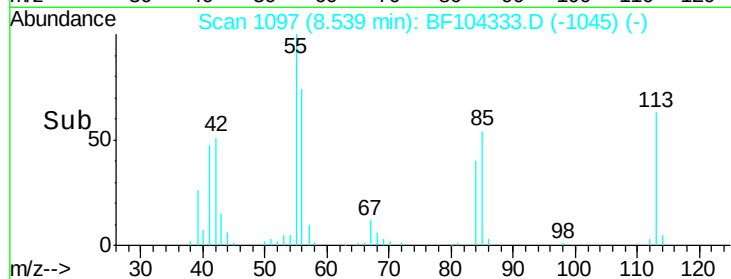
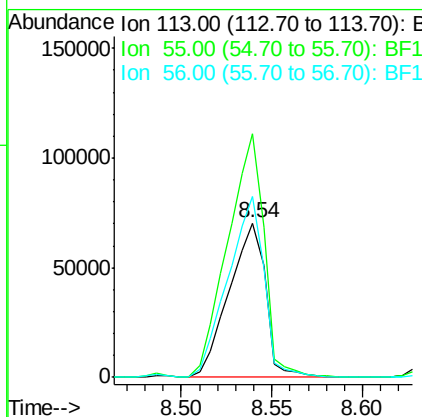
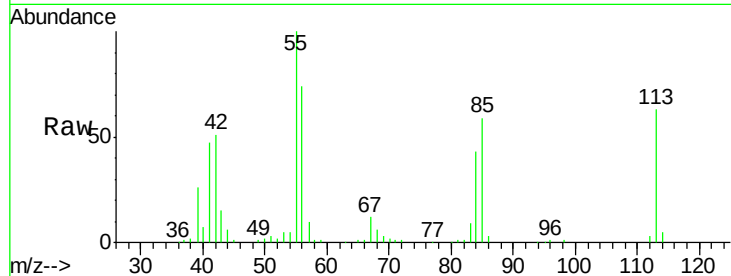
#35
 Caprolactam
 Concen: 37.373 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 98045
 Ion Ratio Lower Upper
 113 100
 55 158.0 163.3 203.3#
 56 117.6 115.7 155.7

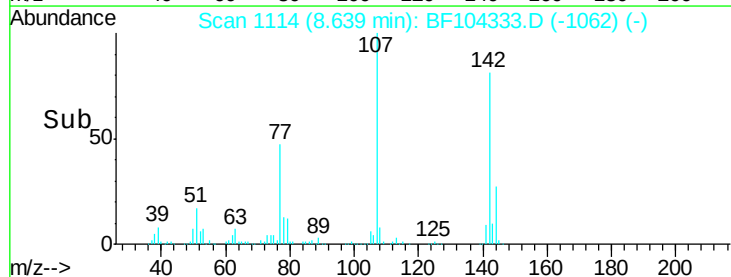
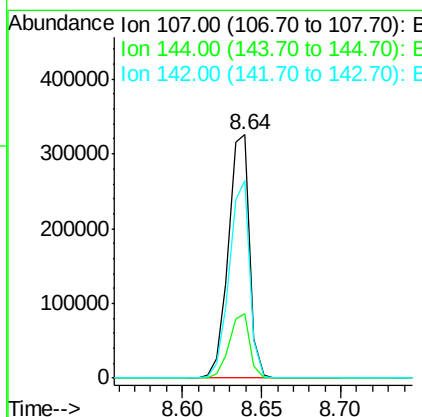
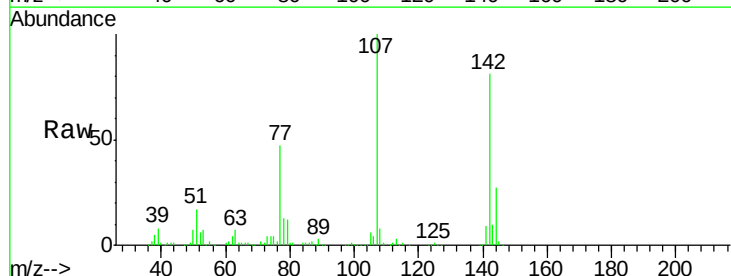
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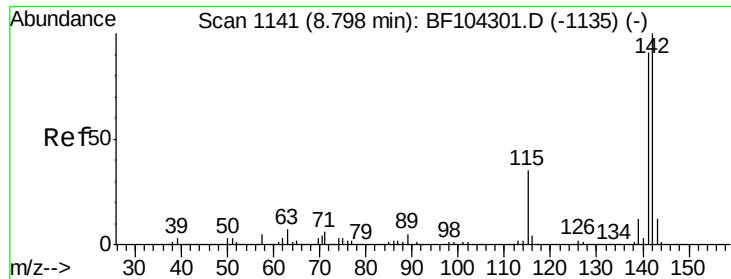
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#36
 4-Chloro-3-methylphenol
 Concen: 37.399 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion:107 Resp: 301573
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 81.3 62.0 93.0





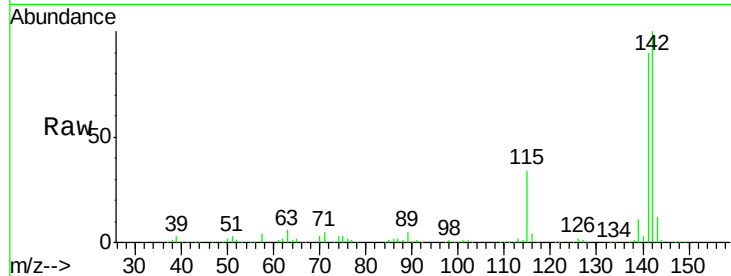
#37
2-Methylnaphthalene
Concen: 37.267 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

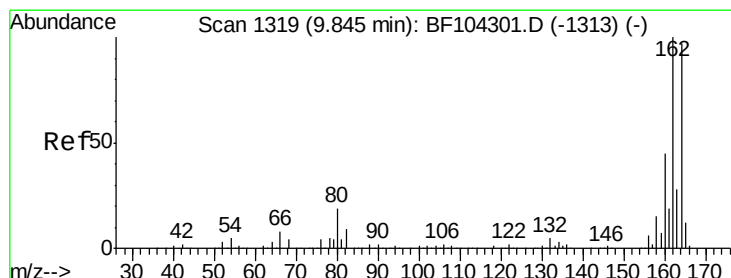
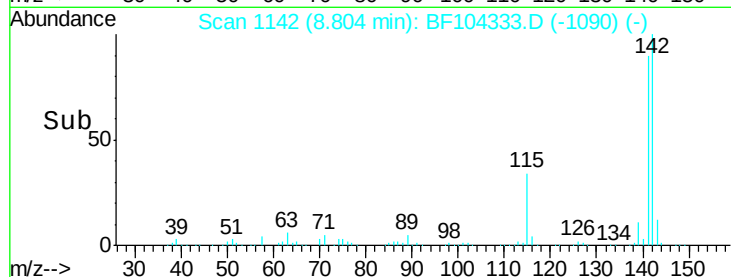
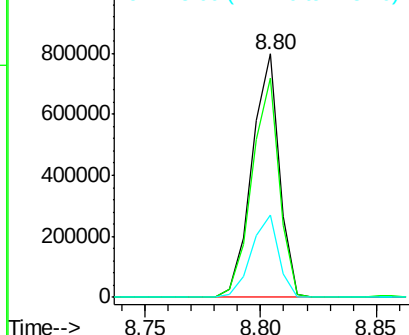
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.0	26.1	39.1

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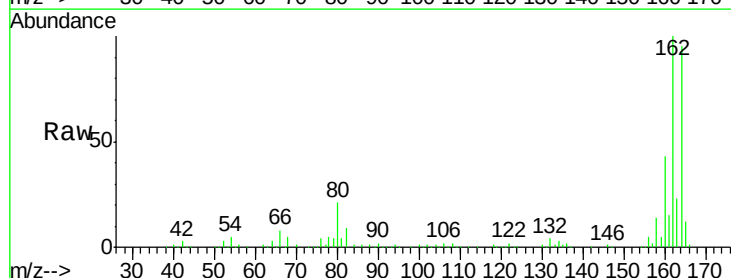


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

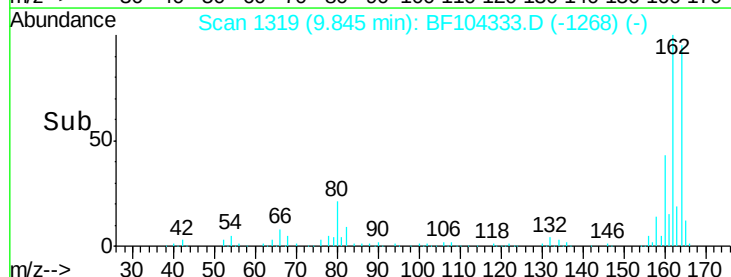
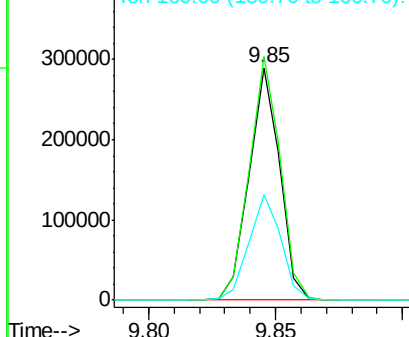


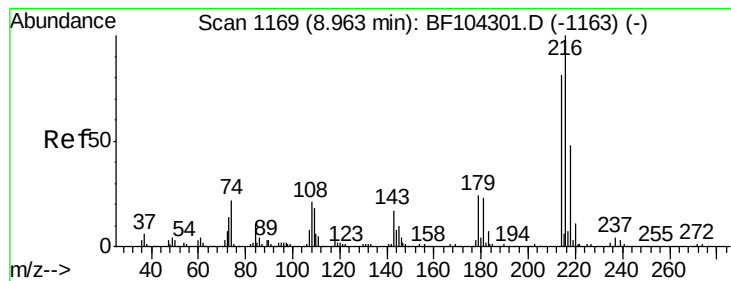
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.1	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.356 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

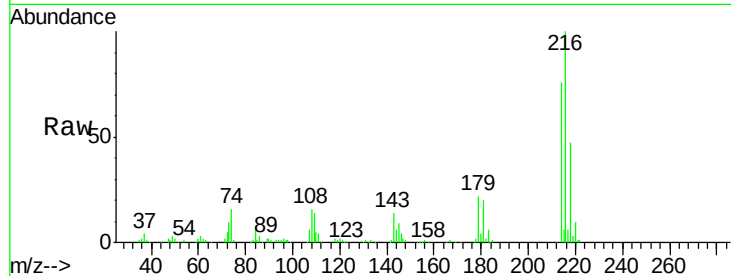
ClientSampleId :

SSTDCCC040

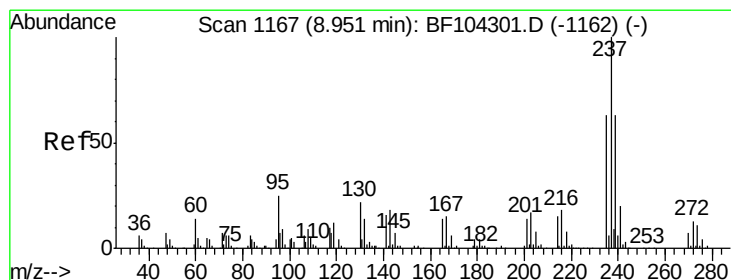
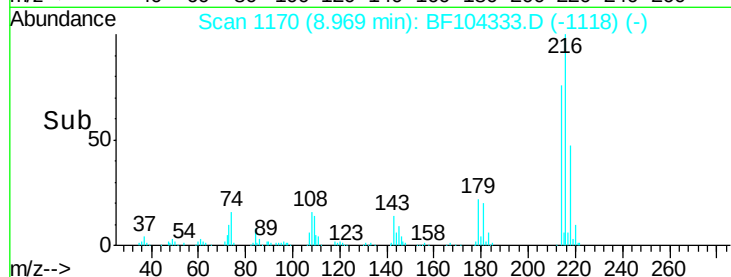
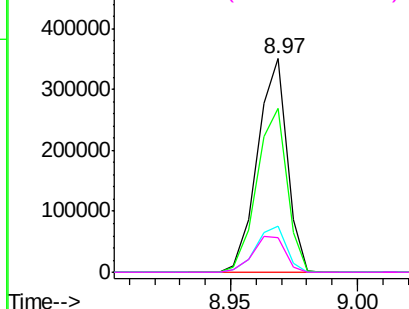
Tot Ion:	216	Resp:	287756
Ion Ratio		Lower	Upper
216	100		
214	78.3	63.0	94.4
179	22.4	18.1	27.1
108	18.8	17.2	25.8

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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: 8.527 ng

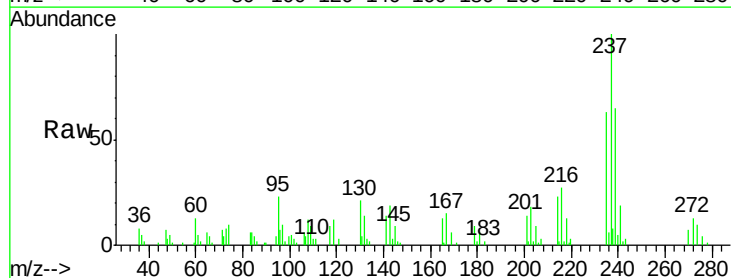
RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

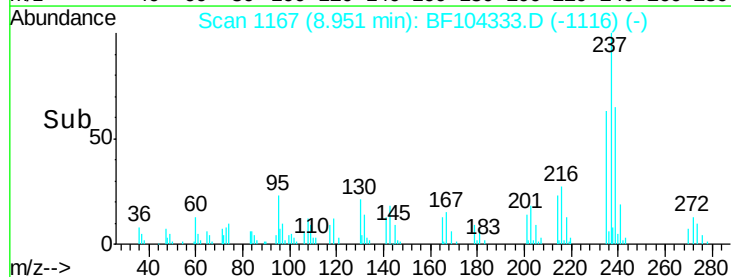
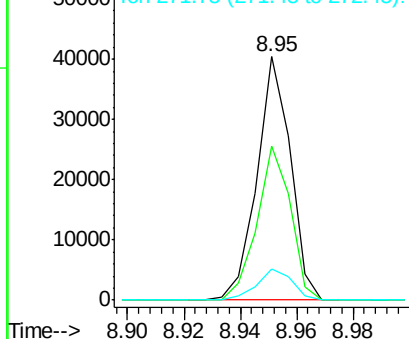
Lab File: BF104333.D

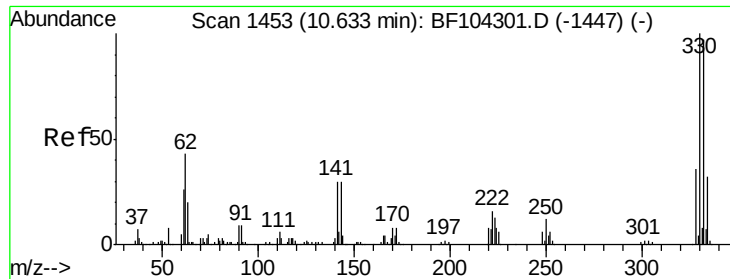
Acq: 7 Apr 2018 3:40

Tgt Ion:	237	Resp:	33216
Ion Ratio		Lower	Upper
237	100		
235	63.2	44.8	84.8
272	12.8	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





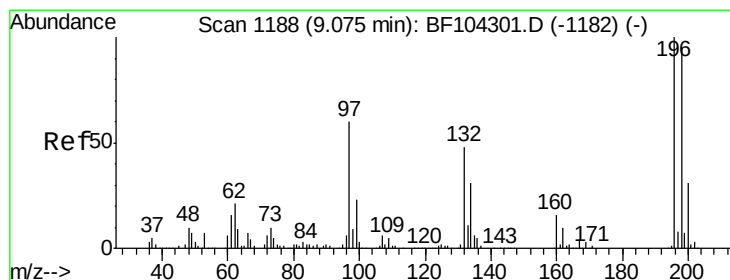
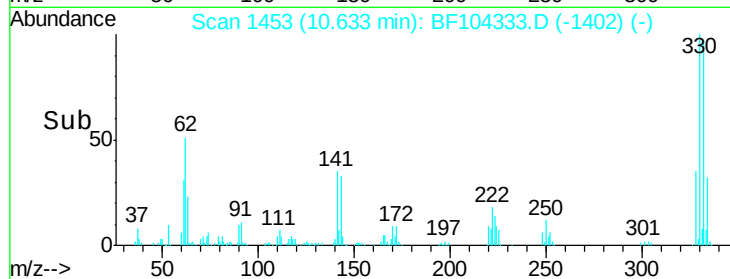
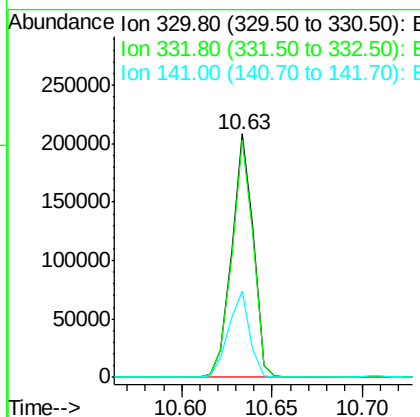
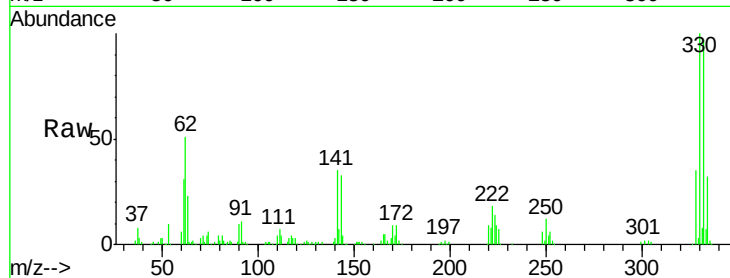
#41
 2,4,6-Tribromophenol
 Concen: 68.298 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	172209		
332	96.6	77.0	115.6	
141	34.9	29.9	44.9	

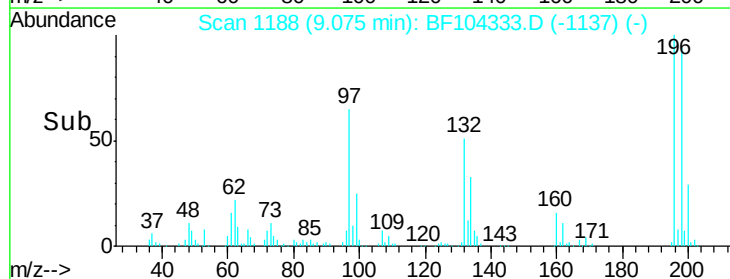
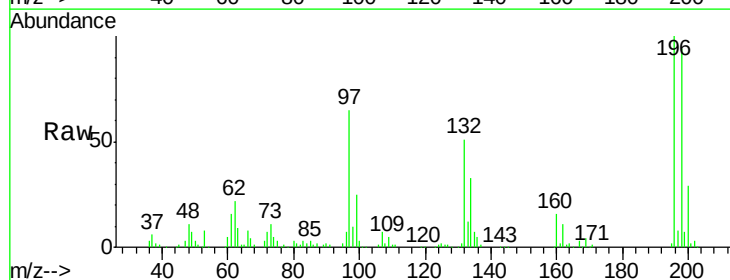
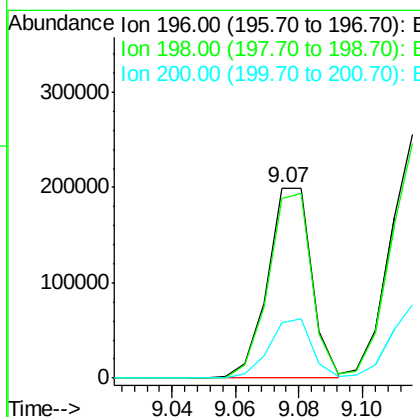
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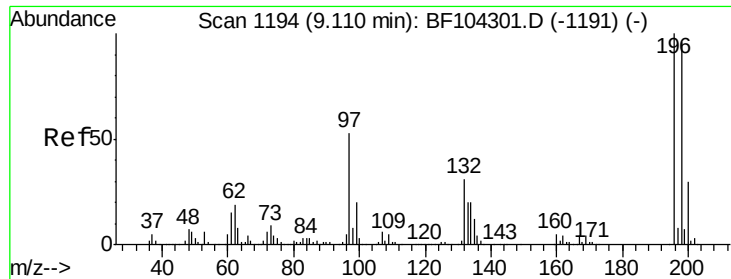
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#42
 2,4,6-Trichlorophenol
 Concen: 39.924 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192839		
198	94.2	75.7	113.5	
200	29.4	24.5	36.7	





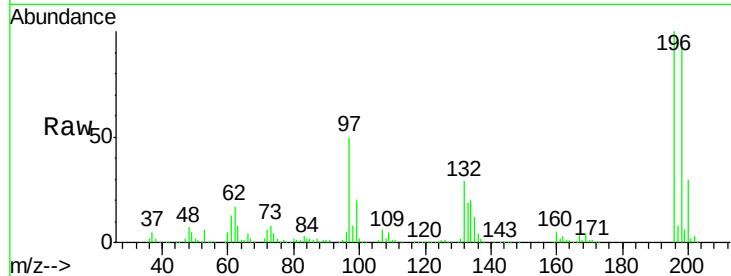
#43
 2,4,5-Trichlorophenol
 Concen: 39.373 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

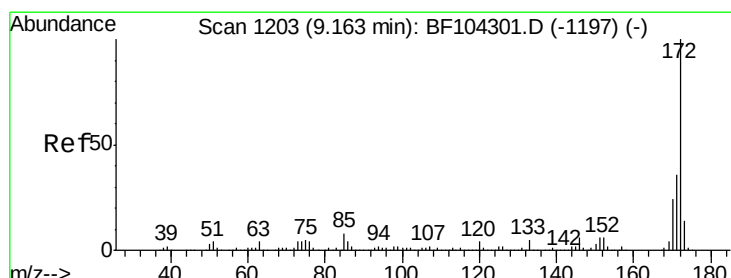
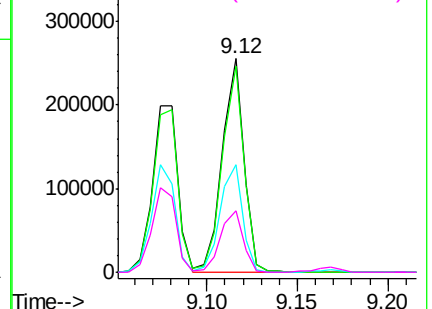
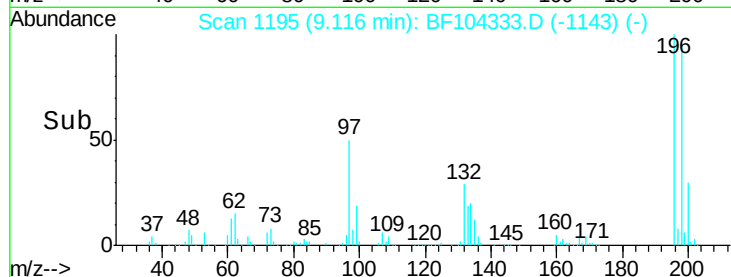
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		212818		
198	96.4	74.6	112.0		
97	50.4	42.9	64.3		
132	28.9	26.3	39.5		

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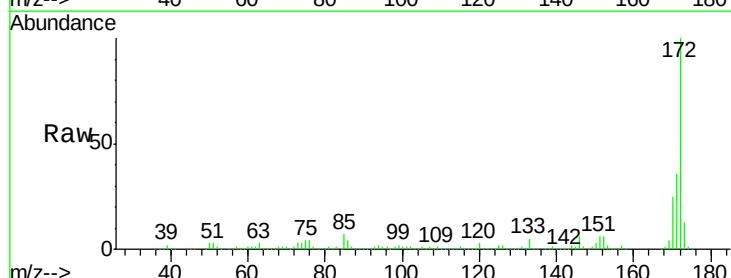


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

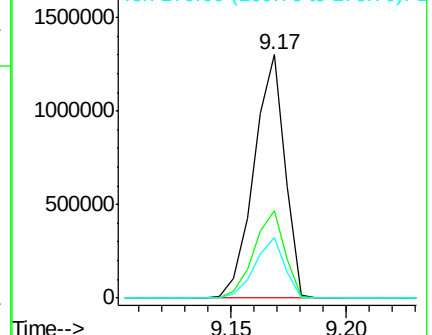
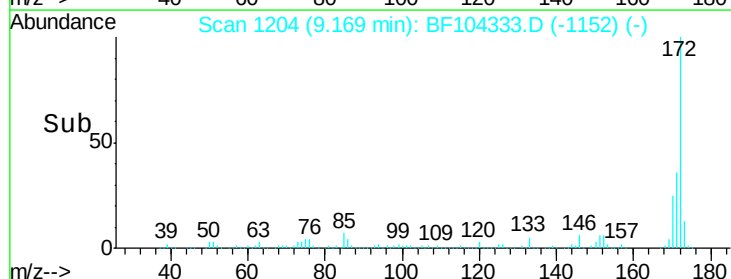


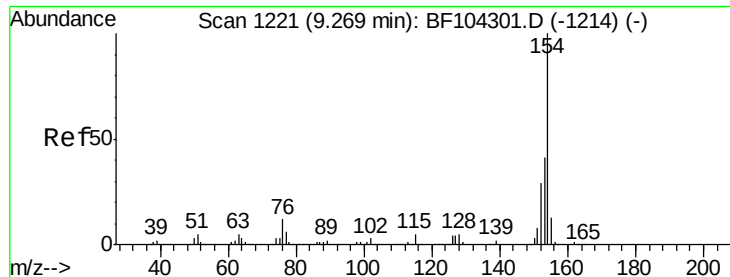
#44
 2-Fluorobiphenyl
 Concen: 78.999 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1215515		
171	36.2	29.7	44.5		
170	24.6	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





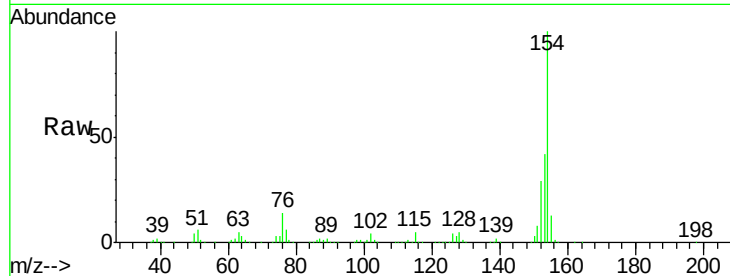
#45
1,1'-Biphenyl
Concen: 39.120 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

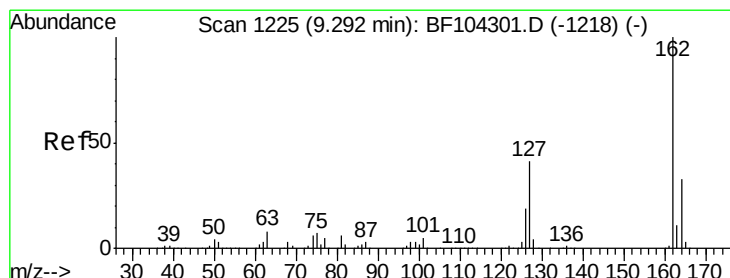
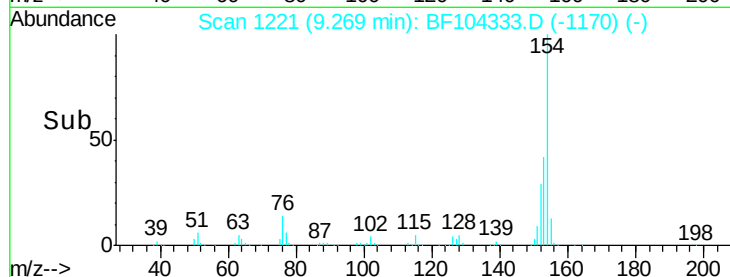
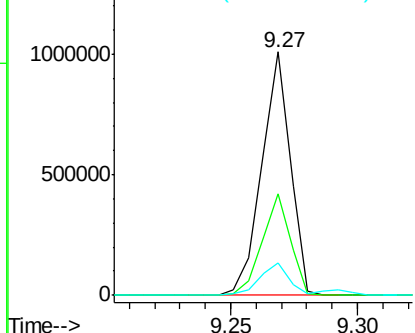
Tot Ion:	154	Resp:	798819
Ion Ratio	Lower	Upper	
154	100		
153	41.6	21.3	61.3
76	13.5	0.0	34.0

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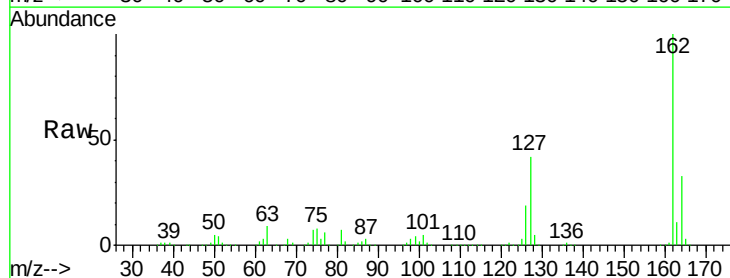


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

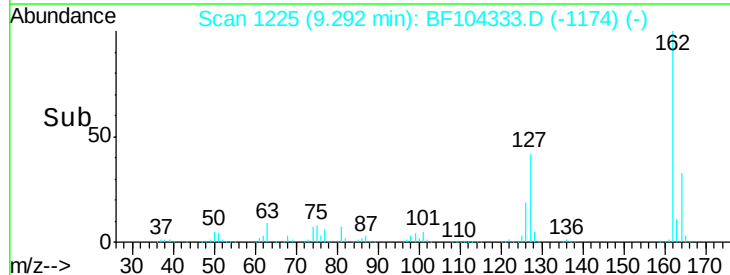
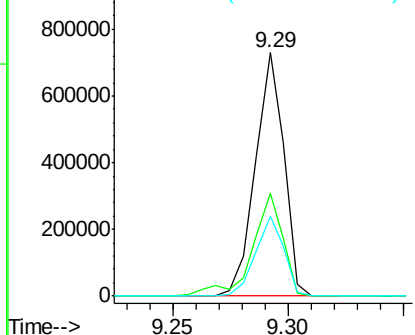


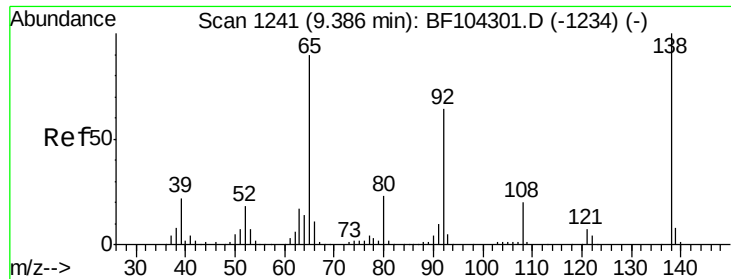
#46
2-Chloronaphthalene
Concen: 38.965 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion:	162	Resp:	628465
Ion Ratio	Lower	Upper	
162	100		
127	42.0	33.9	50.9
164	32.8	26.5	39.7



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





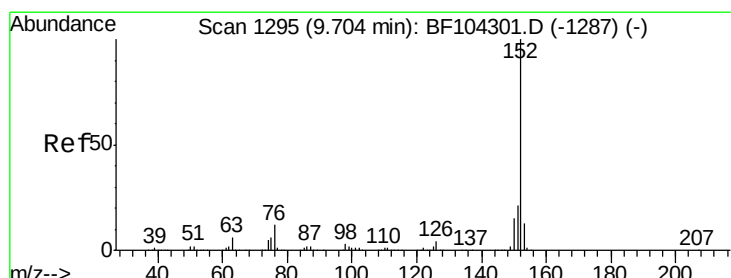
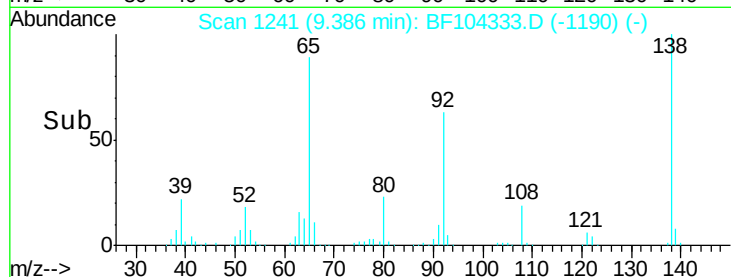
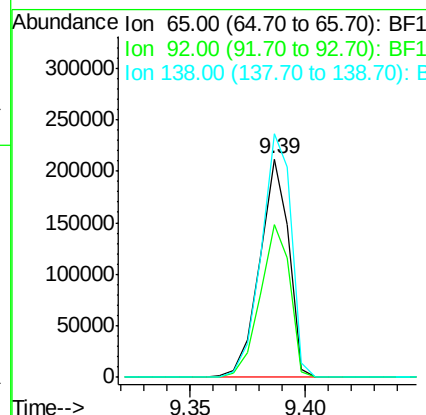
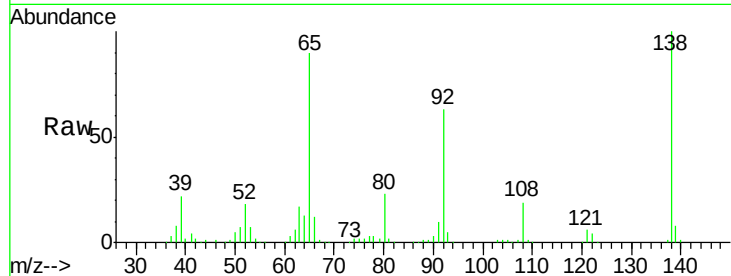
#47
2-Nitroaniline
Concen: 46.626 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.3	55.8	83.6
138	111.7	91.2	136.8

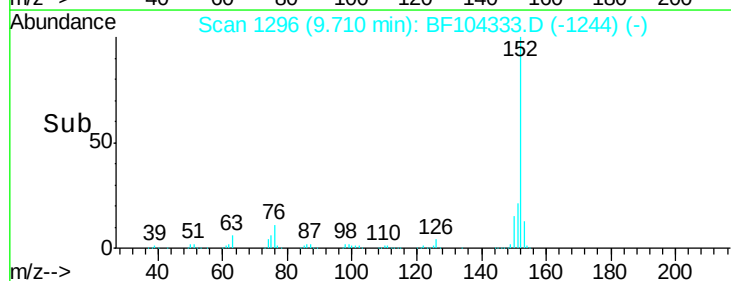
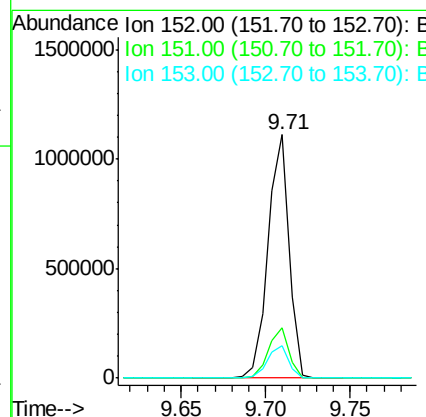
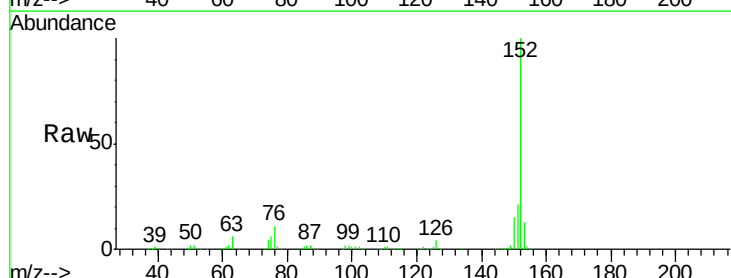
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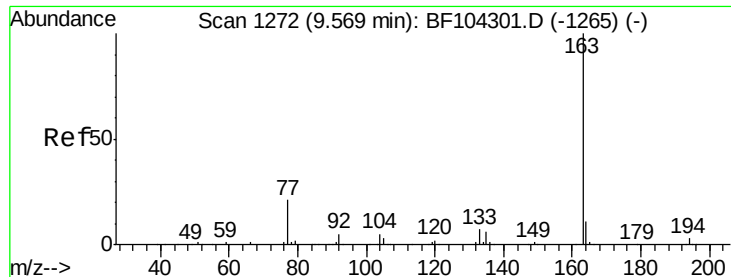
Sohil
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#48
Acenaphthylene
Concen: 37.712 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.3	10.7	16.1





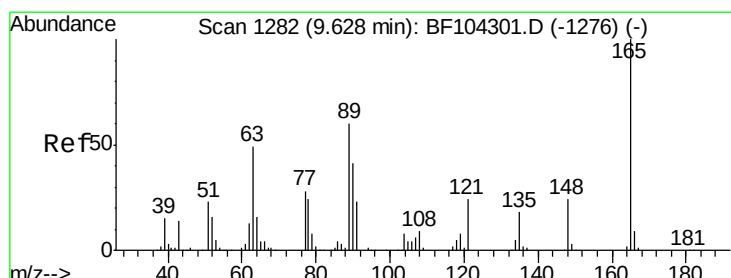
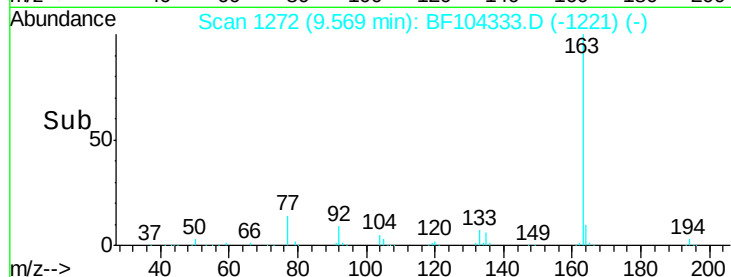
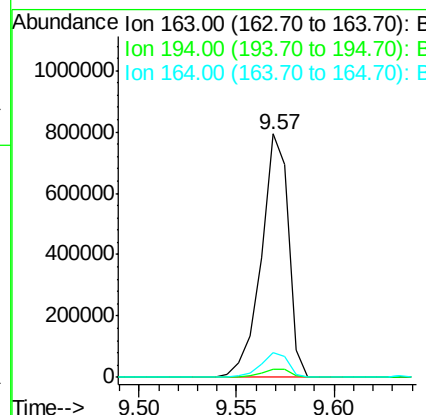
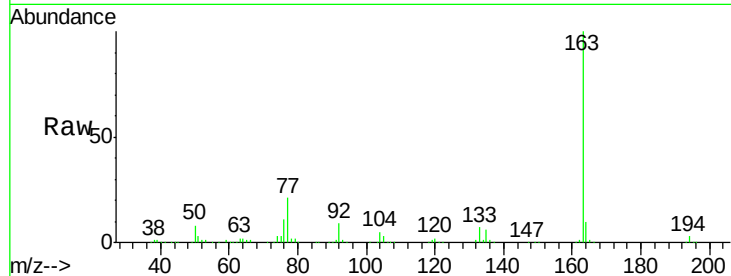
#49
Dimethylphthalate
Concen: 39.803 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	762932		
194	3.3		2.7	4.1
164	10.4		8.2	12.2

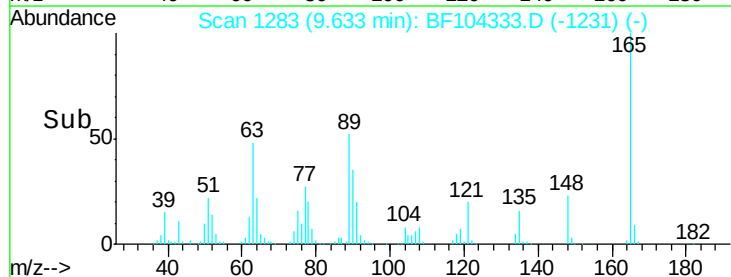
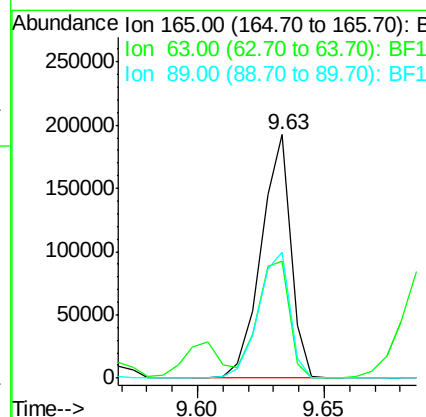
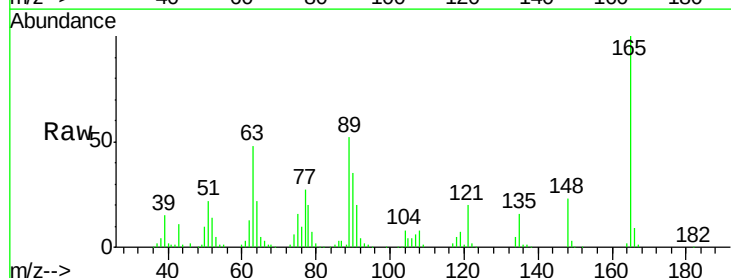
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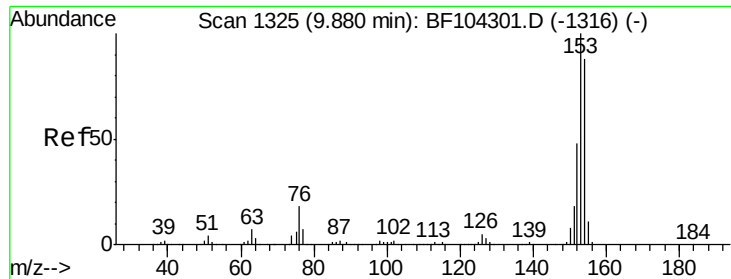
Sohil
4/9/2018 11:18:50 AM



#50
2,6-Dinitrotoluene
Concen: 44.365 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157354		
63	48.0		44.7	67.1
89	51.5		44.0	66.0





#51

Acenaphthene

Concen: 36.336 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

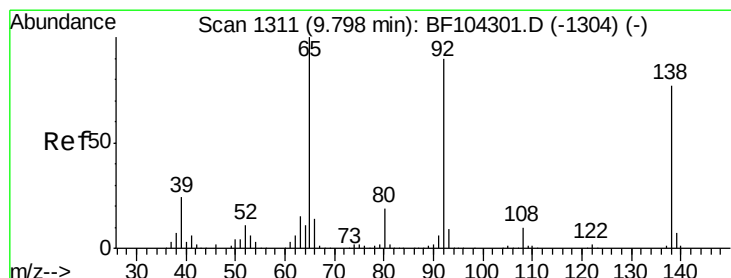
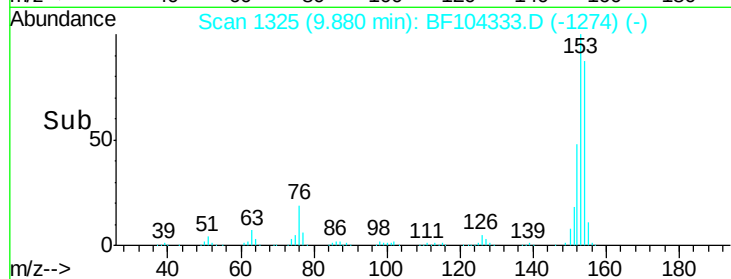
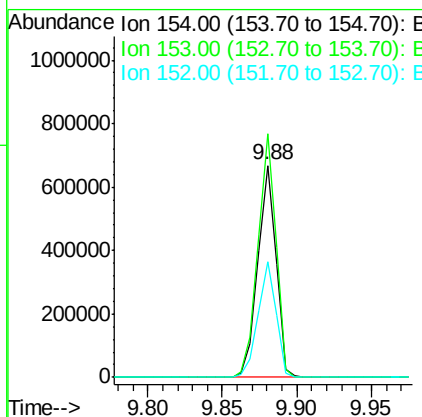
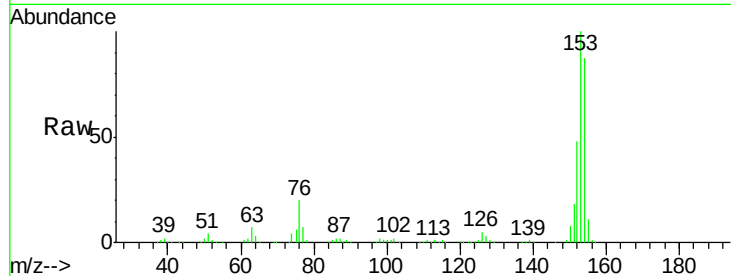
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	561024
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 44.400 ng

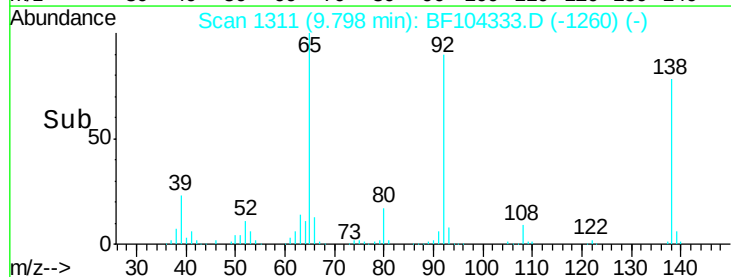
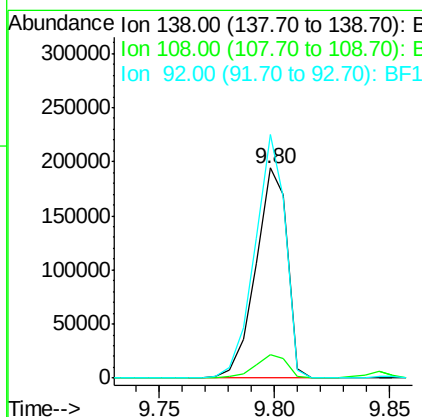
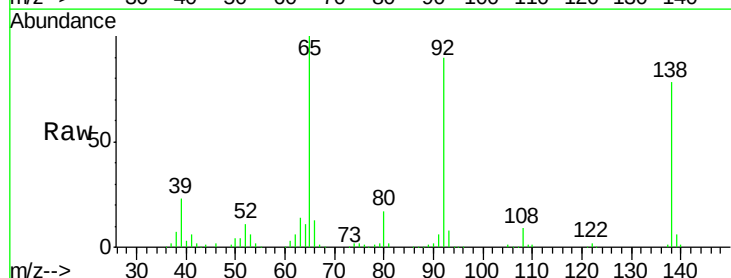
RT: 9.80 min Scan# 1311

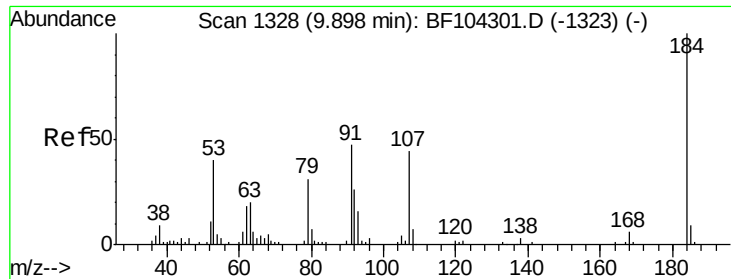
Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tgt Ion:	138	Resp:	184361
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	116.0	89.4	134.2





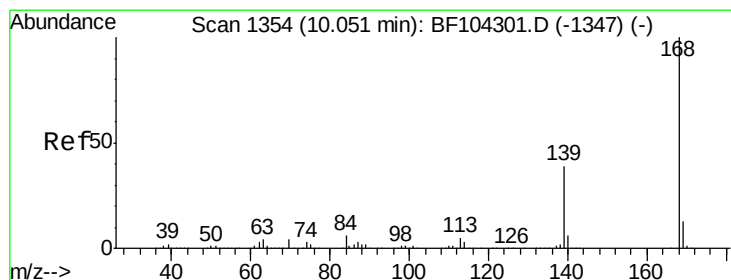
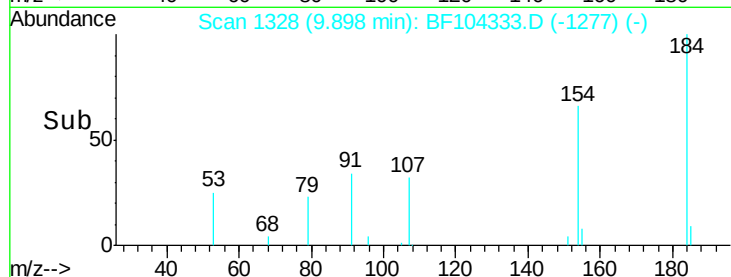
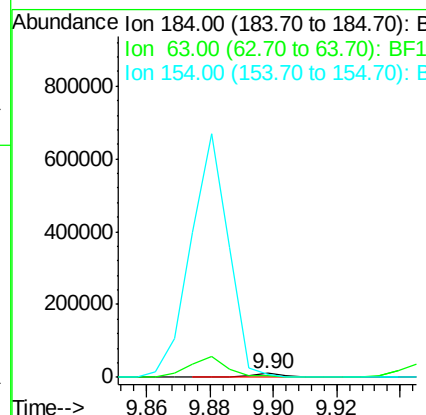
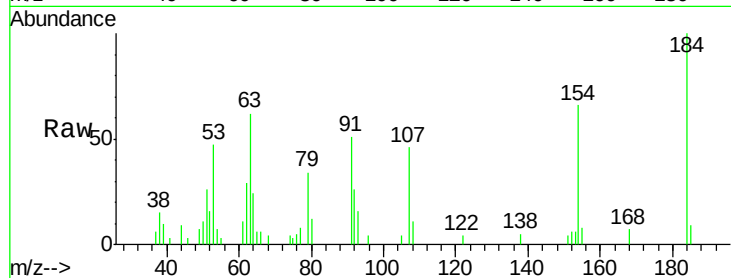
#53
 2,4-Dinitrophenol
 Concen: 12.709 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.8	54.2	81.2
154	66.2	184.0	276.0#

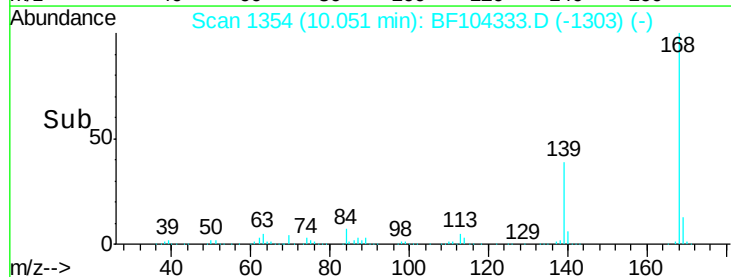
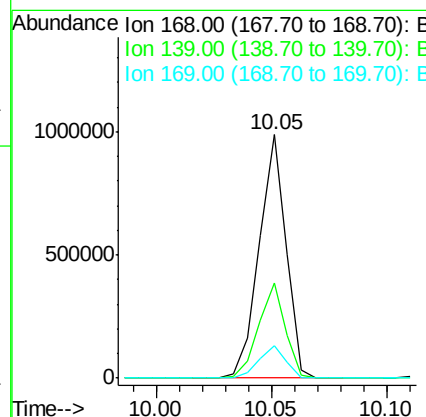
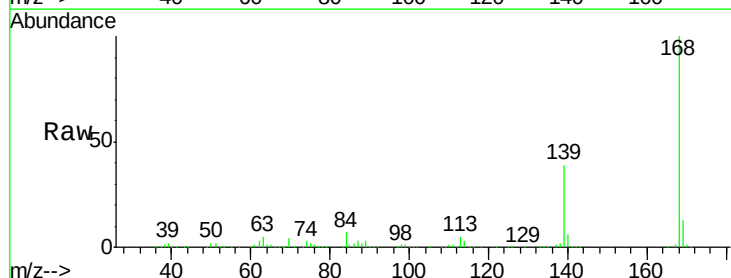
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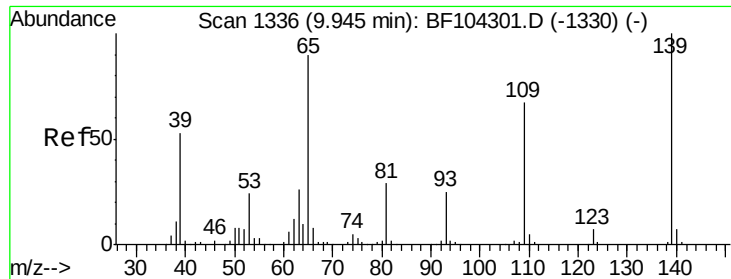
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#54
 Dibenzofuran
 Concen: 37.496 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	13.3	10.9	16.3





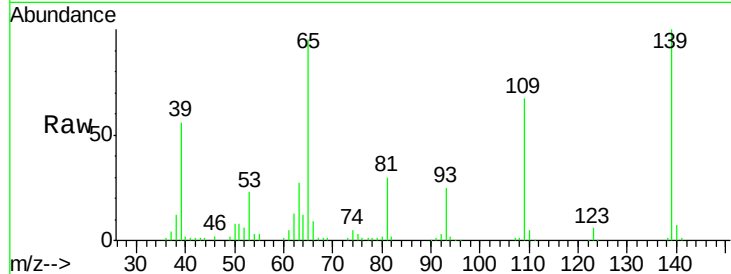
#55
4-Nitrophenol
Concen: 35.932 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	117199		
109	66.8	48.4	88.4	
65	95.0	72.6	112.6	

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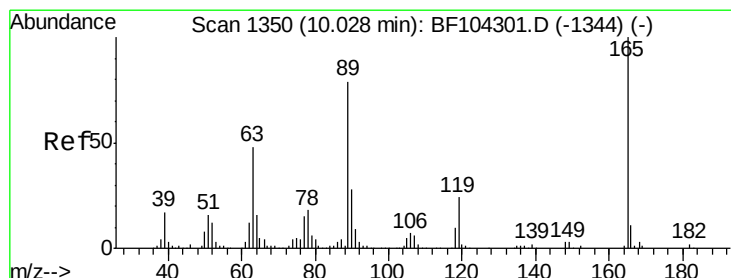
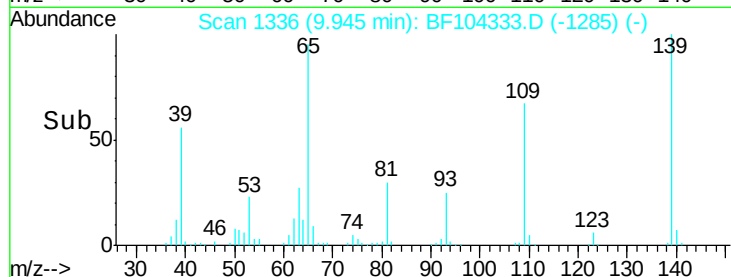
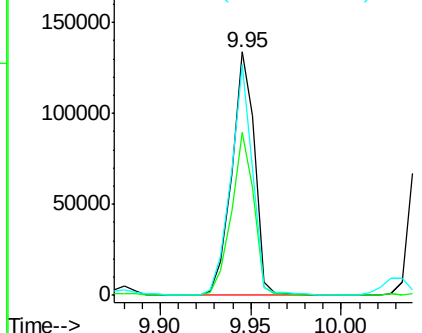


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 41.016 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190821		
63	38.5	36.4	54.6	
89	65.5	57.8	86.6	
182	2.3	1.6	2.4	

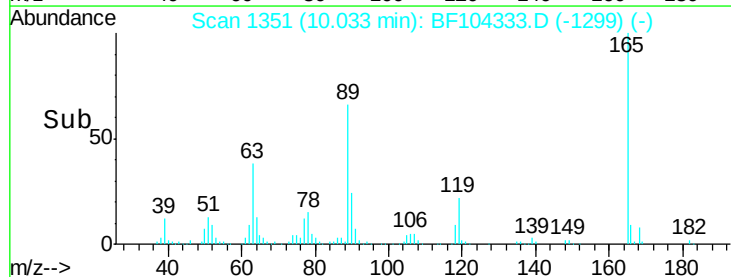
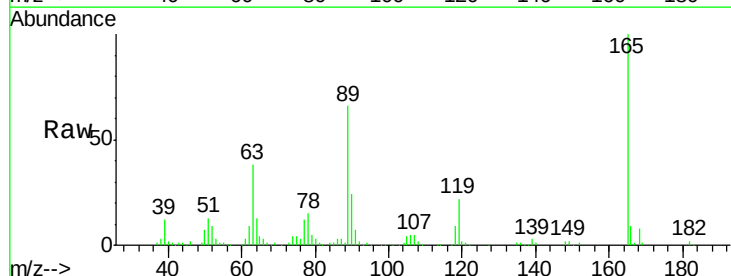
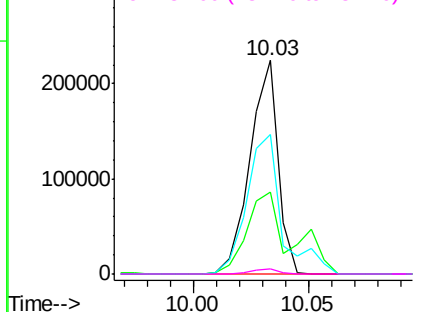
Abundance

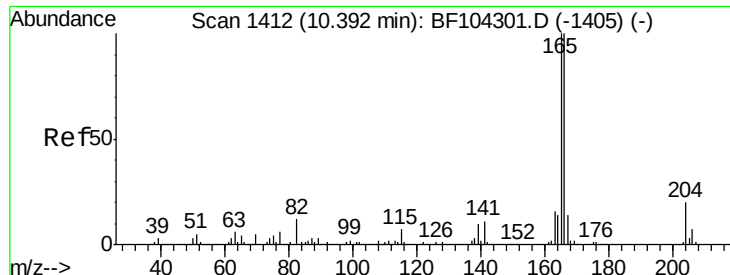
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.411 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

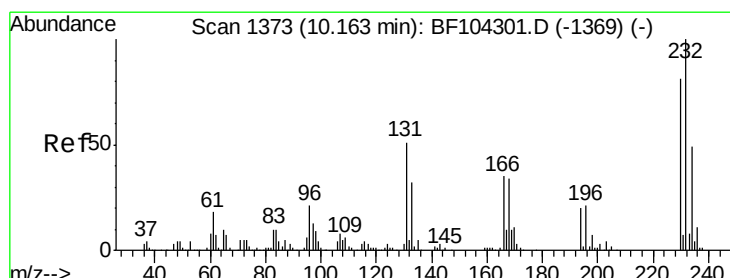
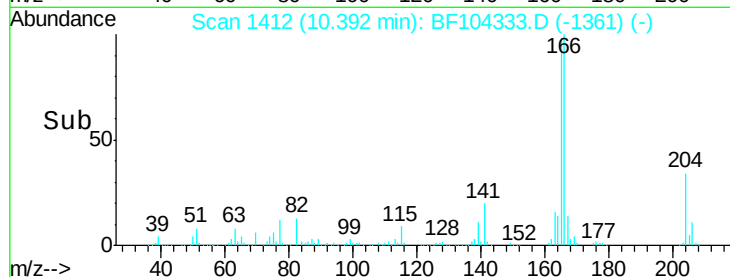
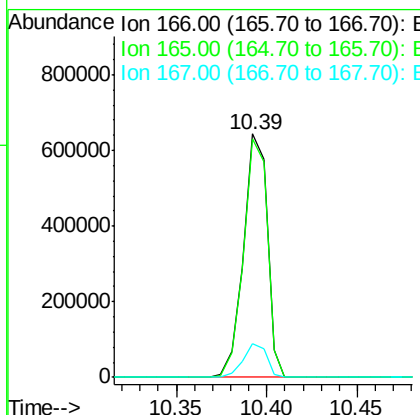
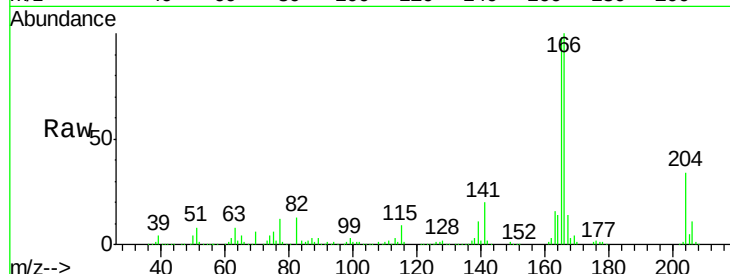
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	585915
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.8	119.8
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.368 ng

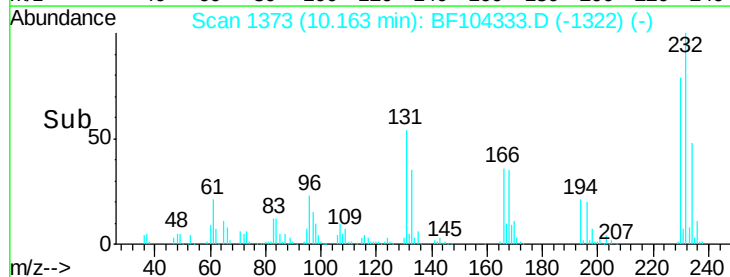
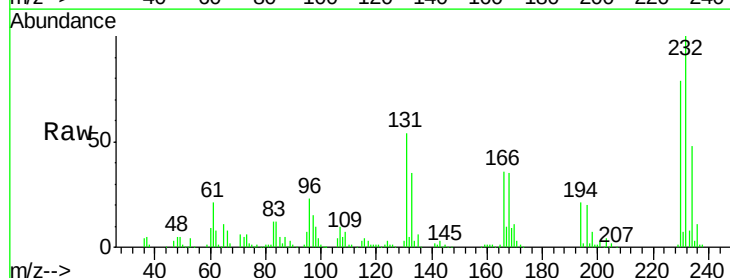
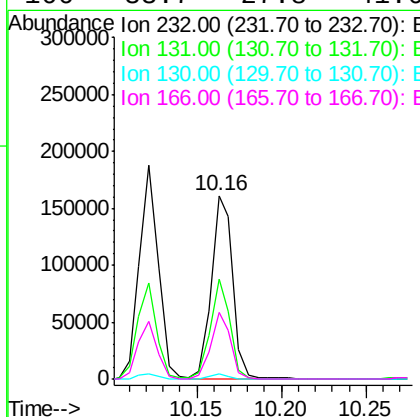
RT: 10.16 min Scan# 1373

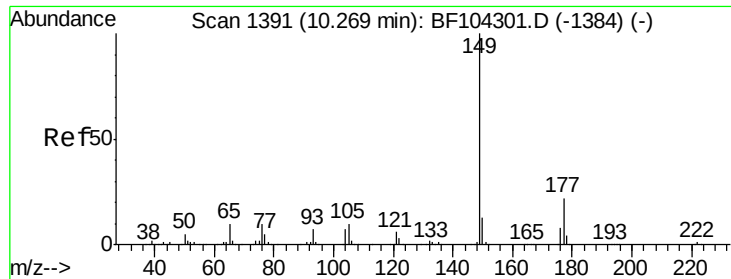
Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tgt Ion:	232	Resp:	142621
Ion Ratio	Lower	Upper	
232	100		
131	50.3	43.8	65.8
130	2.4	2.1	3.1
166	33.7	27.8	41.6





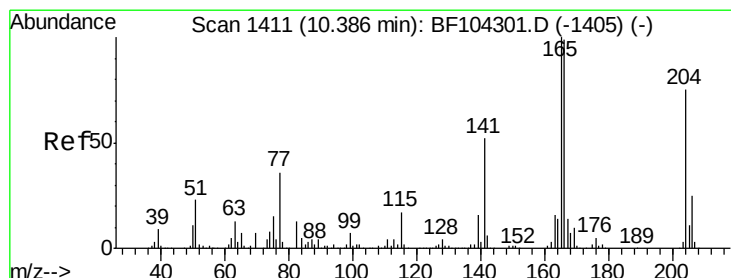
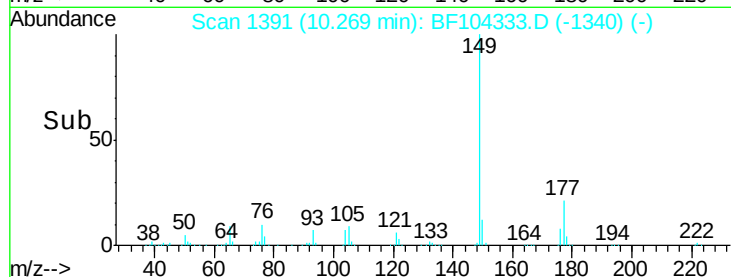
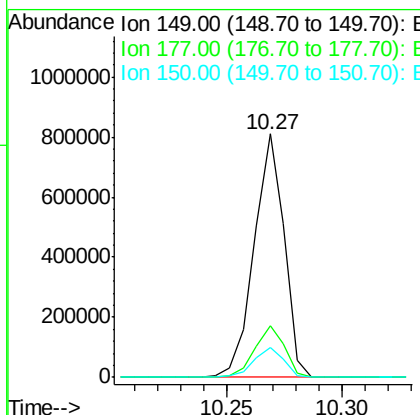
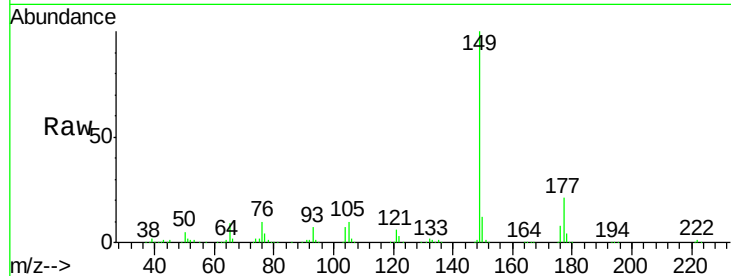
#59
Diethylphthalate
Concen: 38.512 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.4	10.1	15.1

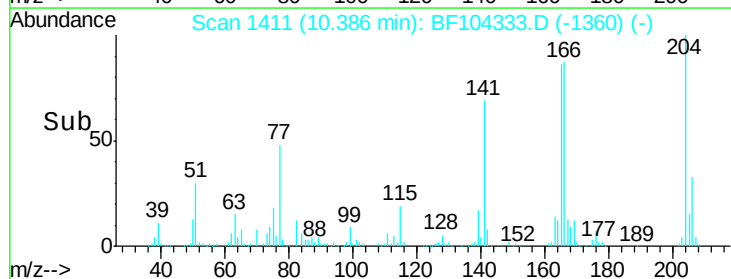
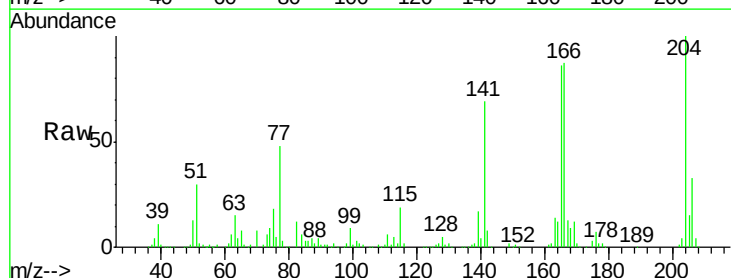
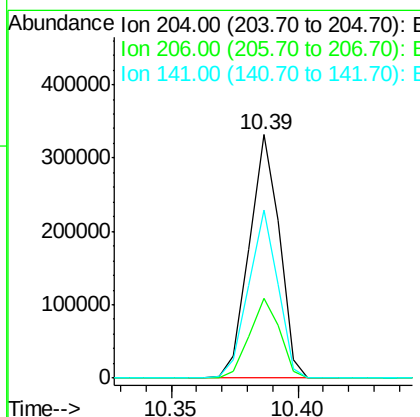
Manual Integrations
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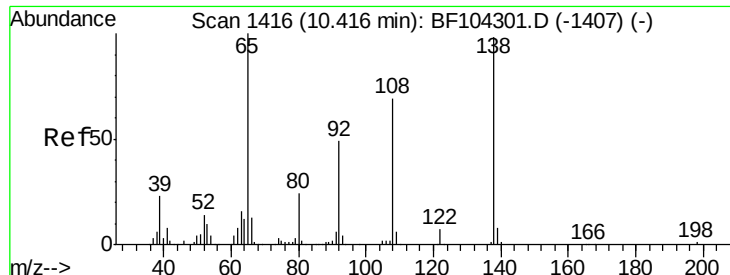
Sohil
4/9/2018 11:18:50 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.507 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	68.9	54.6	81.8





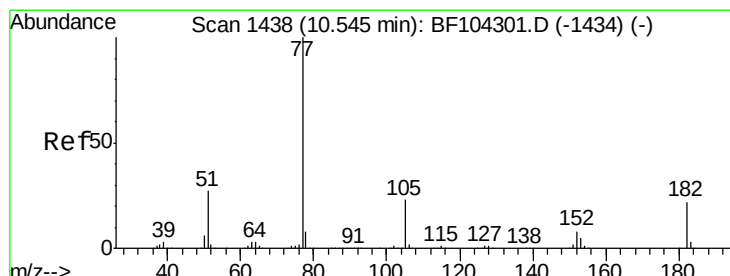
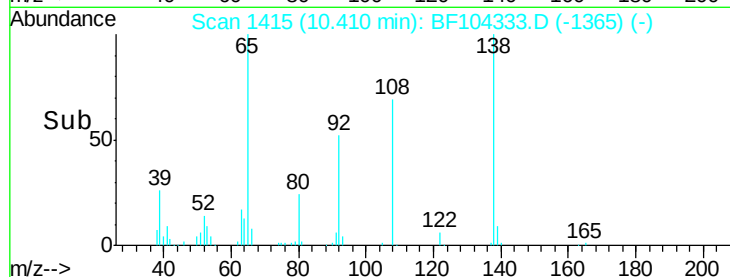
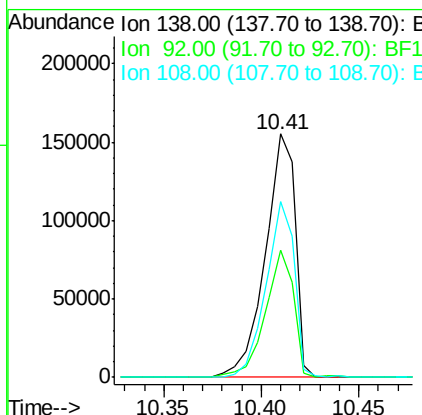
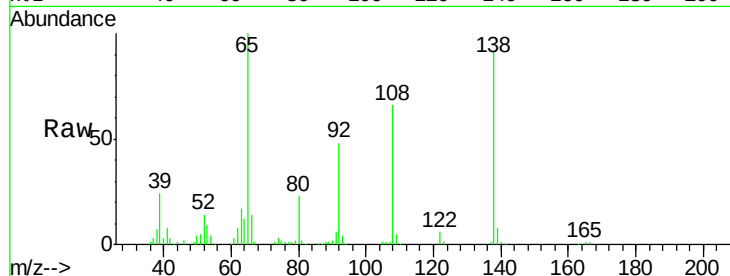
#61
4-Nitroaniline
Concen: 40.670 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.2	30.2	70.2
108	72.4	52.5	92.5

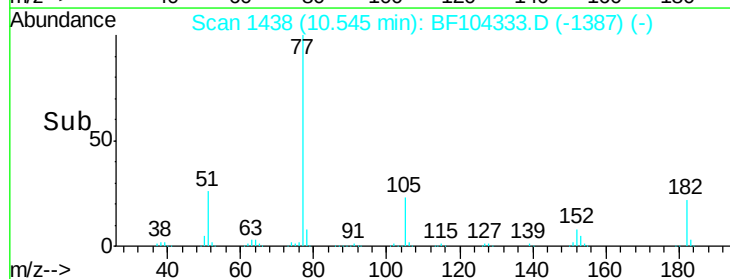
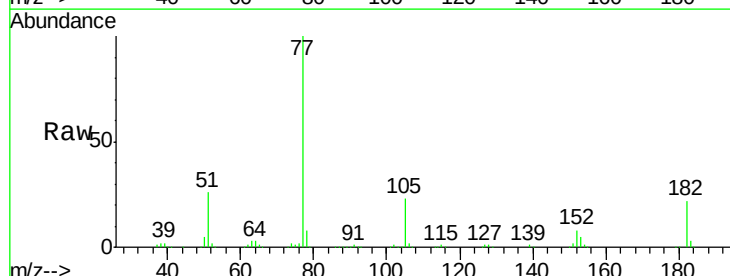
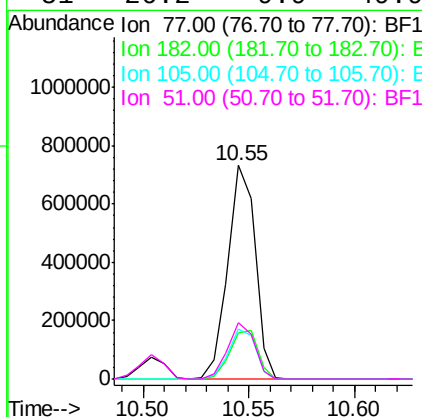
Manual Integrations
APPROVED

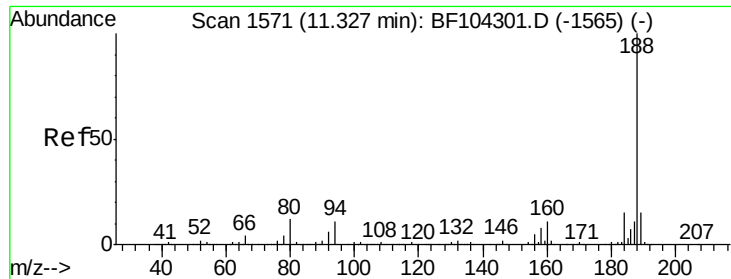
Sohil
4/9/2018 11:18:50 AM



#62
Azobenzene
Concen: 35.923 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.6	1.7	41.7
105	23.2	3.0	43.0
51	26.2	9.9	49.9





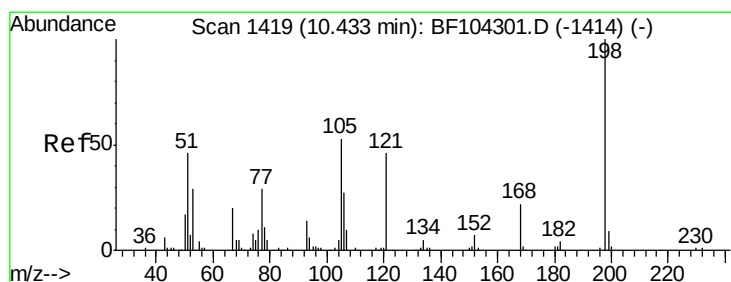
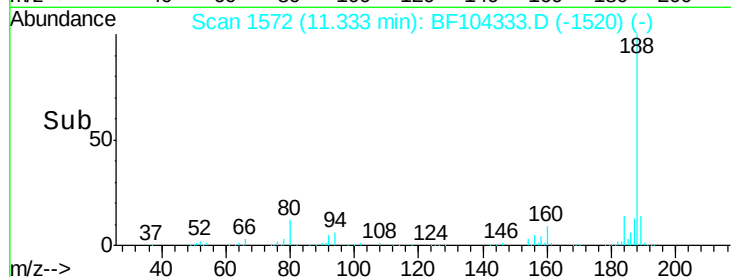
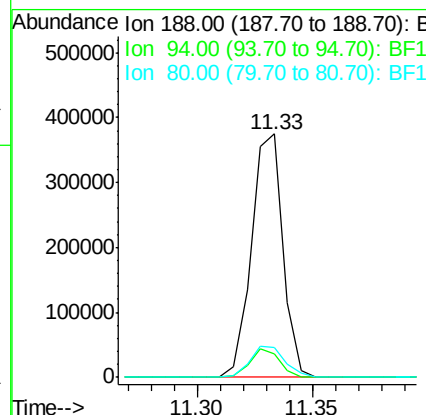
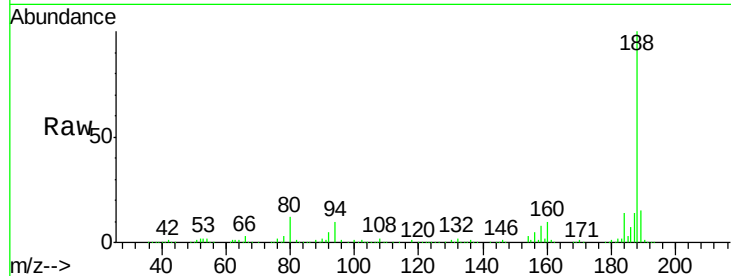
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	8.5	12.7
80	12.1	9.2	13.8

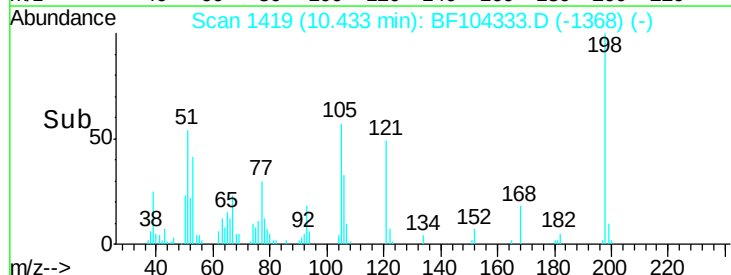
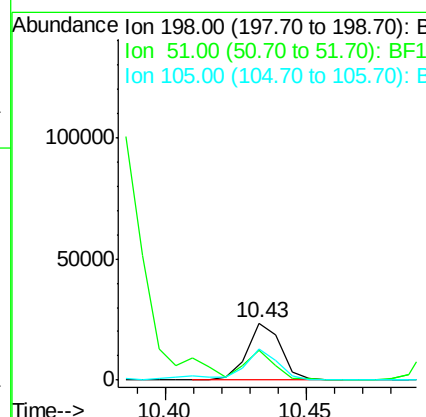
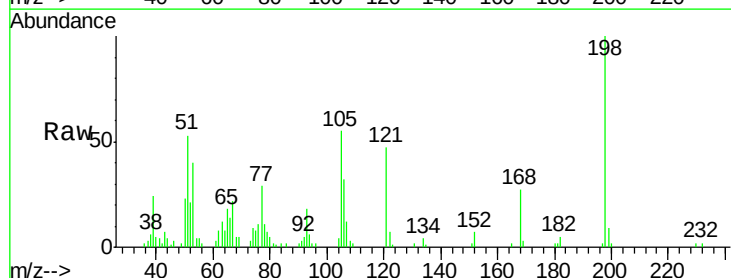
Manual Integrations
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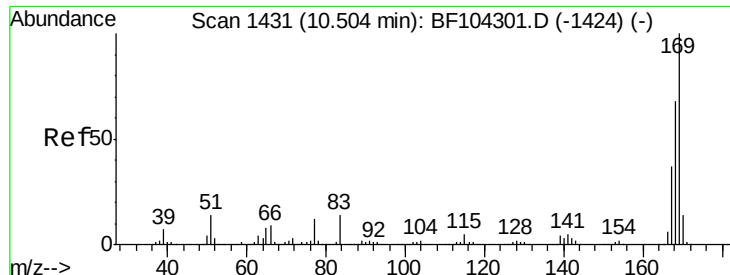
Sohil
4/9/2018 11:18:50 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 16.716 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	52.5	37.7	77.7
105	55.4	36.3	76.3





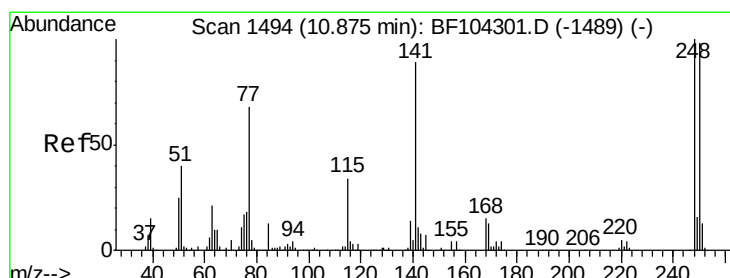
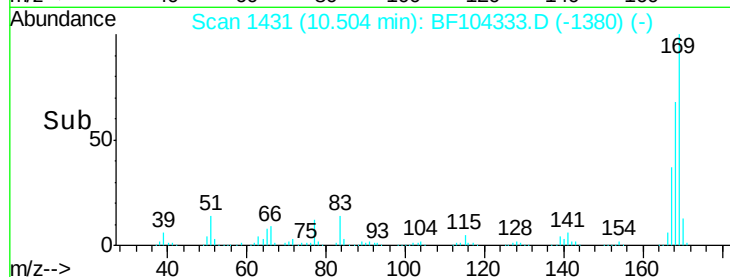
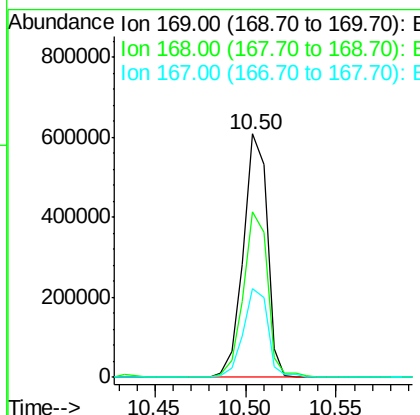
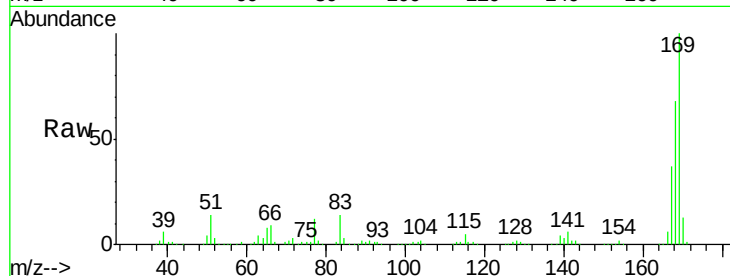
#65
 n-Nitrosodiphenylamine
 Concen: 45.135 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	557335		
168	68.0		54.4	81.6
167	36.7		29.8	44.6

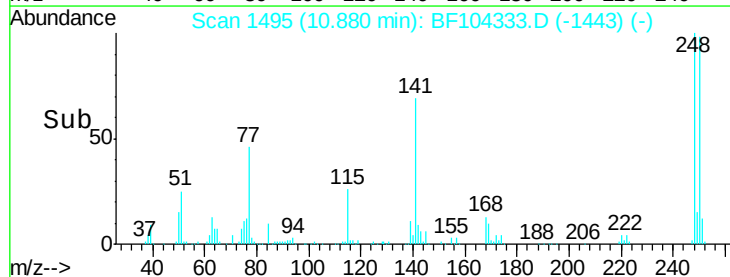
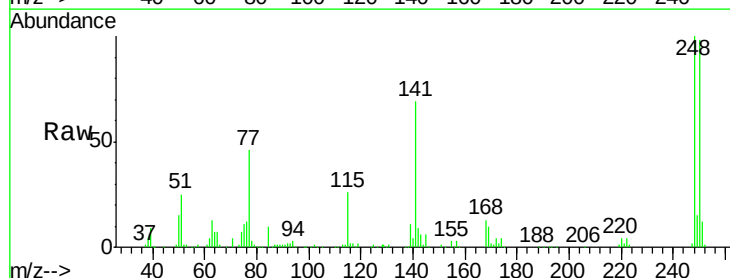
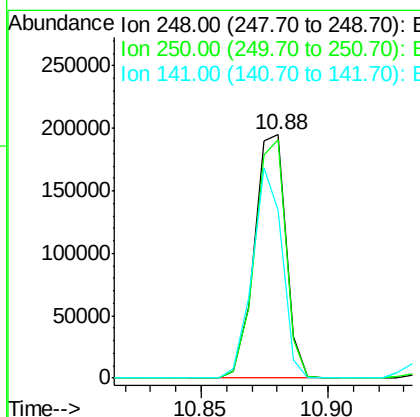
Manual Integrations
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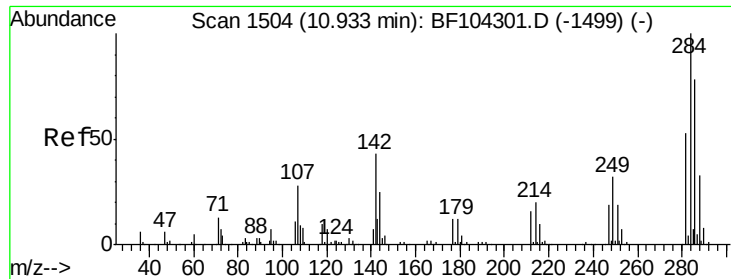
Sohil
 4/9/2018 11:18:50 AM



#66
 4-Bromophenyl-phenylether
 Concen: 44.944 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	170256		
250	97.9		76.9	115.3
141	69.2		74.4	111.6#





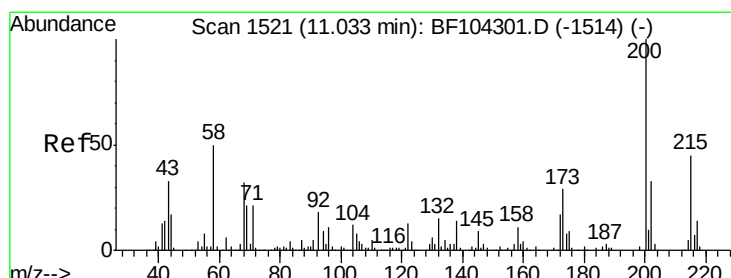
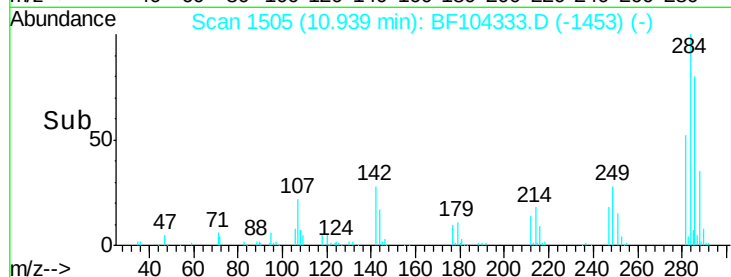
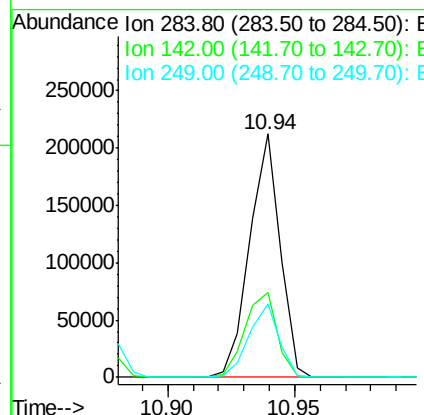
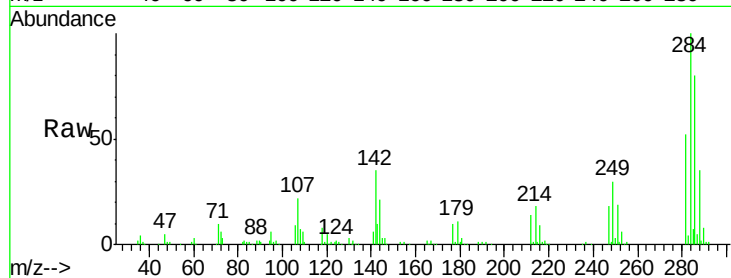
#67
Hexachlorobenzene
Concen: 41.543 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	177076		
142	34.9		34.6	52.0
249	30.3		24.8	37.2

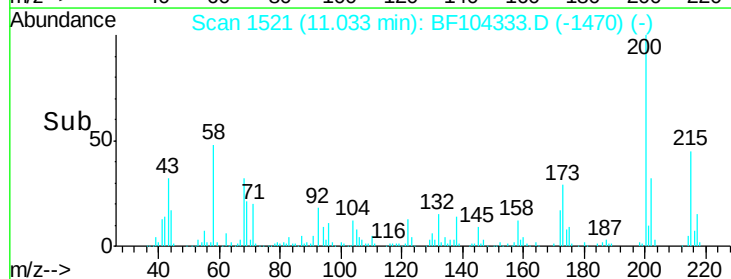
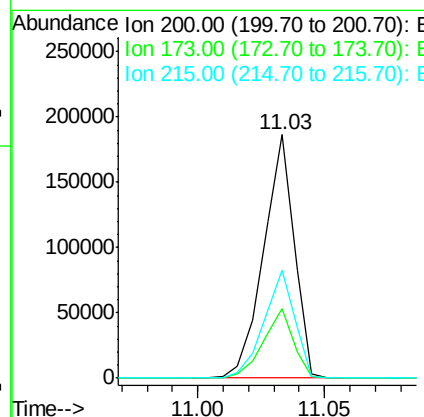
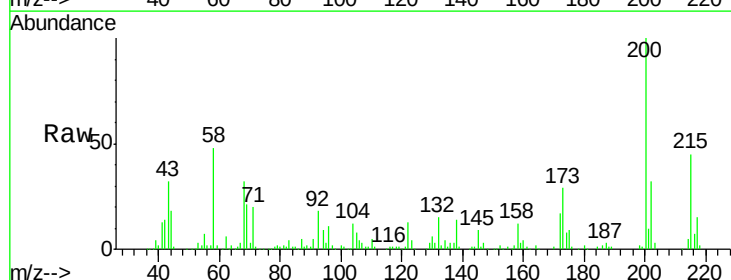
Manual Integrations
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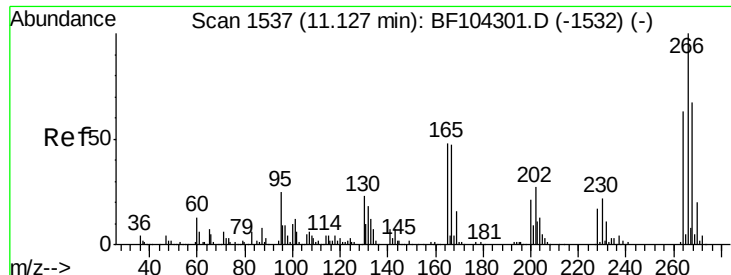
Sohil
4/9/2018 11:18:50 AM



#68
Atrazine
Concen: 42.329 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	157772		
173	28.5		8.6	48.6
215	44.6		25.1	65.1





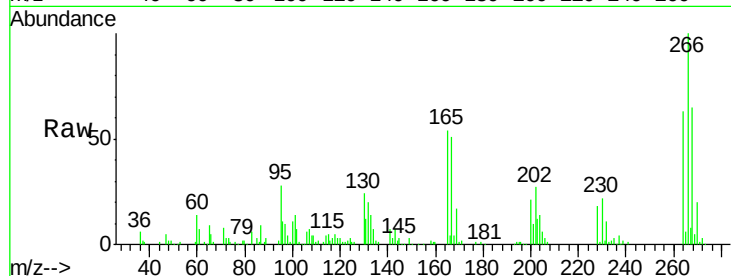
#69
 Pentachlorophenol
 Concen: 36.309 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

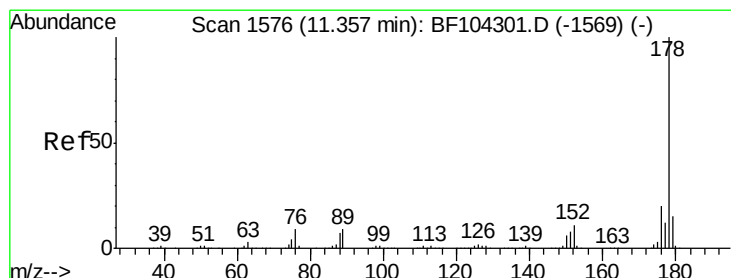
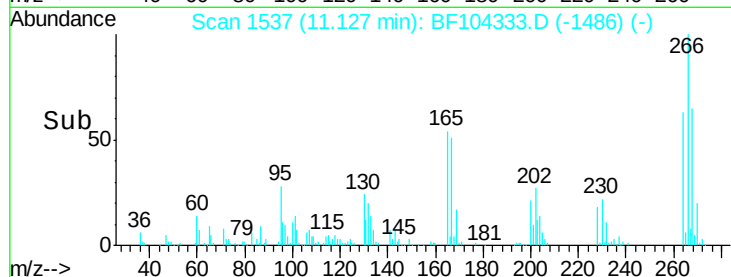
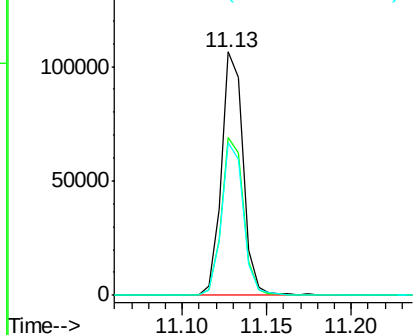
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	62.7	49.5	74.3

Manual Integrations
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Sohil
 4/9/2018 11:18:50 AM

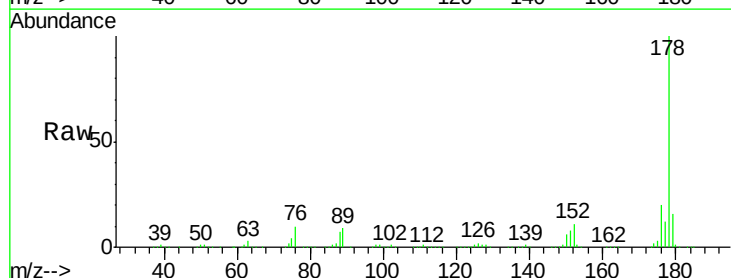


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

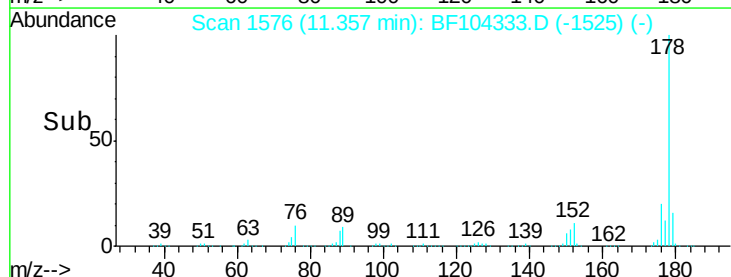
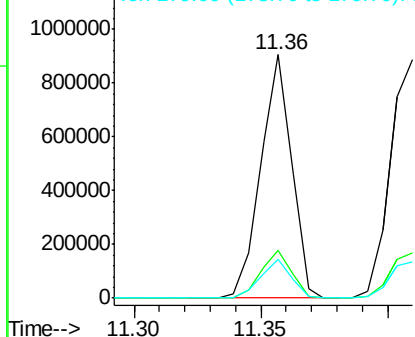


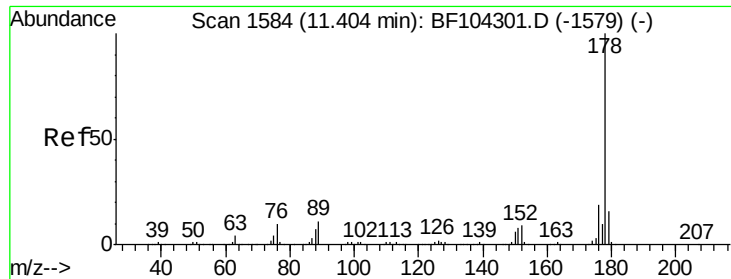
#70
 Phenanthrene
 Concen: 38.608 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	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





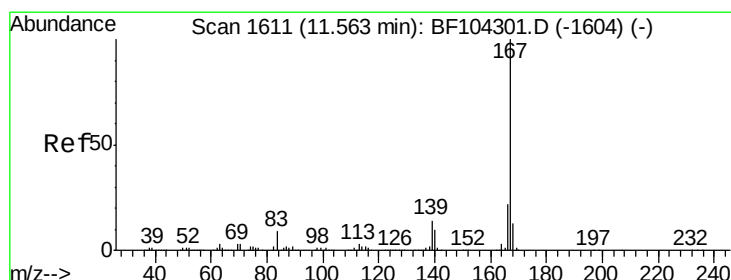
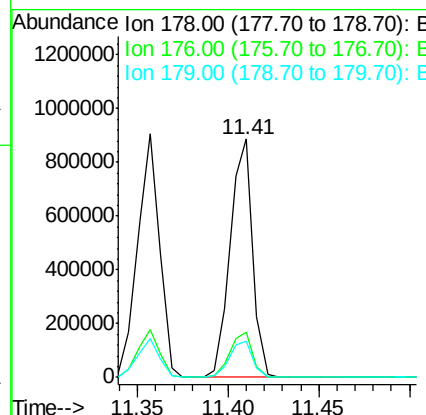
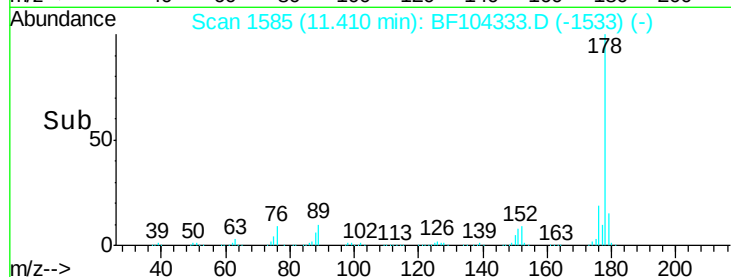
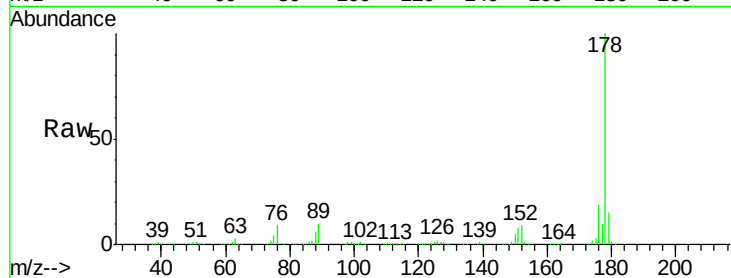
#71
 Anthracene
 Concen: 37.749 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.6	19.0

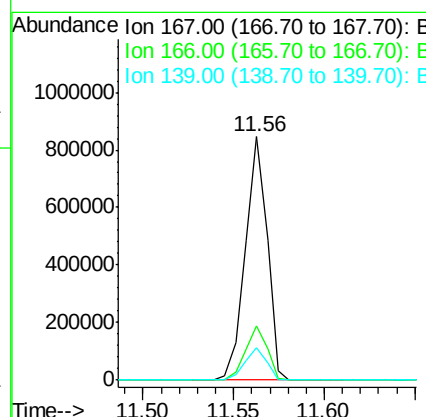
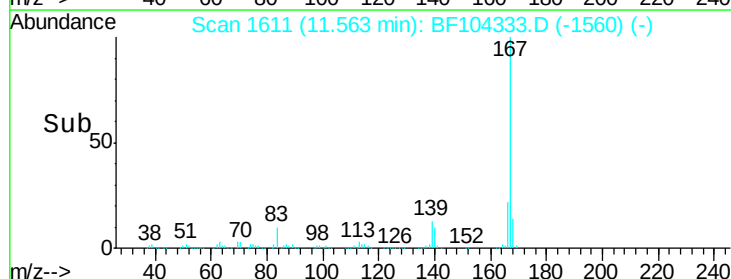
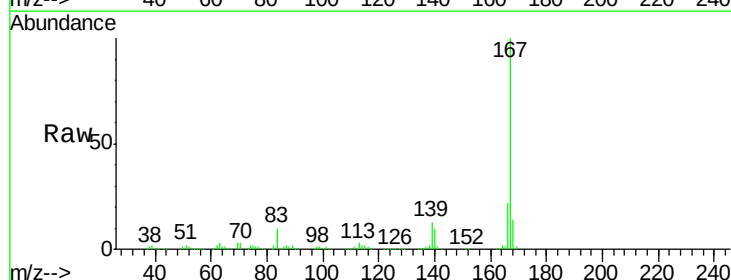
Manual Integrations
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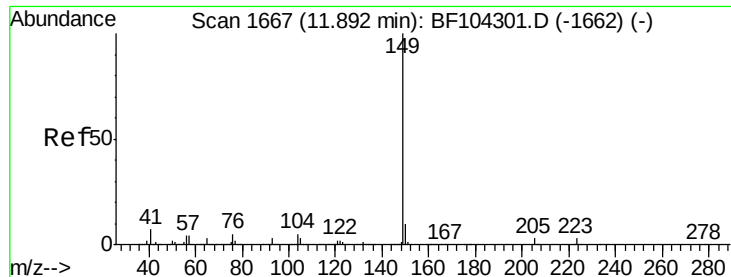
Sohil
 4/9/2018 11:18:50 AM



#72
 Carbazole
 Concen: 35.851 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.713 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1003827

Ion Ratio Lower Upper

149 100

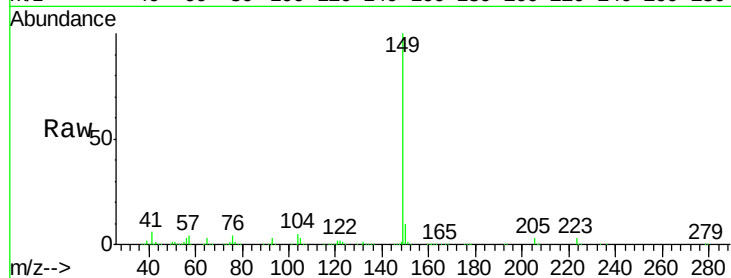
150 9.6 7.8 11.6

104 4.7 3.8 5.8

Manual Integrations
APPROVED

Sohil

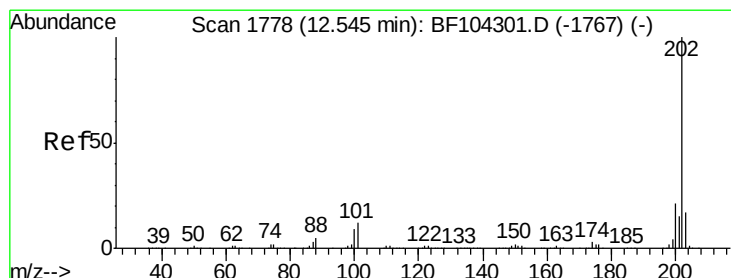
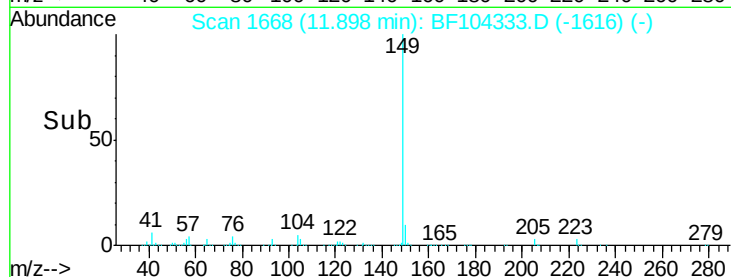
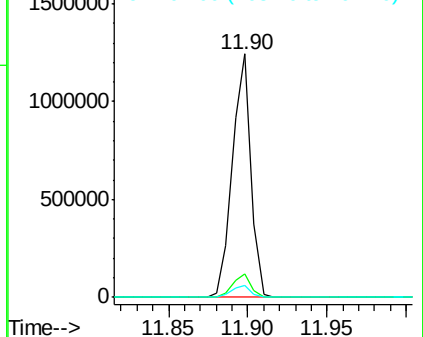
4/9/2018 11:18:50 AM



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: 32.129 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

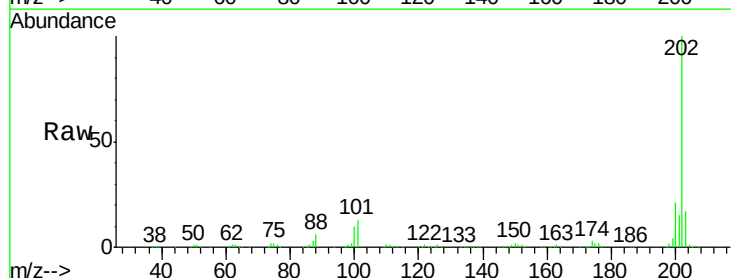
Tgt Ion:202 Resp: 665775

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

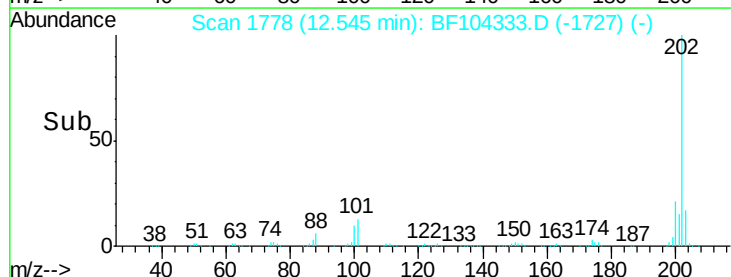
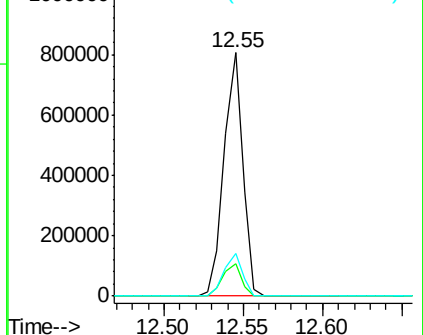
203 17.5 0.0 38.1

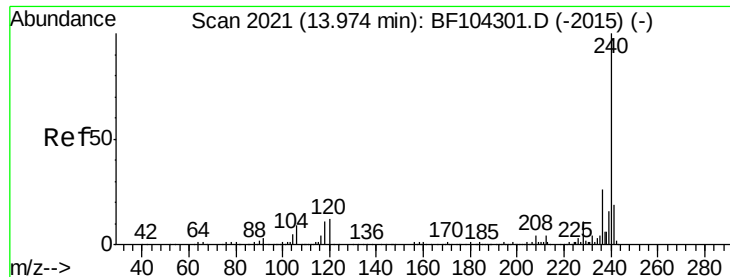


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Instrument :

BNA_F

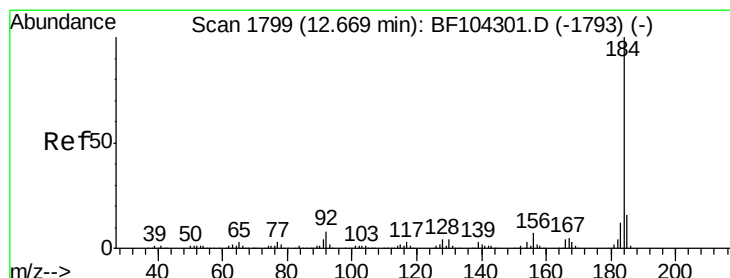
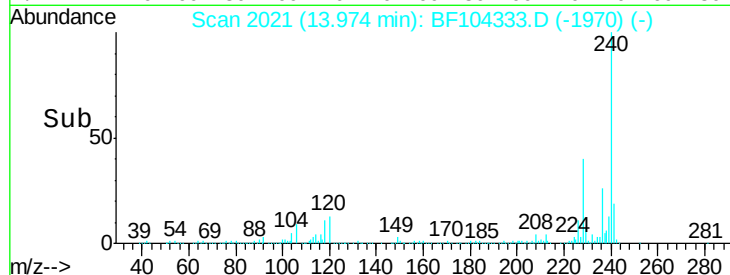
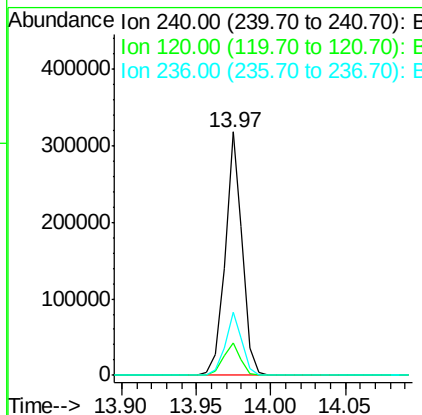
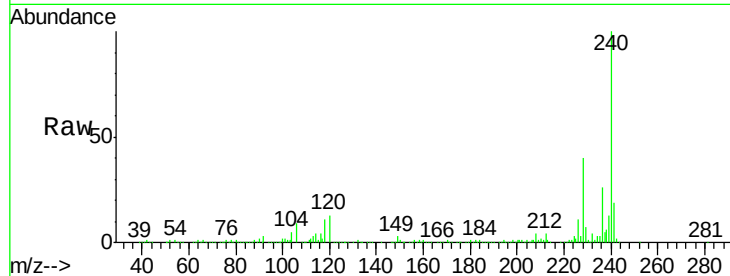
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	256176
Ion Ratio		Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.8	20.7	31.1

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4/9/2018 11:18:50 AM



#76

Benzidine

Concen: 37.955 ng

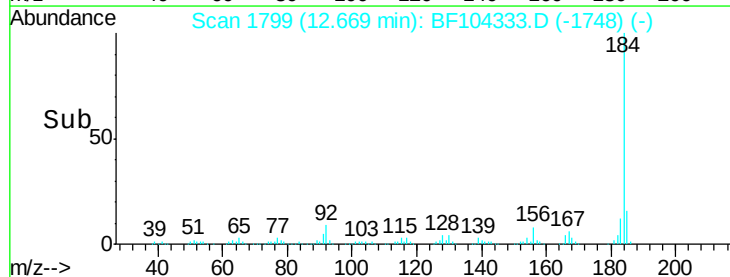
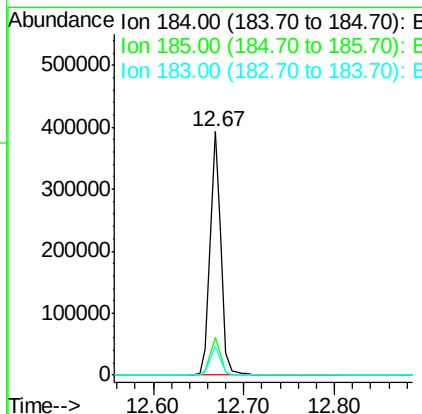
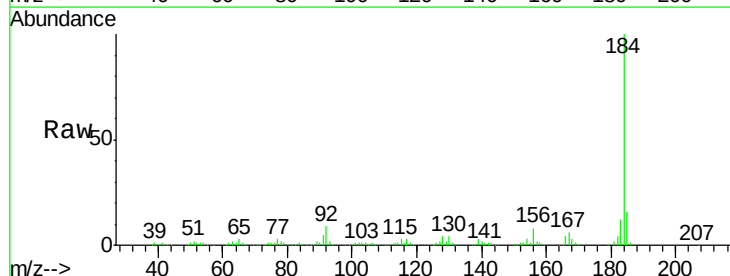
RT: 12.67 min Scan# 1799

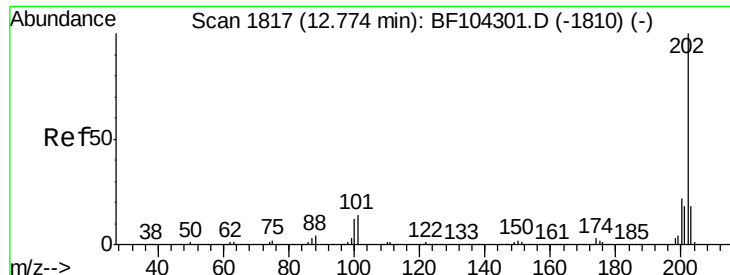
Delta R.T. 0.00 min

Lab File: BF104333.D

Acq: 7 Apr 2018 3:40

Tgt Ion:	184	Resp:	334439
Ion Ratio		Lower	Upper
184	100		
185	15.5	12.6	18.8
183	11.6	9.3	13.9





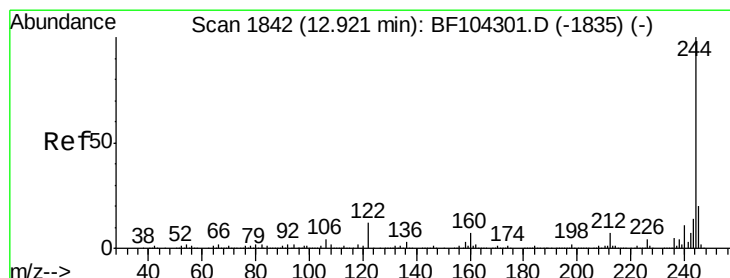
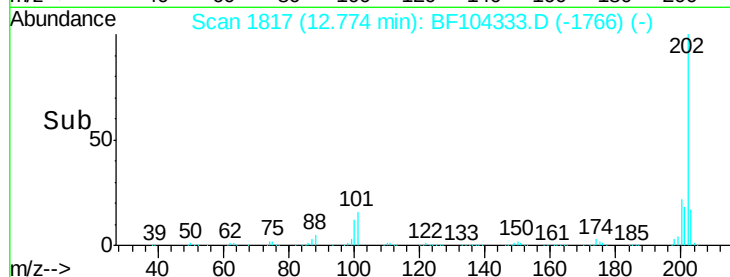
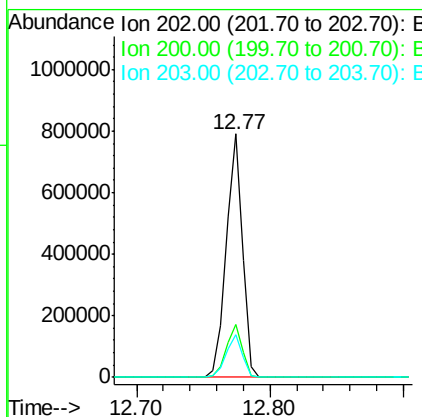
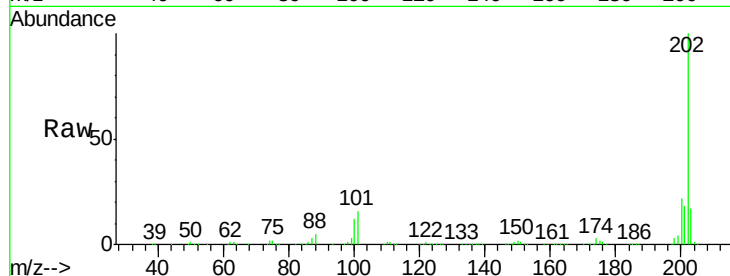
#77
 Pvrene
 Concen: 35.741 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

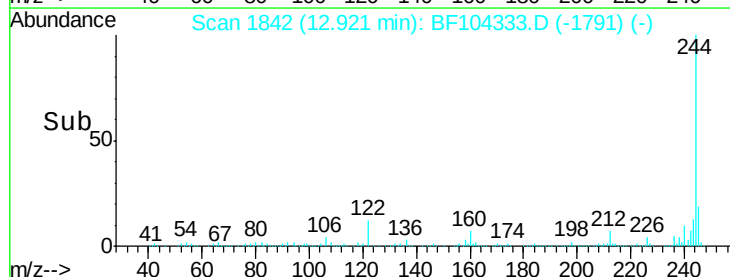
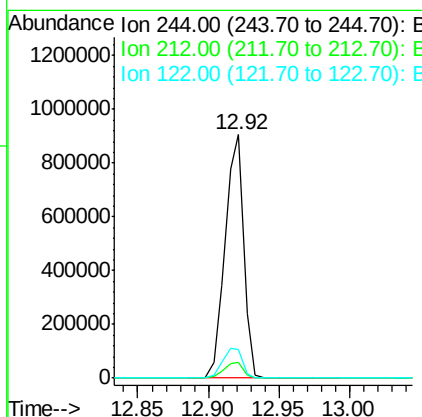
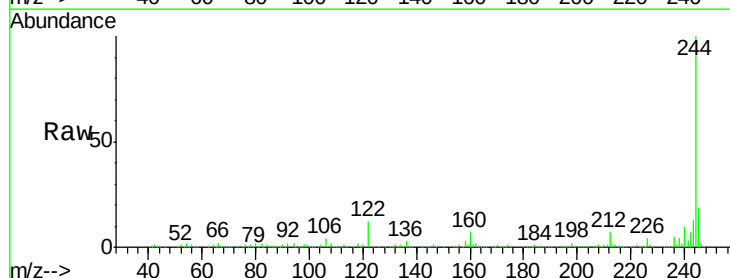
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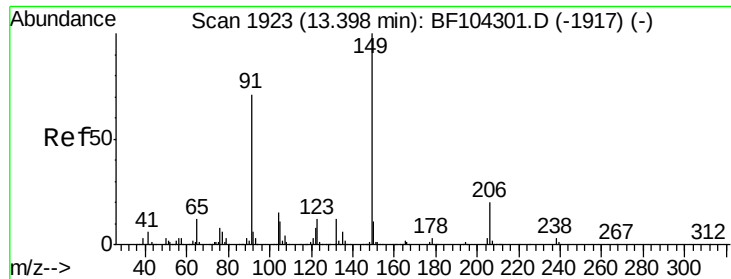
Sohil
 4/9/2018 11:18:50 AM



#78
 Terphenyl-d14
 Concen: 73.717 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.7	11.0	16.4





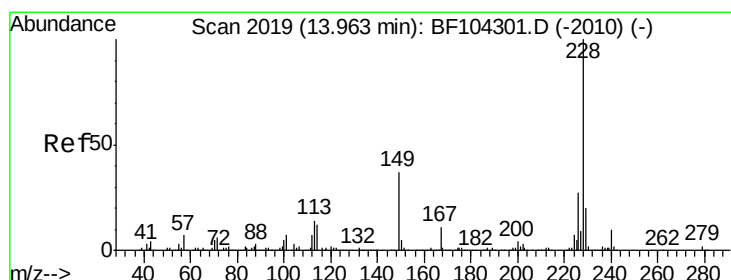
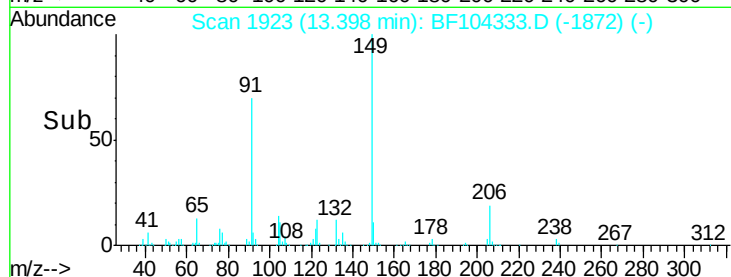
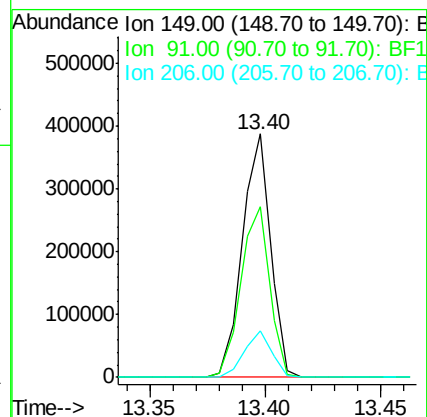
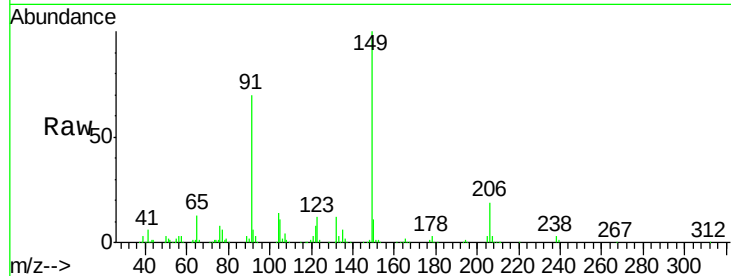
#79
Butylbenzylphthalate
Concen: 36.990 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	330909		
91	70.1	56.8	85.2	
206	19.2	14.1	21.1	

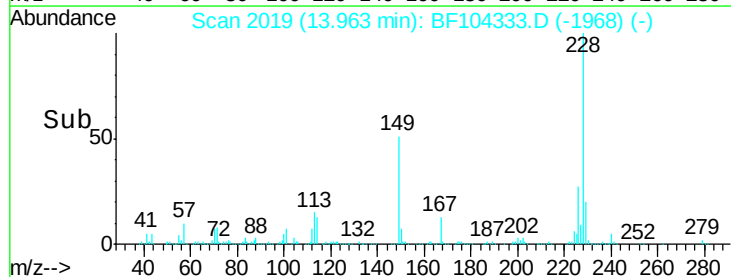
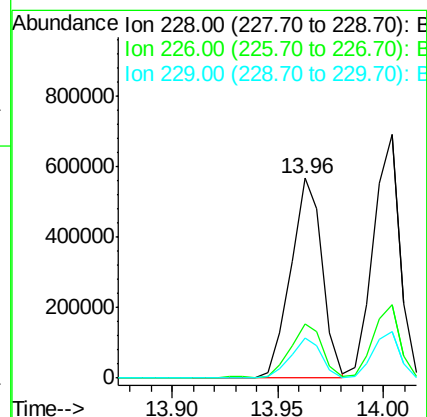
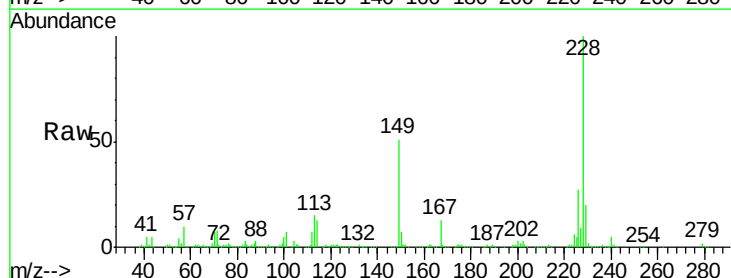
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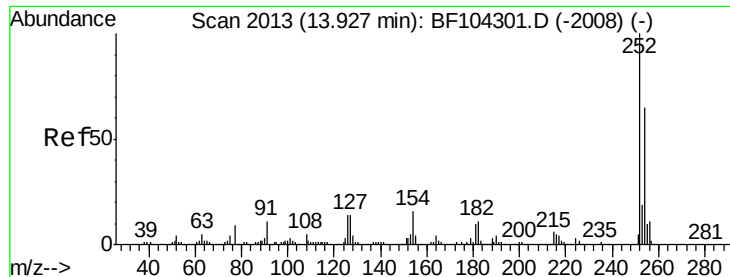
Sohil
4/9/2018 11:18:50 AM



#80
Benzo(a)anthracene
Concen: 38.558 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	590103		
226	27.2	22.6	33.8	
229	20.2	15.8	23.6	





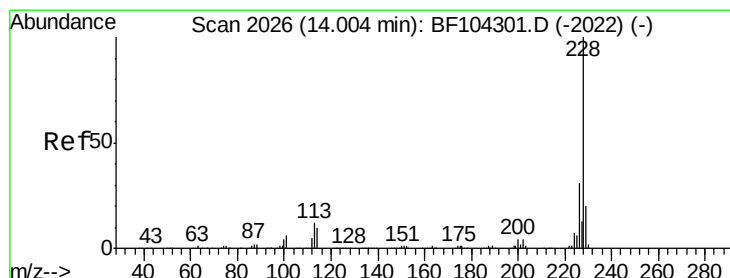
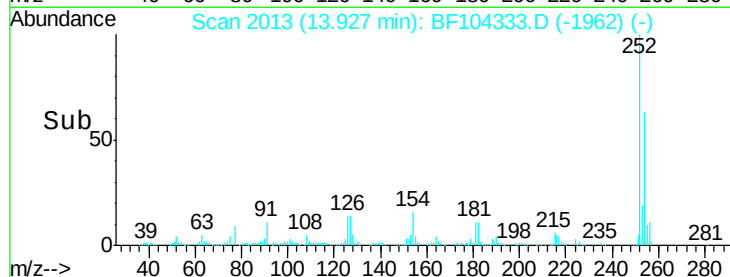
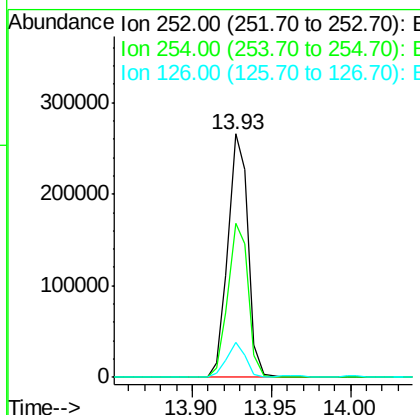
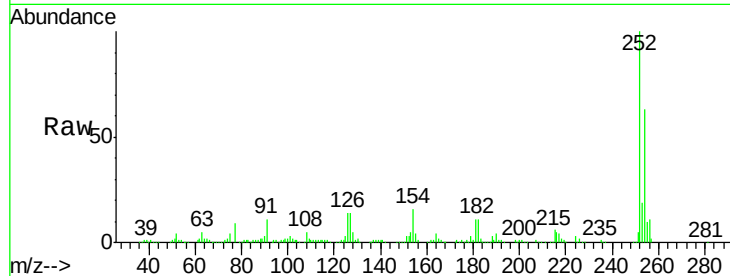
#81
 3,3'-Dichlorobenzidine
 Concen: 41.056 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	234274		
254	63.4	50.4	75.6	
126	14.3	11.3	16.9	

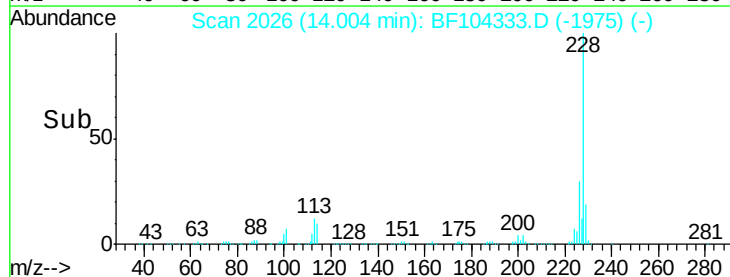
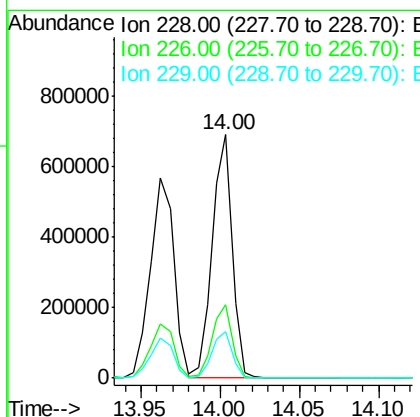
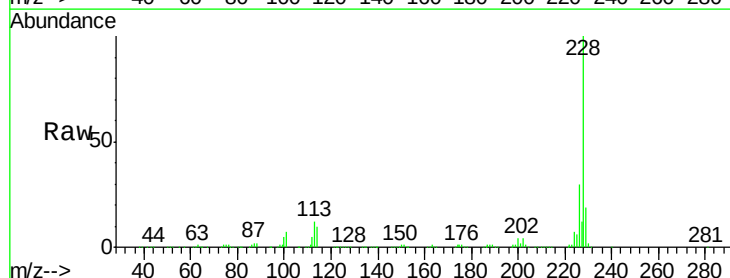
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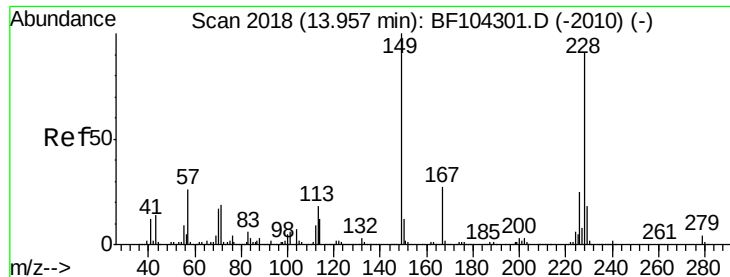
Sohil
 4/9/2018 11:18:50 AM



#82
 Chrysene
 Concen: 38.716 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	608612		
226	30.2	25.0	37.6	
229	19.1	16.2	24.4	





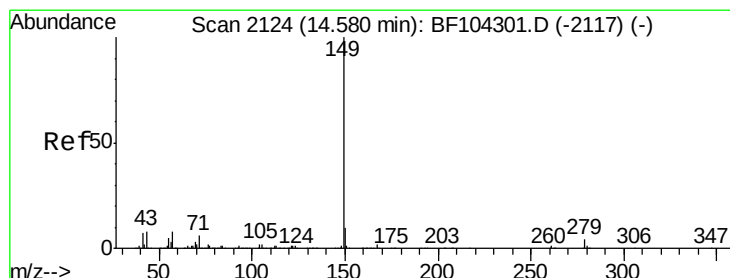
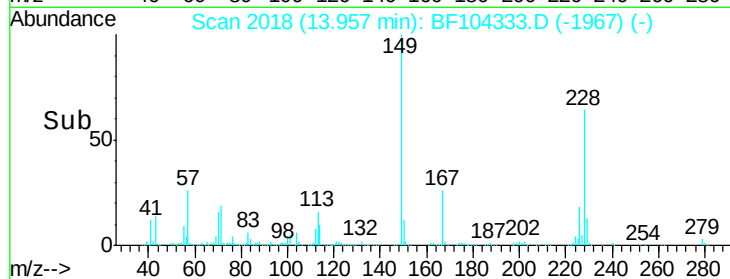
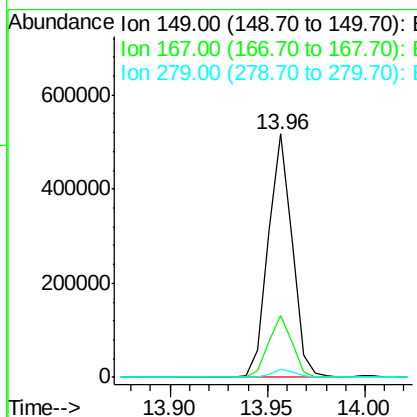
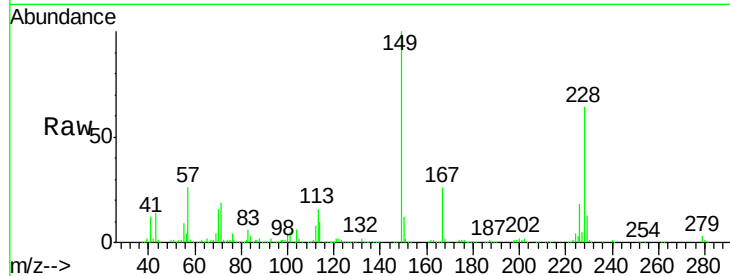
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.177 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	149	Resp:	439284
Ion Ratio		Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.2	3.0	4.4

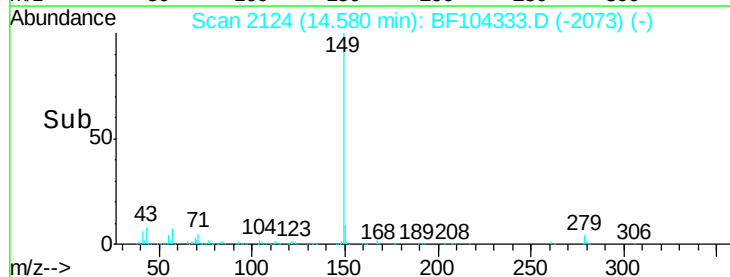
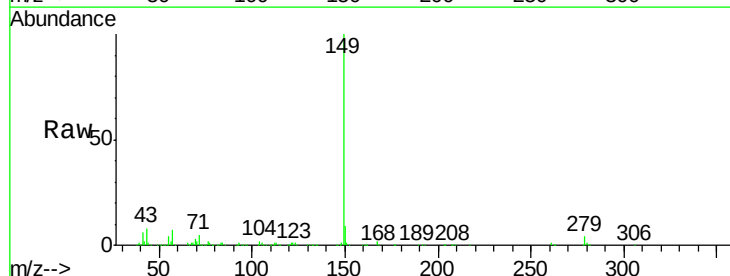
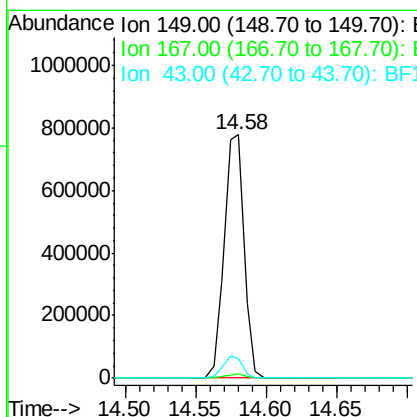
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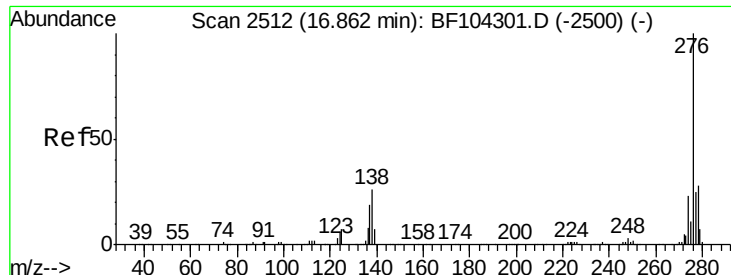
Sohil
 4/9/2018 11:18:50 AM



#84
 Di-n-octyl phthalate
 Concen: 39.688 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Tgt Ion:	149	Resp:	763054
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.4	12.6





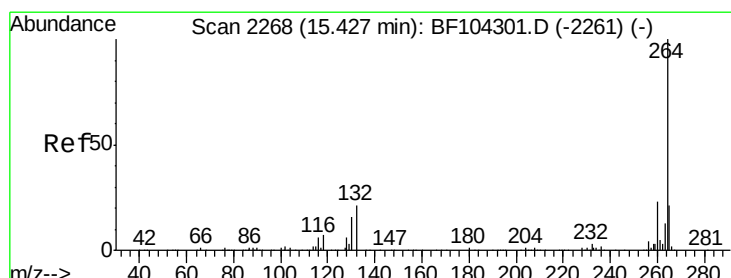
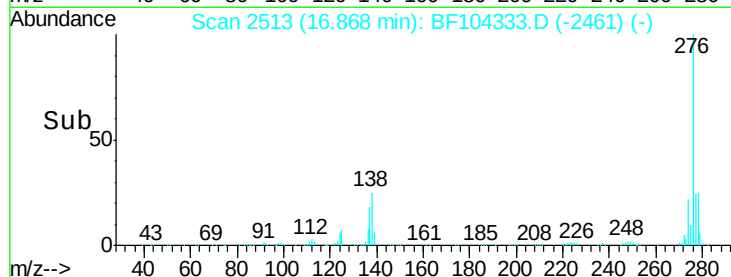
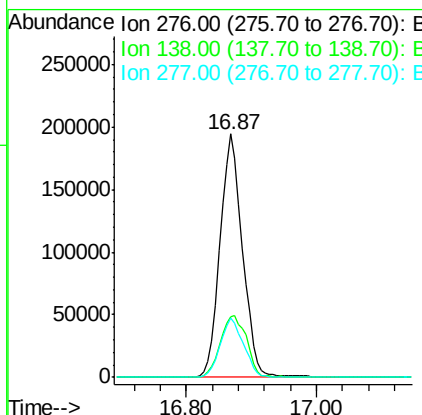
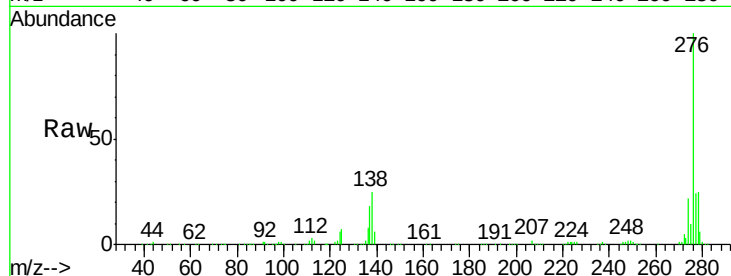
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.828 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	25.5	20.1	30.1

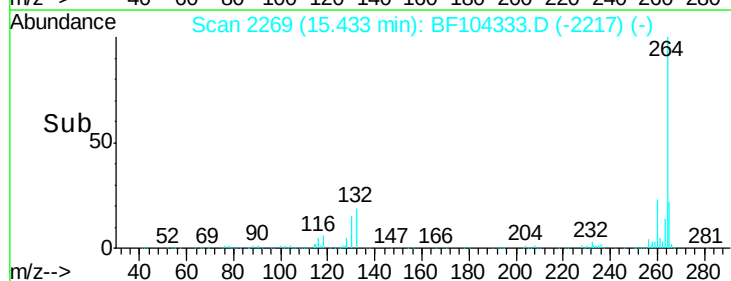
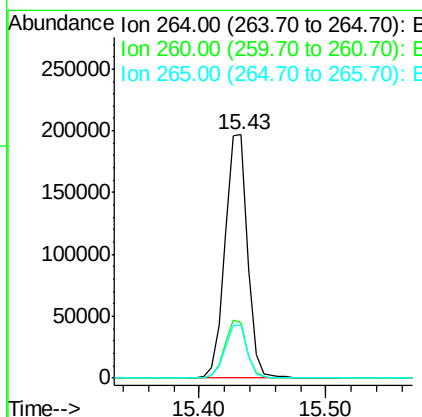
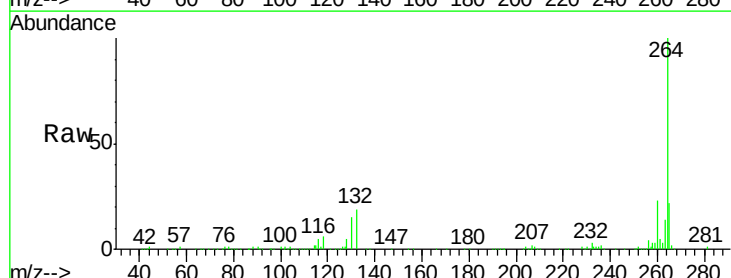
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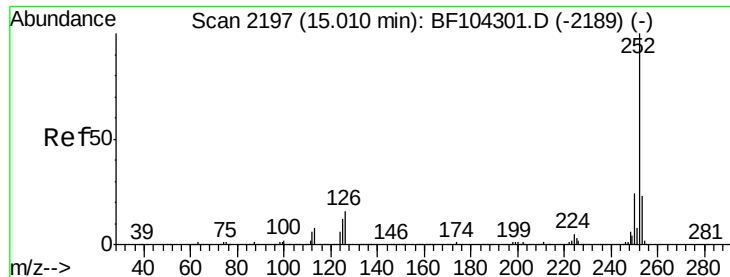
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.5	17.5	26.3





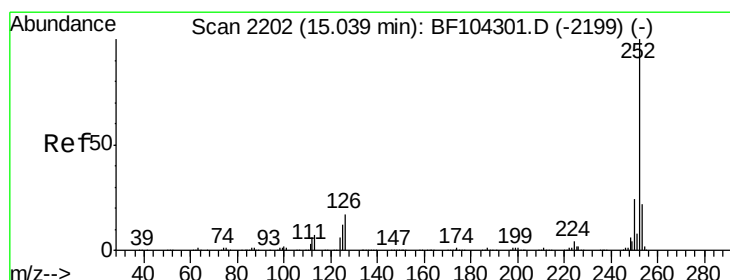
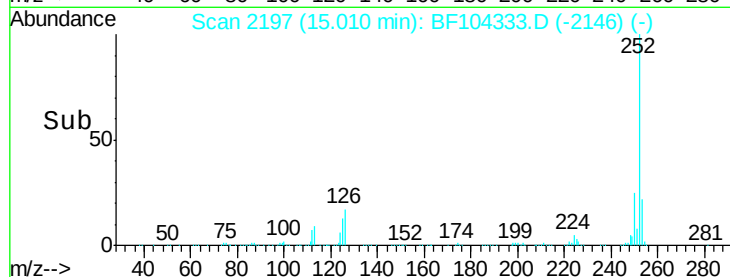
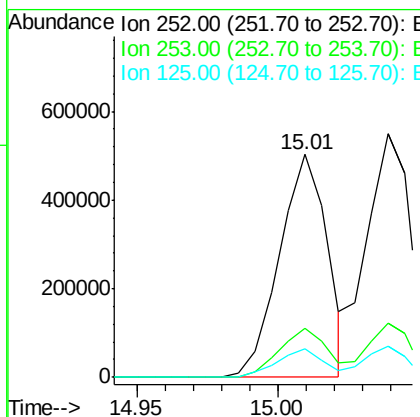
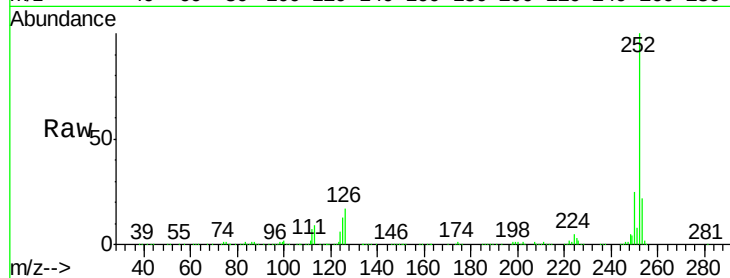
#87
Benzo(b)fluoranthene
Concen: 39.014 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	12.7	9.0	13.6

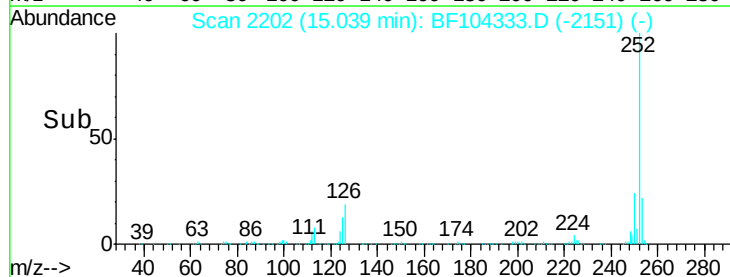
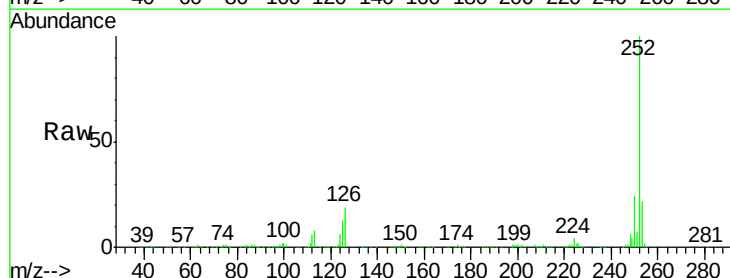
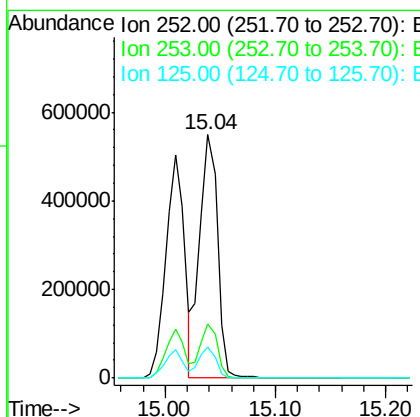
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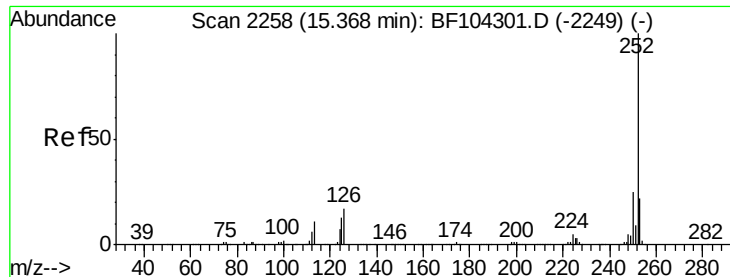
Sohil
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#88
Benzo(k)fluoranthene
Concen: 42.083 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.8	10.2	15.2





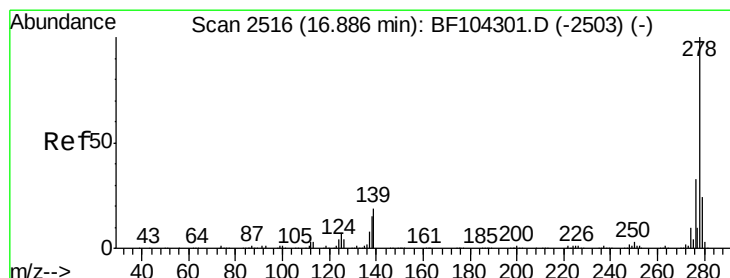
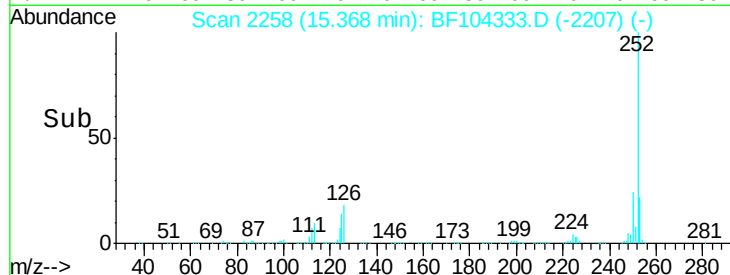
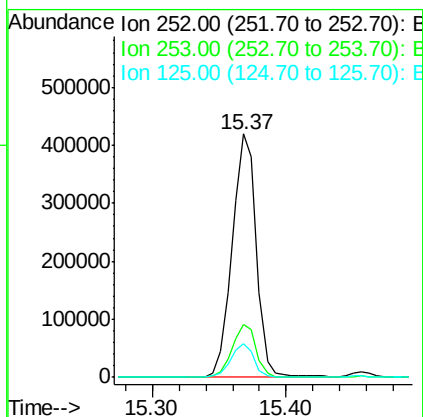
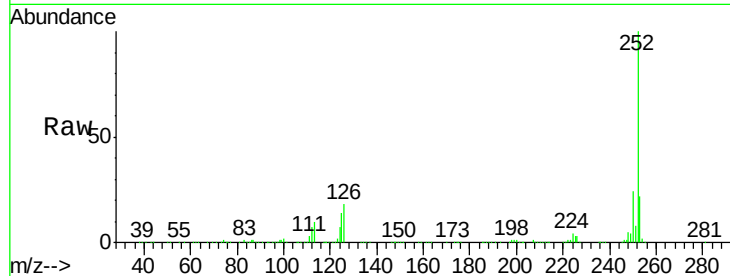
#89
Benzo(a)pyrene
Concen: 39.211 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.8	9.8	14.6

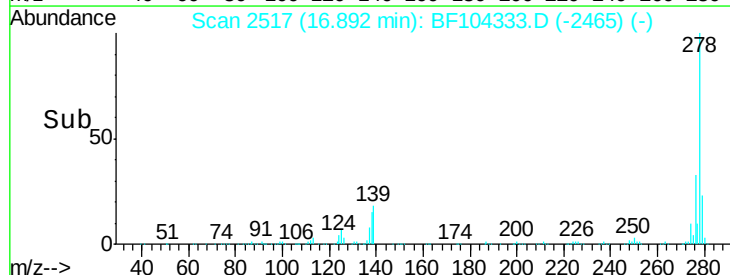
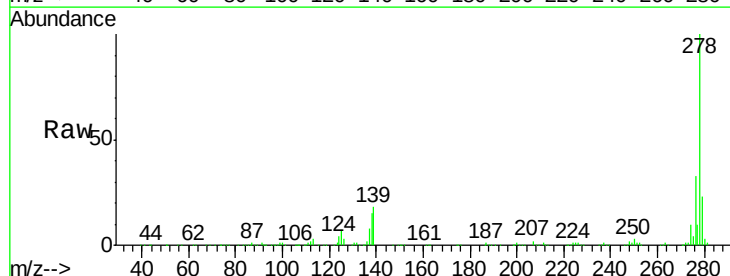
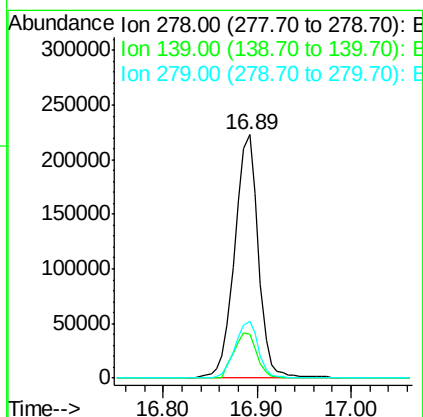
Manual Integrations
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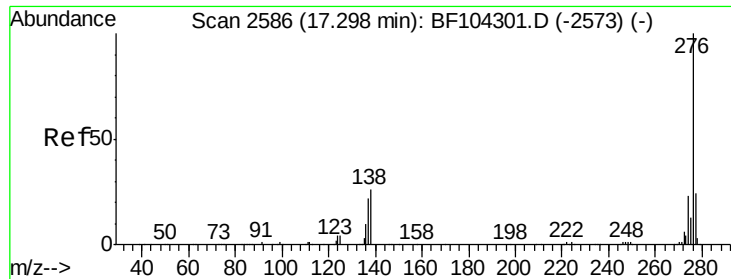
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 35.267 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF104333.D
Acq: 7 Apr 2018 3:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	23.1	19.0	28.4





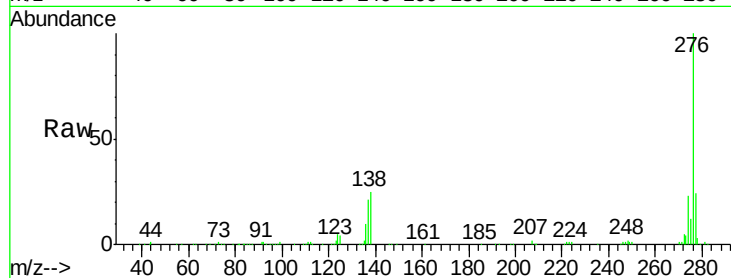
#91
 Benzo(a,h,i)perylene
 Concen: 33.480 ng
 RT: 17.30 min Scan# 2587
 Delta R.T. 0.01 min
 Lab File: BF104333.D
 Acq: 7 Apr 2018 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	24.8	21.8	32.8

Manual Integrations
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 4/9/2018 11:18:50 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

