

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101947.D
 Acq On : 9 Jan 2018 12:37
 Operator : SJ/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Sohil
 1/10/2018 11:44:52 AM

Quant Time: Jan 09 14:03:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 13:07:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	219617	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	929375	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	409864	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	688609	20.00	ng	0.00
75) Chrysene-d12	13.88	240	429804	20.00	ng	0.00
86) Perylene-d12	15.29	264	354903	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1237752	83.95	ng	0.00
7) Phenol-d6	6.35	99	1469752	80.10	ng	0.00
23) Nitrobenzene-d5	7.29	82	1295329	77.58	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	287410	72.77	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2122782	80.34	ng	0.00
78) Terphenyl-d14	12.83	244	1656505	92.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	309019	40.791	ng	94
3) Pyridine	3.08	79	862633	40.983	ng	92
4) n-Nitrosodimethylamine	3.05	42	361759	37.328	ng	93
6) Aniline	6.39	93	1060208	41.578	ng	99
8) 2-Chlorophenol	6.51	128	634239	40.894	ng	98
9) Benzaldehyde	6.27	77	521664	38.496	ng	98
10) Phenol	6.37	94	855697m	40.916	ng	
11) bis(2-Chloroethyl)ether	6.47	93	635102	38.715	ng	97
12) 1,3-Dichlorobenzene	6.66	146	713633	40.769	ng	97
13) 1,4-Dichlorobenzene	6.75	146	713375	39.909	ng	99
14) 1,2-Dichlorobenzene	6.90	146	662433	41.172	ng	98
15) Benzyl Alcohol	6.87	79	550133	43.559	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1197839	47.711	ng	96
17) 2-Methylphenol	6.97	107	567337	39.768	ng	98
18) Hexachloroethane	7.24	117	254274	40.915	ng	92
19) n-Nitroso-di-n-propylamine	7.15	70	480586	39.882	ng	95
20) 3+4-Methylphenols	7.13	107	669575	44.291	ng	# 84
22) Acetophenone	7.14	105	869285	40.992	ng	# 90
24) Nitrobenzene	7.31	77	690704	37.380	ng	99
25) Isophorone	7.55	82	1229146	36.699	ng	98
26) 2-Nitrophenol	7.63	139	300606	37.867	ng	96
27) 2,4-Dimethylphenol	7.66	122	528924	39.219	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	743267	34.936	ng	99
29) 2,4-Dichlorophenol	7.86	162	510581	38.321	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	520104	36.990	ng	98
31) Naphthalene	8.03	128	1815903	38.811	ng	100
32) Benzoic acid	7.79	122	448263	55.736	ng	94
33) 4-Chloroaniline	8.08	127	793224	39.006	ng	98
34) Hexachlorobutadiene	8.15	225	277368	34.107	ng	99
35) Caprolactam	8.46	113	176601	38.172	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	552663	37.739	ng	100
37) 2-Methylnaphthalene	8.72	142	1200213	39.373	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	454831	32.868	ng	98
40) Hexachlorocyclopentadiene	8.87	237	261099	144.256	ng	99

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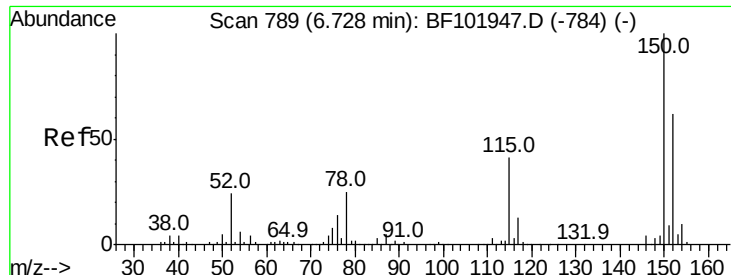
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	322420	38.702	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	368907	40.442	ng	98
45) 1,1'-Biphenyl	9.19	154	1416570	38.972	ng	99
46) 2-Chloronaphthalene	9.21	162	1099241	39.523	ng	99
47) 2-Nitroaniline	9.31	65	363006	37.782	ng	98
48) Acenaphthylene	9.63	152	1746919	39.767	ng	99
49) Dimethylphthalate	9.49	163	1289054	39.100	ng	100
50) 2,6-Dinitrotoluene	9.55	165	281517	42.014	ng	96
51) Acenaphthene	9.80	154	1054809	39.966	ng	99
52) 3-Nitroaniline	9.72	138	349808	41.874	ng	94
53) 2,4-Dinitrophenol	9.82	184	83541	46.701	ng	# 16
54) Dibenzofuran	9.97	168	1453593	43.338	ng	97
55) 4-Nitrophenol	9.87	139	264201	72.530	ng	93
56) 2,4-Dinitrotoluene	9.95	165	358039	47.427	ng	99
57) Fluorene	10.31	166	1033463	36.424	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	261383	39.884	ng	100
59) Diethylphthalate	10.19	149	1279716	39.198	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	437974	32.208	ng	95
61) 4-Nitroaniline	10.33	138	330186	39.322	ng	96
62) Azobenzene	10.46	77	1269033	37.523	ng	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	147174	41.882	ng	93
65) n-Nitrosodiphenylamine	10.43	169	1000543	39.350	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	289450	37.409	ng	99
67) Hexachlorobenzene	10.85	284	316281	38.622	ng	99
68) Atrazine	10.95	200	301581	39.778	ng	96
69) Pentachlorophenol	11.05	266	207683	76.748	ng	98
70) Phenanthrene	11.27	178	1562326	40.798	ng	99
71) Anthracene	11.32	178	1580793	40.412	ng	100
72) Carbazole	11.47	167	1569960	42.868	ng	99
73) Di-n-butylphthalate	11.82	149	1953707	43.952	ng	99
74) Fluoranthene	12.45	202	1523935	37.913	ng	98
76) Benzidine	12.58	184	869924	47.922	ng	97
77) Pyrene	12.68	202	1579485	48.966	ng	99
79) Butylbenzylphthalate	13.31	149	757031	51.868	ng	98
80) Benzo(a)anthracene	13.87	228	1105470	38.952	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	421600	45.559	ng	98
82) Chrysene	13.90	228	1168437	43.604	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	835228	45.180	ng	# 99
84) Di-n-octyl phthalate	14.48	149	1406217	42.652	ng	96
85) Indeno(1,2,3-cd)pyrene	16.66	276	816902	34.234	ng	93
87) Benzo(b)fluoranthene	14.89	252	985416	45.553	ng	# 96
88) Benzo(k)fluoranthene	14.92	252	868829	41.309	ng	98
89) Benzo(a)pyrene	15.23	252	840886	42.167	ng	# 95
90) Dibenzo(a,h)anthracene	16.69	278	683502	39.920	ng	96
91) Benzo(g,h,i)perylene	17.08	276	681001	40.167	ng	94

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



#1

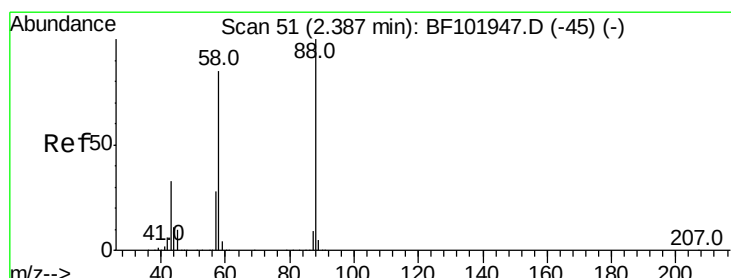
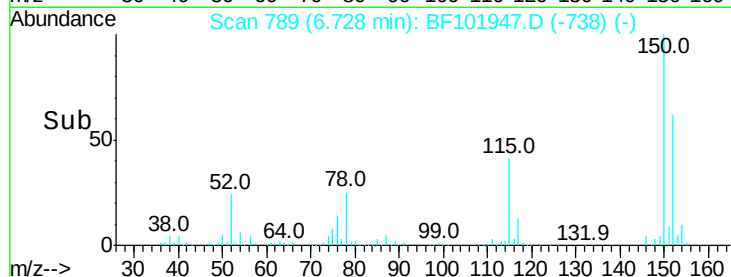
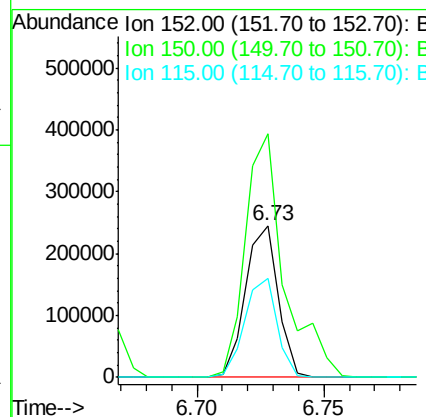
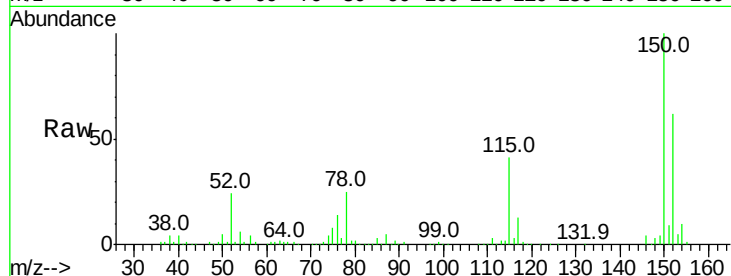
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	65.1	50.1	75.1

Manual Integrations
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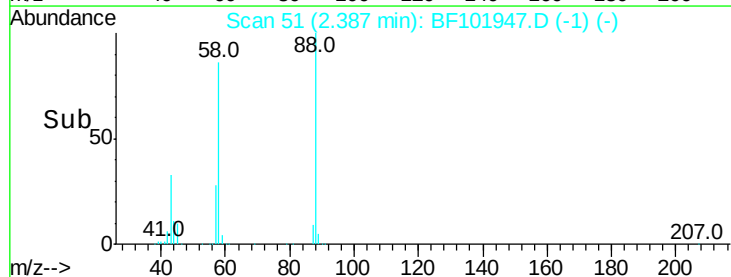
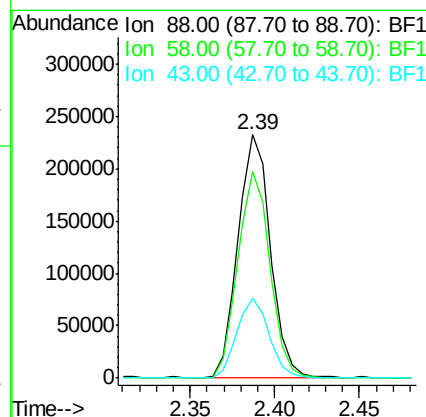
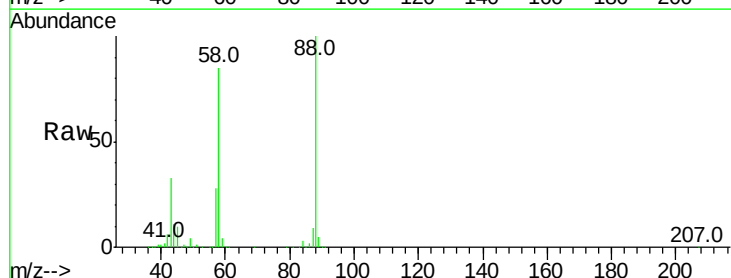
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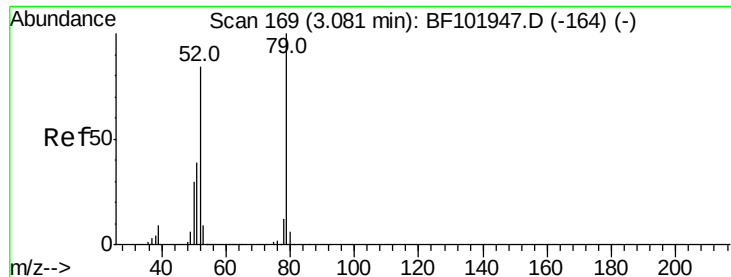


#2

1,4-Dioxane
Concen: 40.791 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	62.6	93.8
43	32.4	24.6	37.0





#3

Pvridine

Concen: 40.983 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

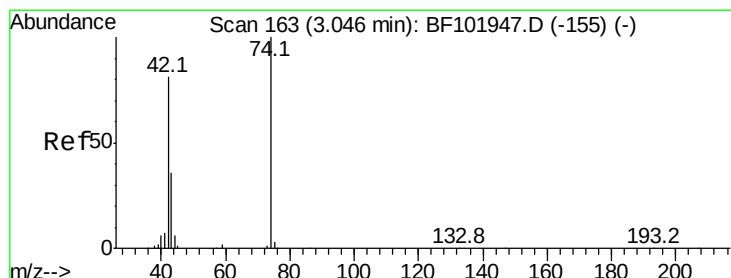
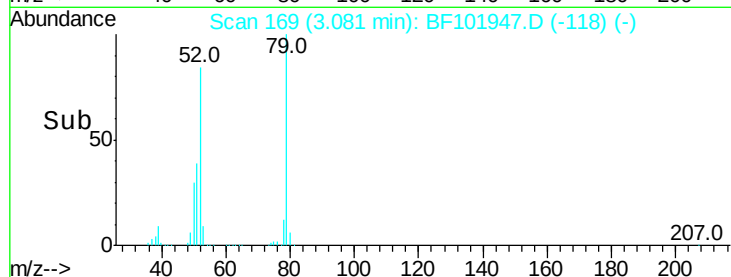
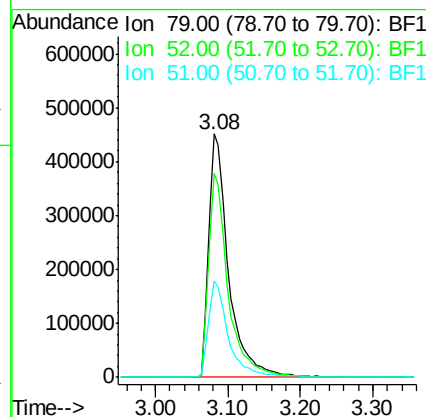
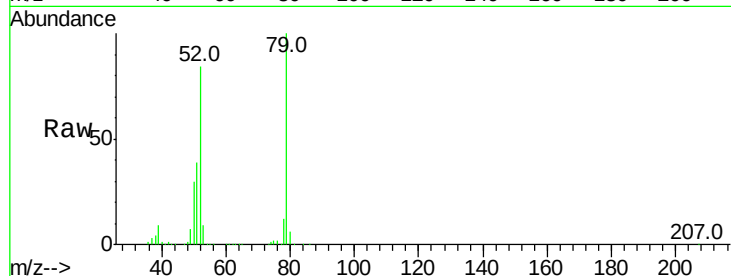
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	862633
Ion Ratio	Lower	Upper	
79	100		
52	84.0	59.8	89.6
51	39.5	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.328 ng

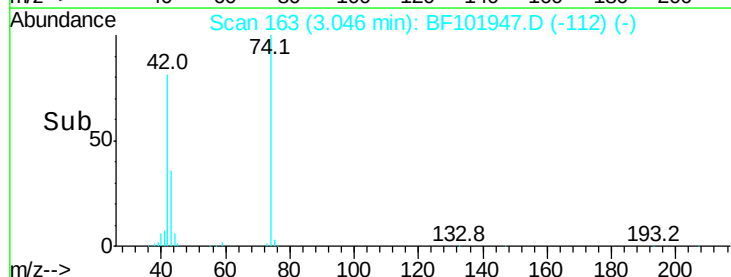
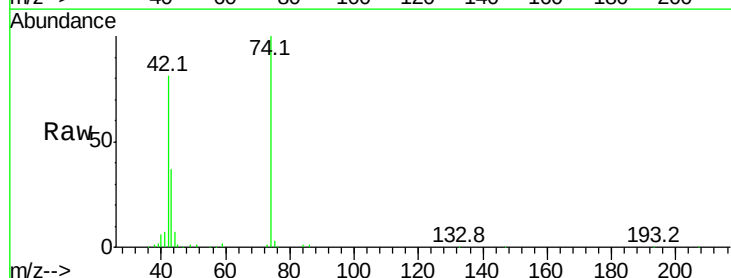
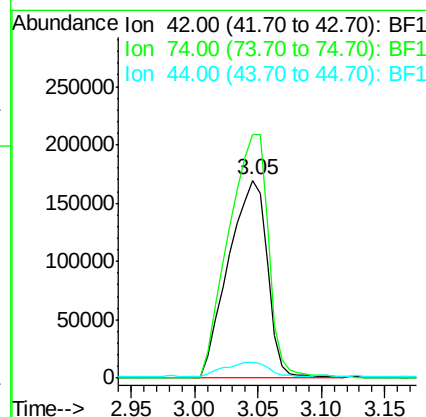
RT: 3.05 min Scan# 163

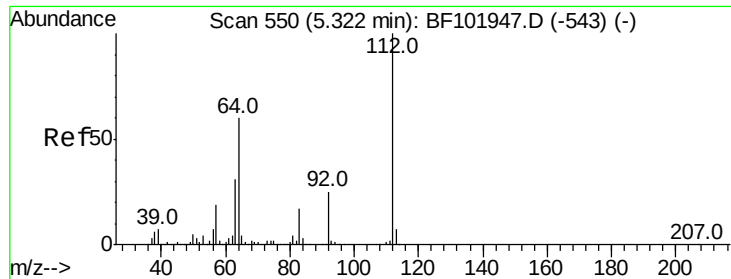
Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Tgt Ion:	42	Resp:	361759
Ion Ratio	Lower	Upper	
42	100		
74	122.9	104.9	157.3
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 83.952 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:112 Resp: 1237752

Ion Ratio Lower Upper

112 100

64 59.9 47.9 71.9

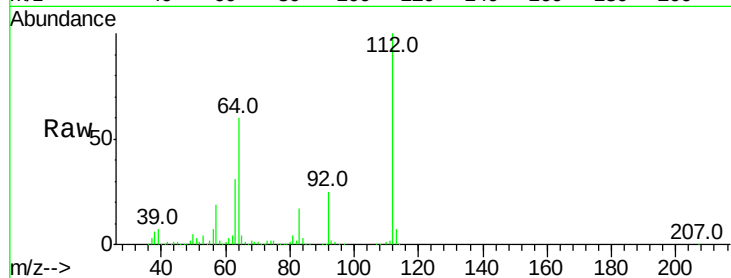
63 30.8 23.7 35.5

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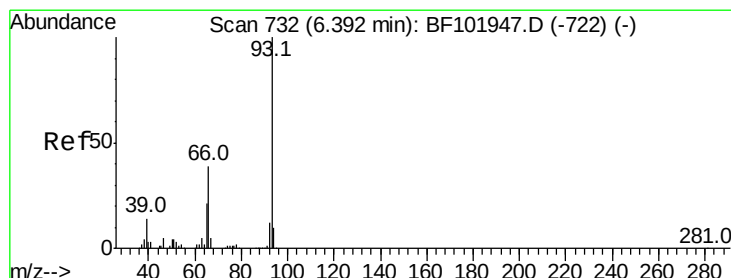
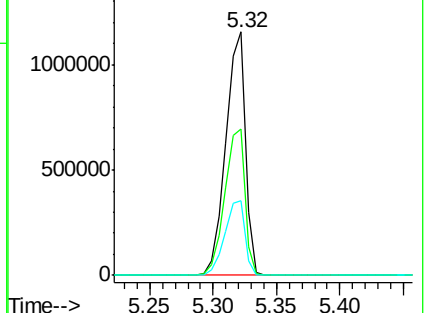
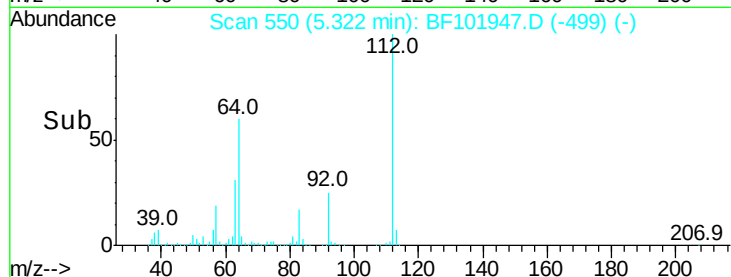
1/10/2018 11:44:52 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.578 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

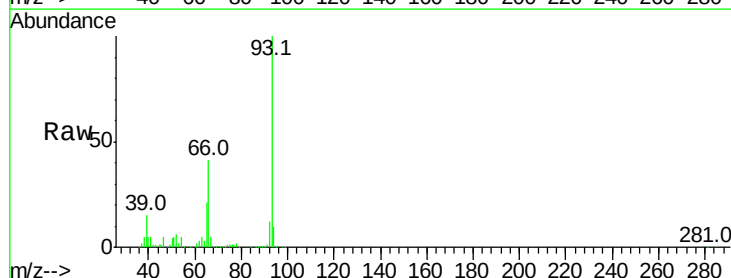
Tgt Ion: 93 Resp: 1060208

Ion Ratio Lower Upper

93 100

66 40.7 32.2 48.2

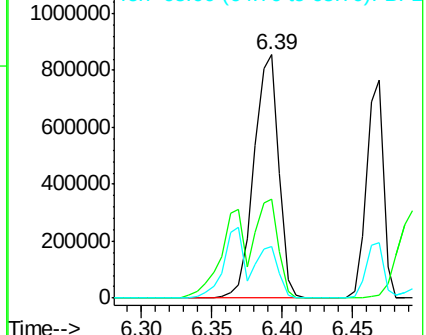
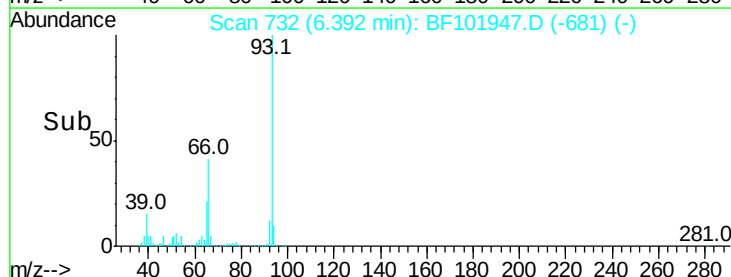
65 21.4 16.4 24.6

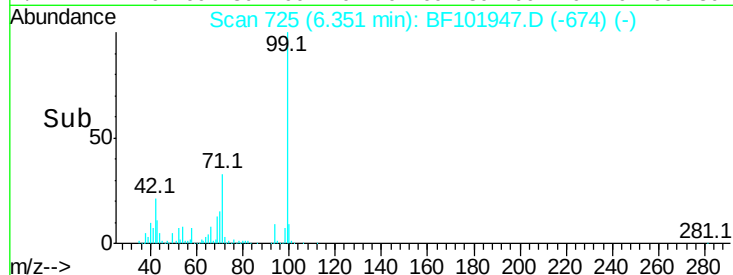
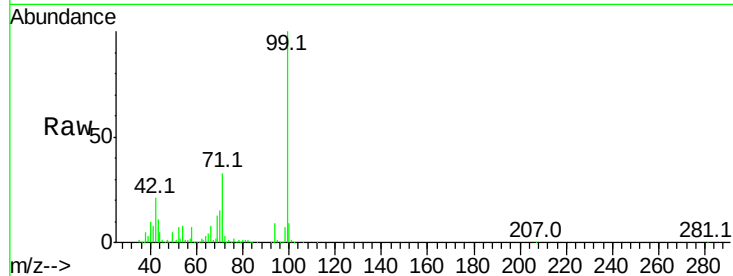
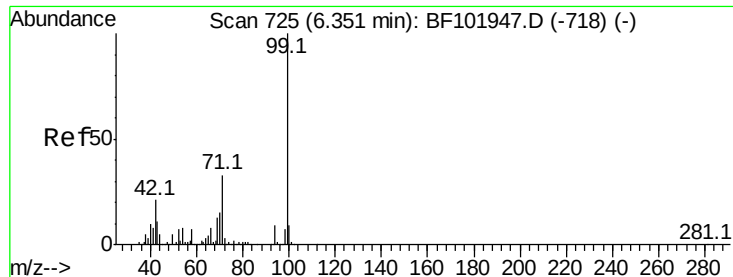


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.100 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Tot Ion:	99	Resp:	1469752
Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	33.4	25.4	38.0

Instrument :

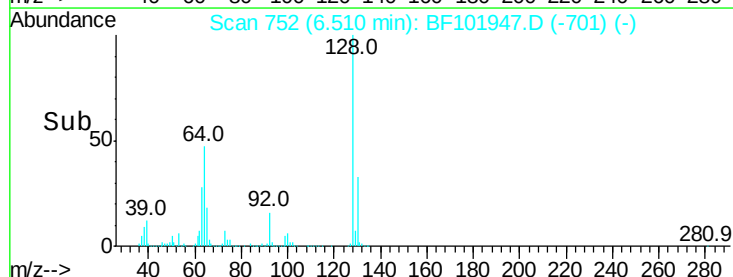
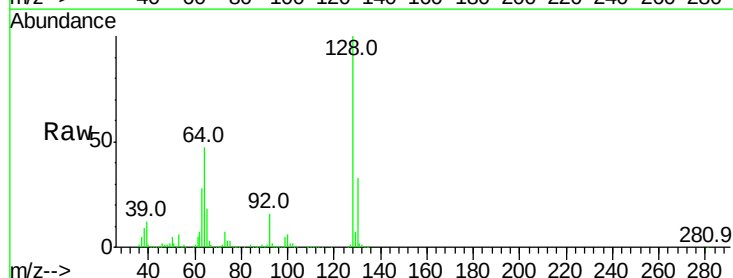
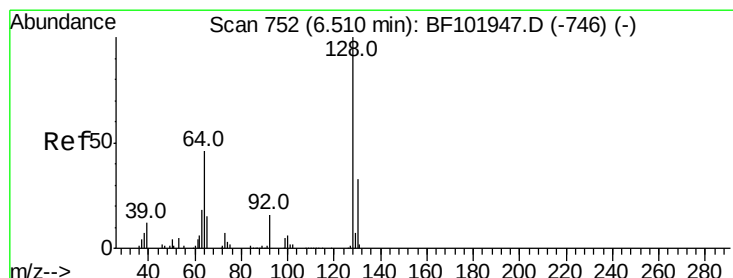
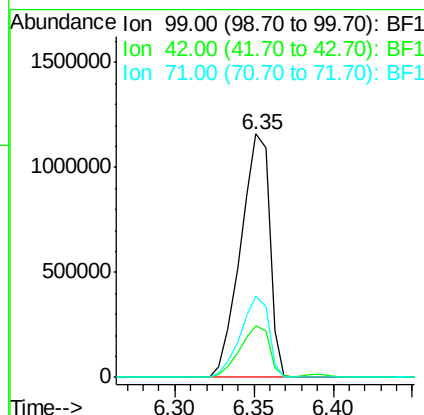
BNA_F

ClientSampleId :

SSTDICCC040

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#8

2-Chlorophenol

Concen: 40.894 ng

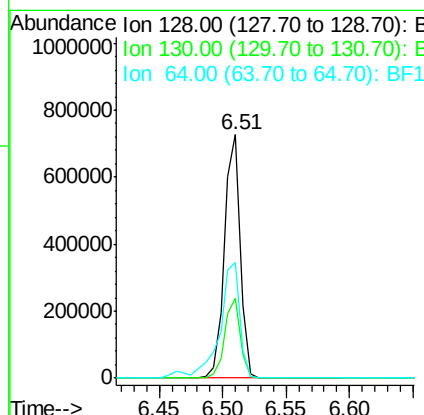
RT: 6.51 min Scan# 752

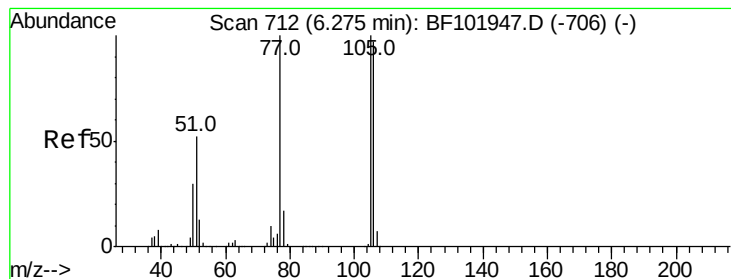
Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Tgt Ion:	128	Resp:	634239
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	47.2	29.4	69.4





#9

Benzaldehyde

Concen: 38.496 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF101947.D

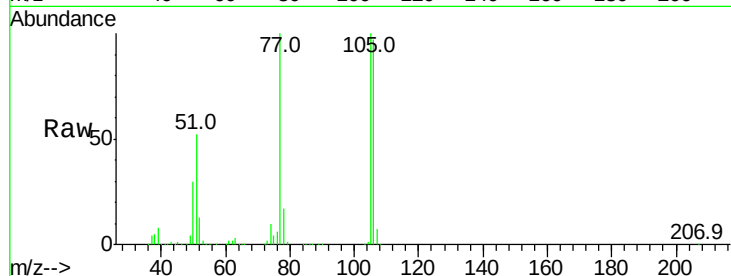
Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tot Ion: 77 Resp: 521664

Ion Ratio Lower Upper

77 100

105 100.2 81.1 121.1

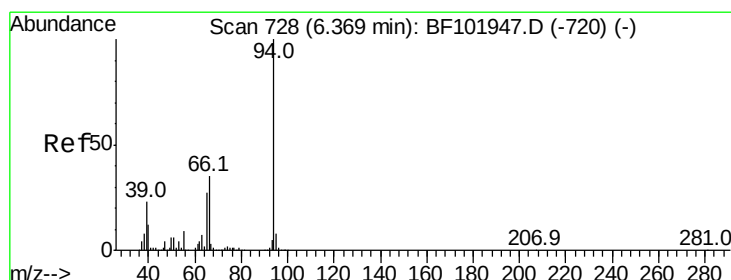
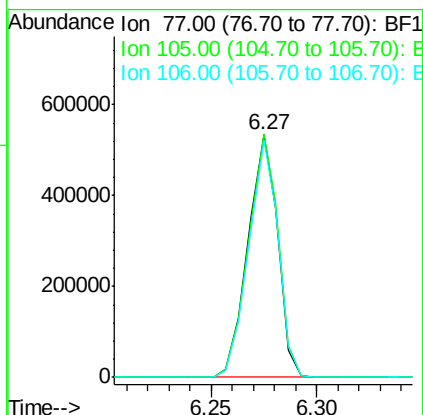
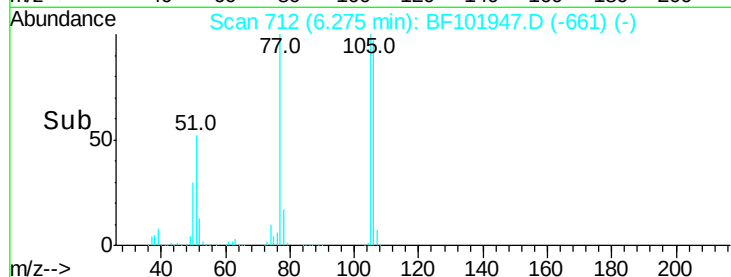
106 97.4 74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 40.916 ng m

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

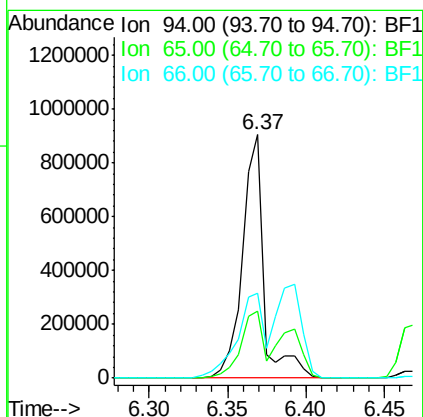
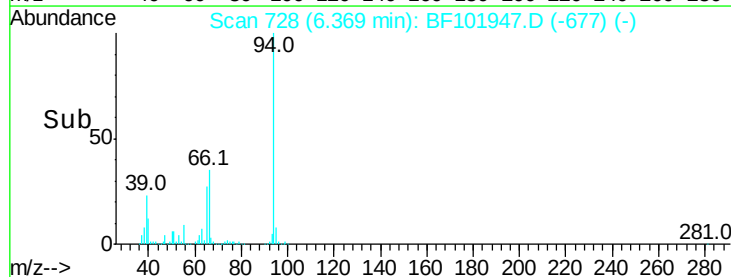
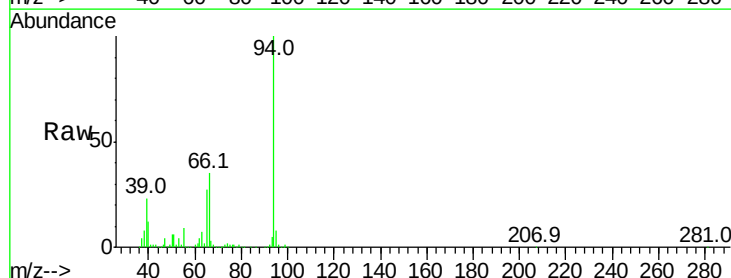
Tgt Ion: 94 Resp: 855697

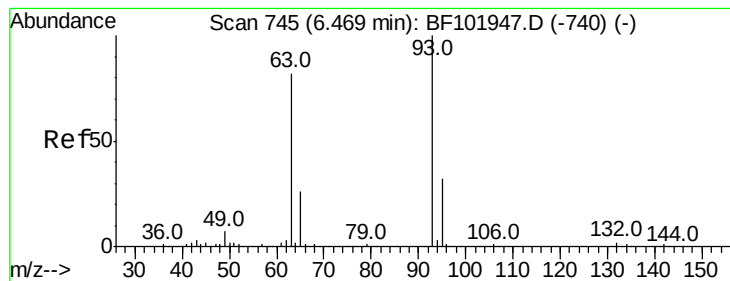
Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

66 34.6 16.2 56.2





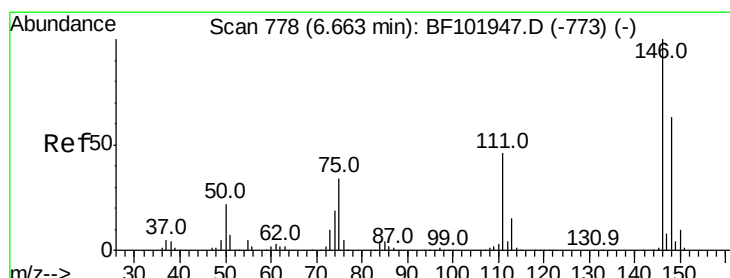
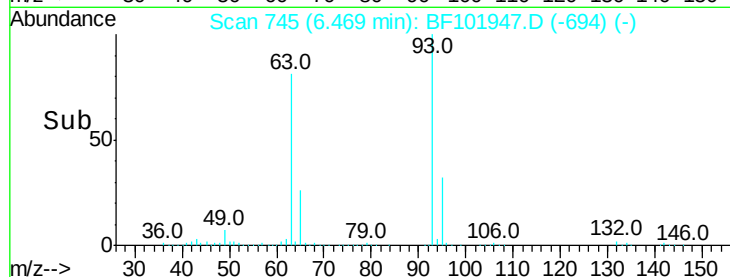
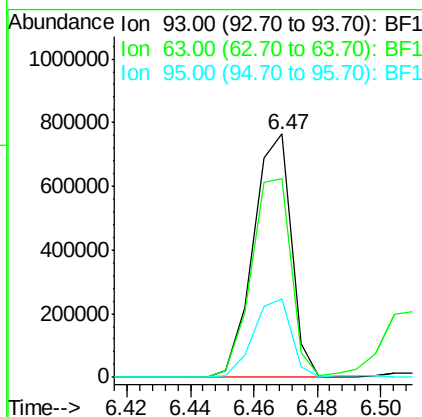
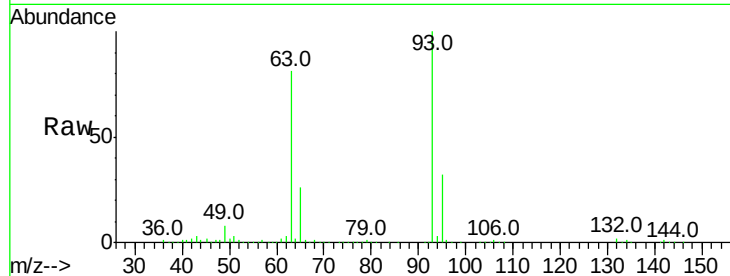
#11
bis(2-Chloroethyl)ether
Concen: 38.715 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.5	58.6	98.6
95	32.1	11.8	51.8

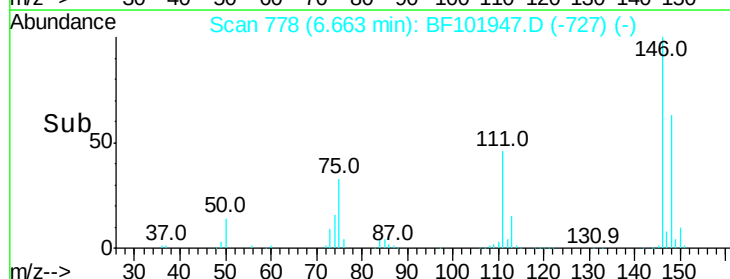
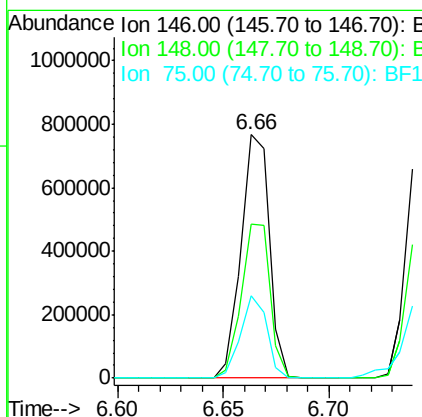
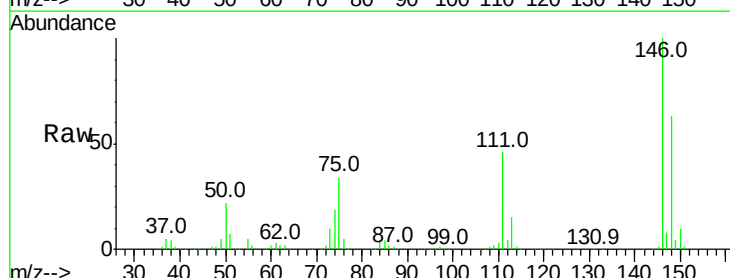
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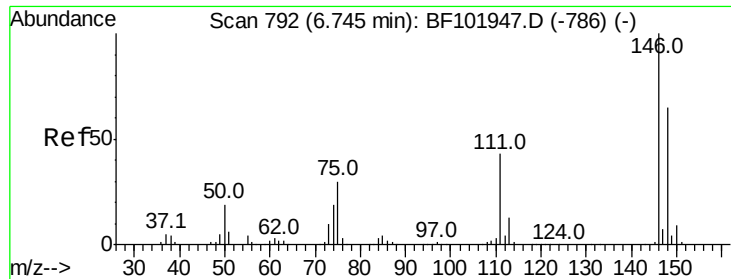
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#12
1,3-Dichlorobenzene
Concen: 40.769 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	33.7	24.2	36.4





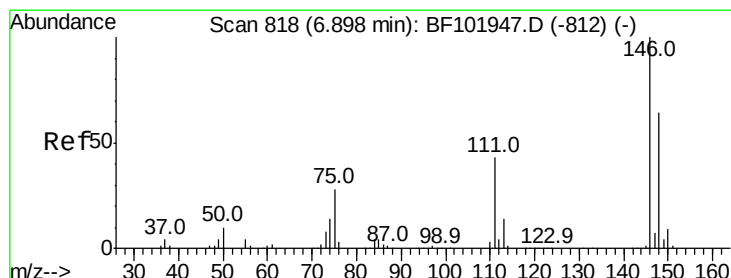
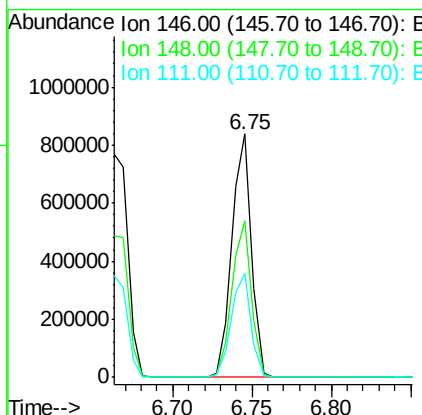
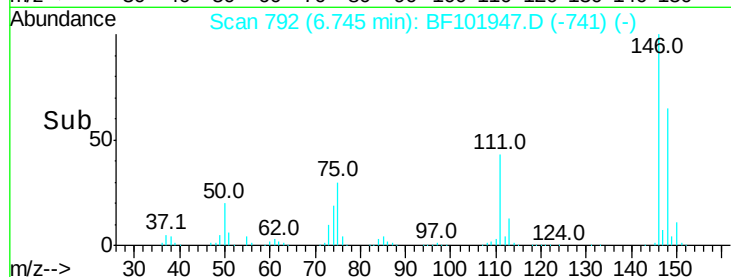
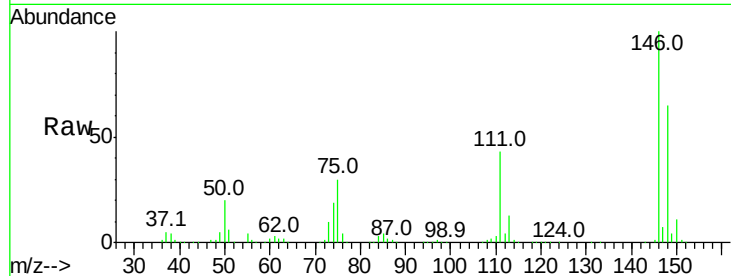
#13
 1,4-Dichlorobenzene
 Concen: 39.909 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	42.7	34.2	51.2

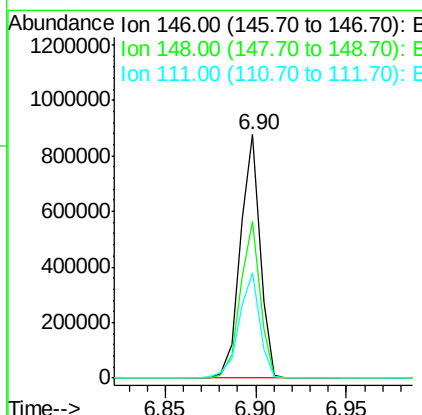
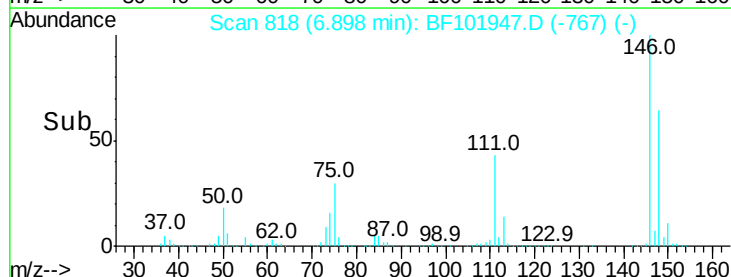
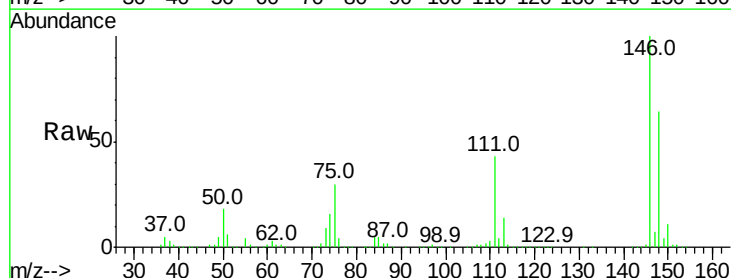
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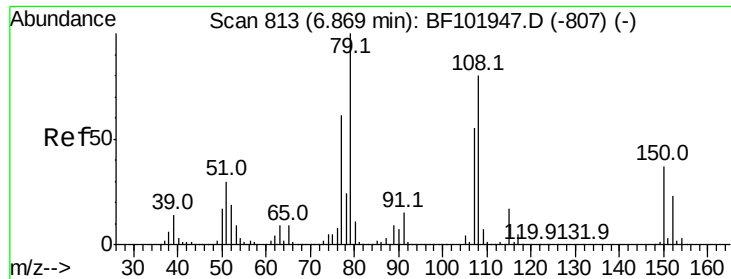
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#14
 1,2-Dichlorobenzene
 Concen: 41.172 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	43.5	36.0	54.0





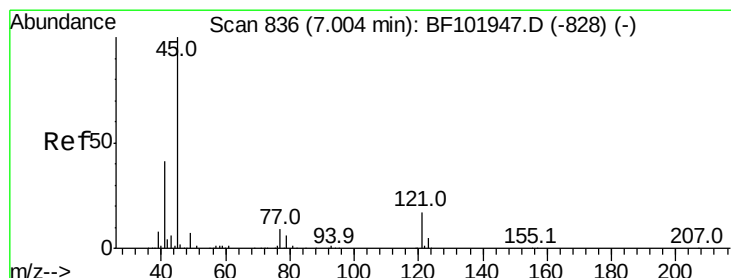
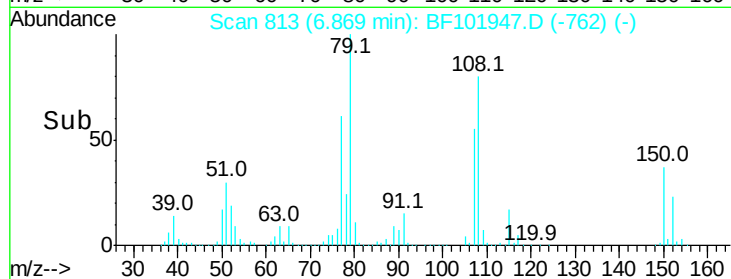
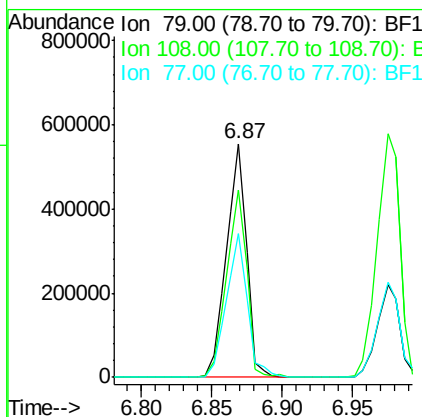
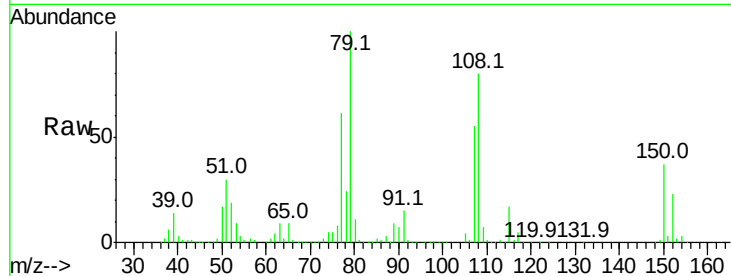
#15
Benzyl Alcohol
Concen: 43.559 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.4	65.1	97.7
77	61.3	50.6	75.8

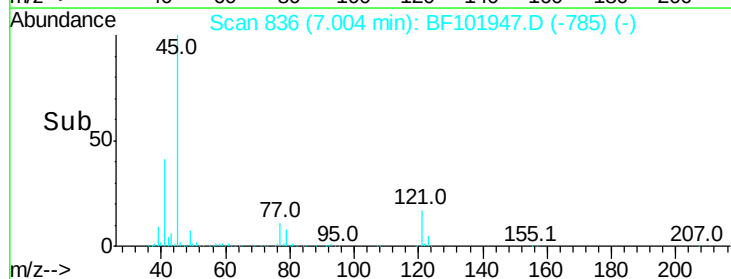
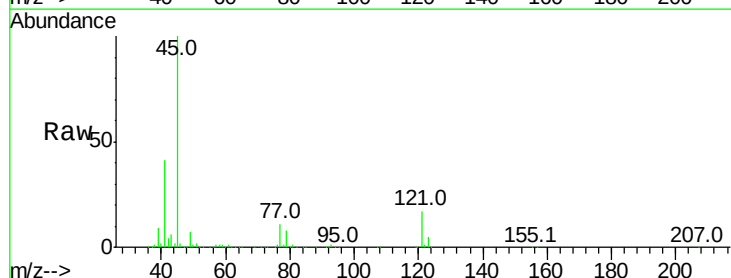
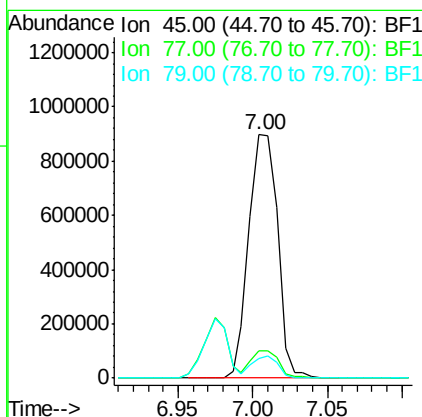
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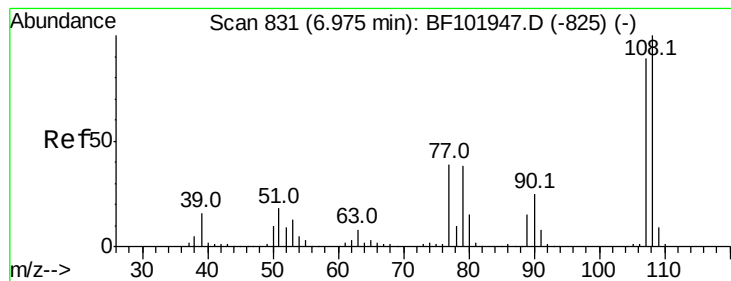
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.711 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	32.9
79	7.9	0.0	29.6





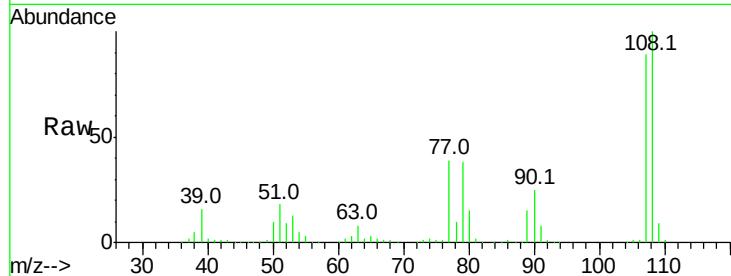
#17
2-Methylphenol
Concen: 39.768 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

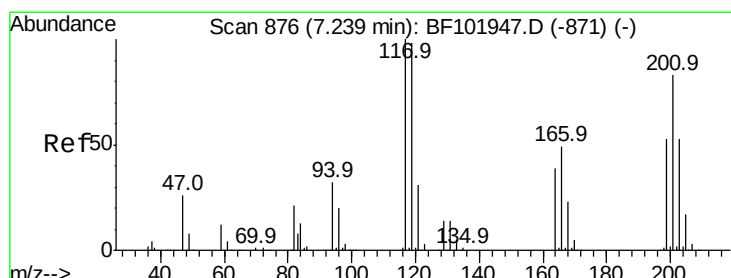
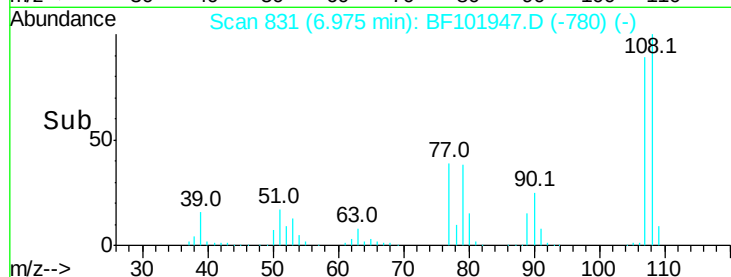
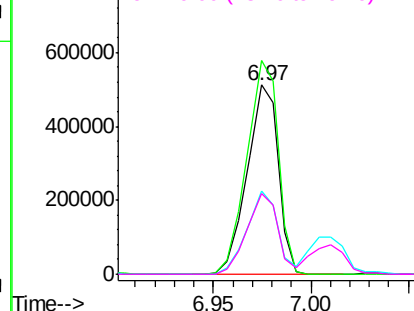
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	91.7	137.5	
77	44.1	33.8	50.8	
79	42.9	33.8	50.8	

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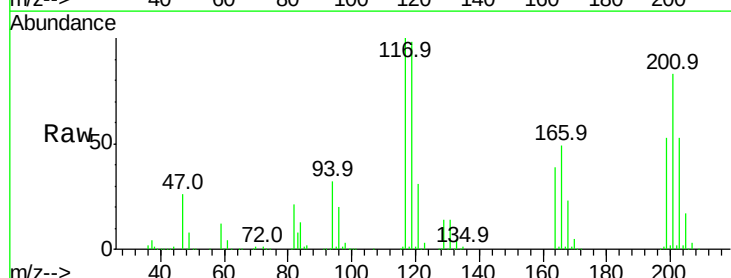


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

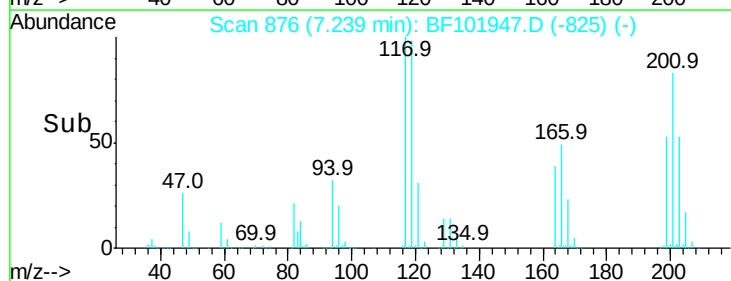
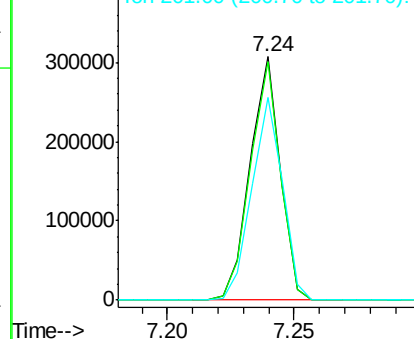


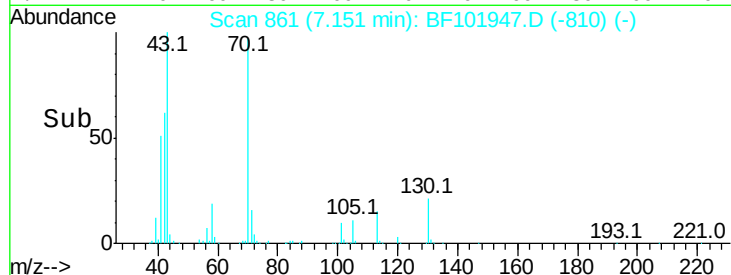
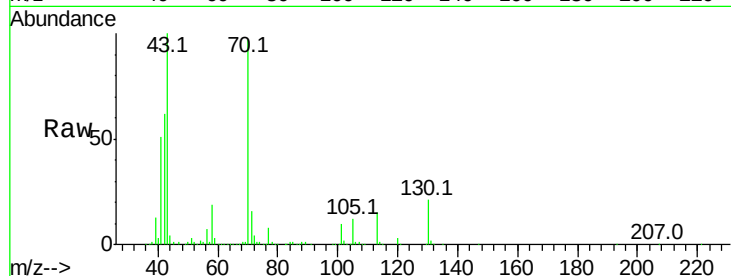
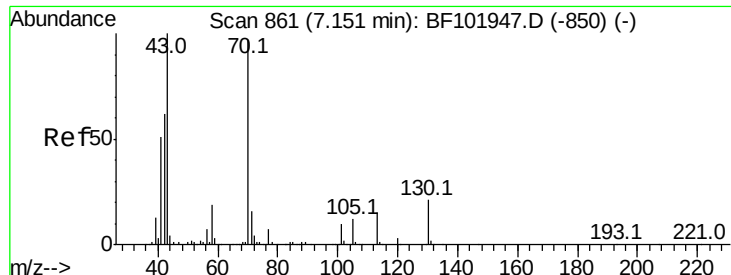
#18
Hexachloroethane
Concen: 40.915 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	75.8	113.8	
201	83.3	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





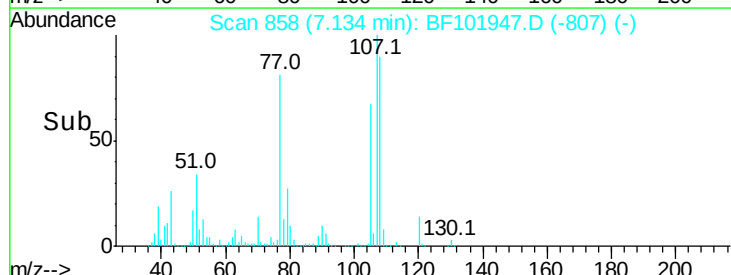
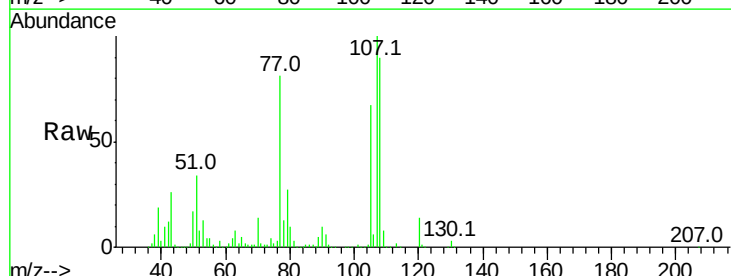
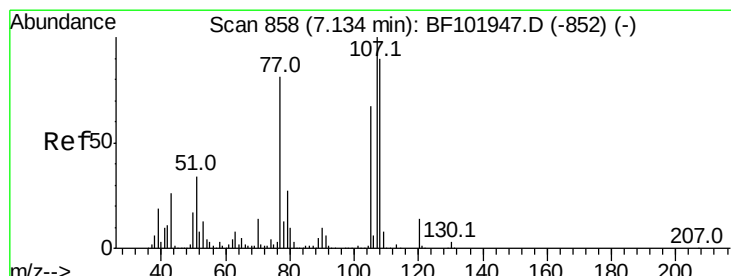
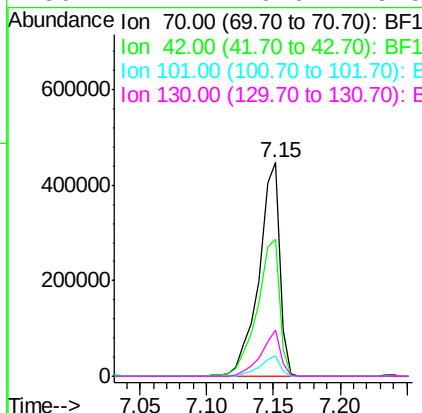
#19
n-Nitroso-di-n-propylamine
Concen: 39.882 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	47.5	71.3
101	9.9	7.4	11.2
130	21.4	16.6	25.0

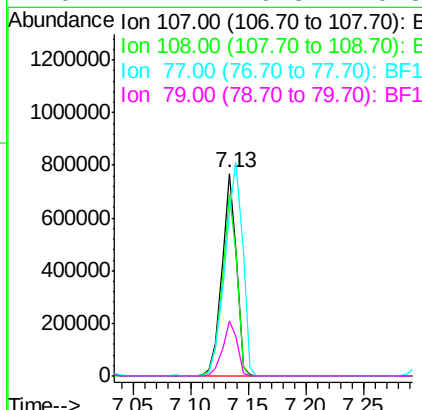
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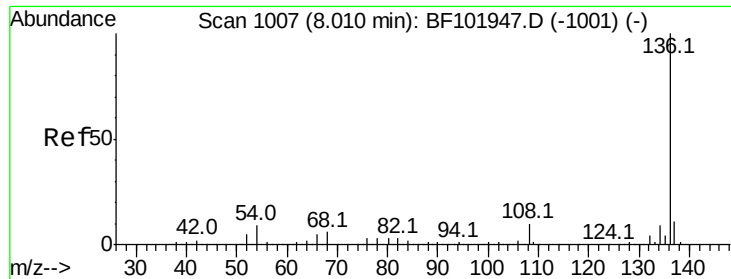
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#20
3+4-Methylphenols
Concen: 44.291 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	80.9	26.7	66.7#
79	27.2	6.3	46.3





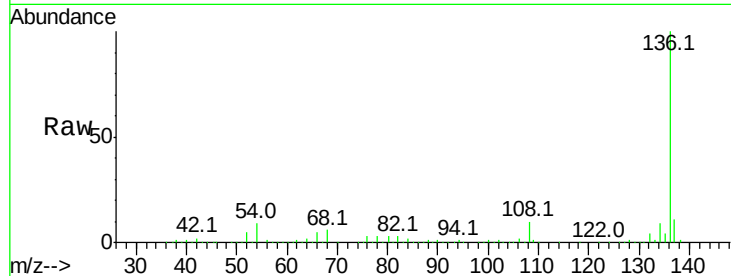
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

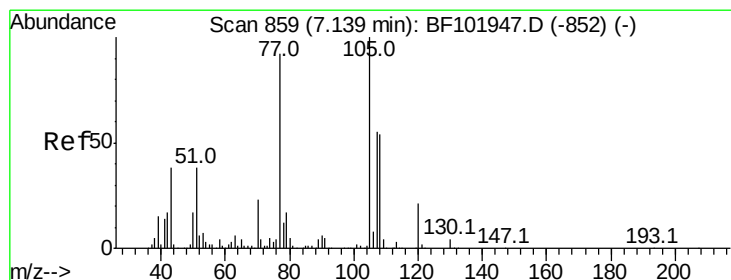
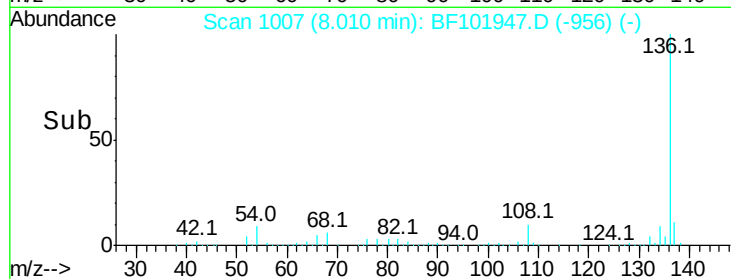
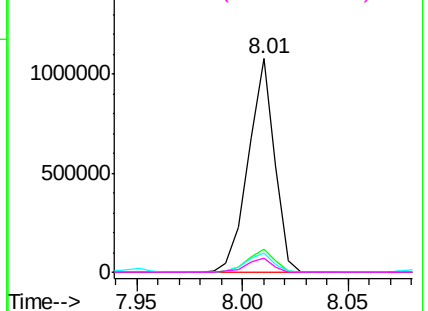
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	9.0	6.6	9.8	
68	6.4	5.0	7.4	

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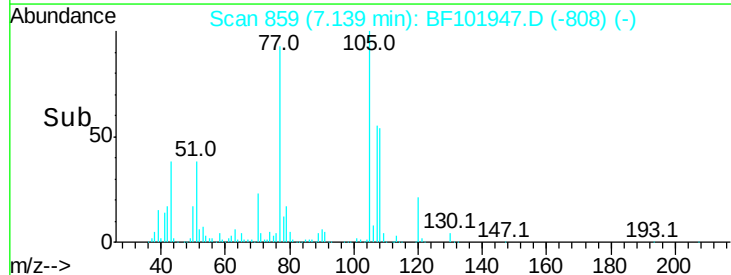
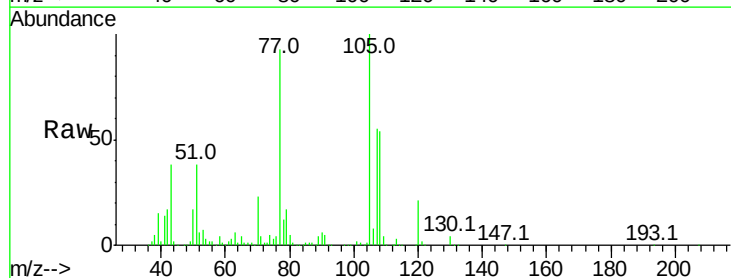
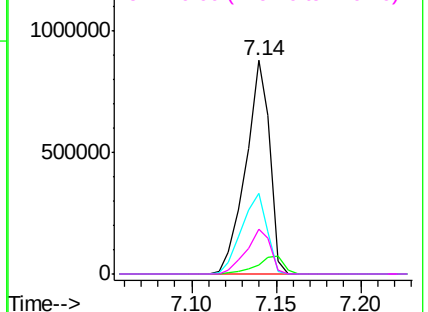
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

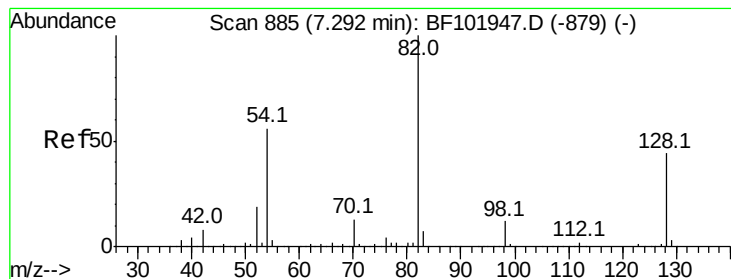


#22
Acetophenone
Concen: 40.992 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.1	4.4	6.6#	
51	37.6	22.3	33.5#	
120	21.0	16.9	25.3	

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





#23

Nitrobenzene-d5

Concen: 77.585 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1295329

Ion Ratio Lower Upper

82 100

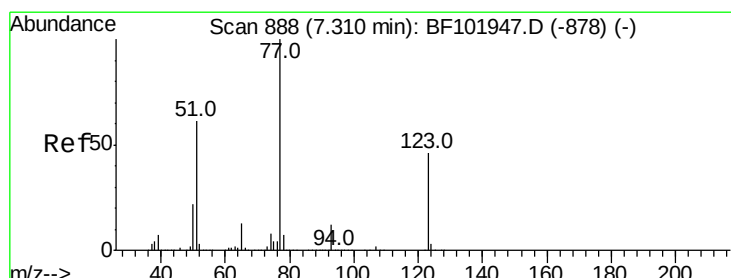
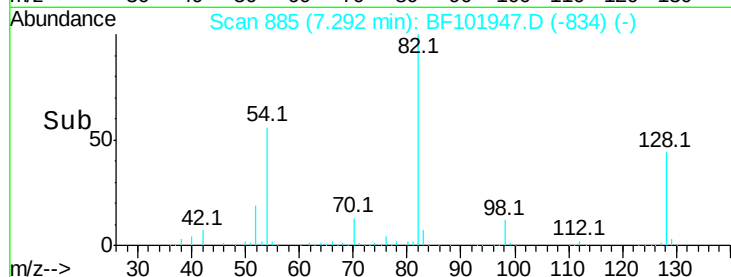
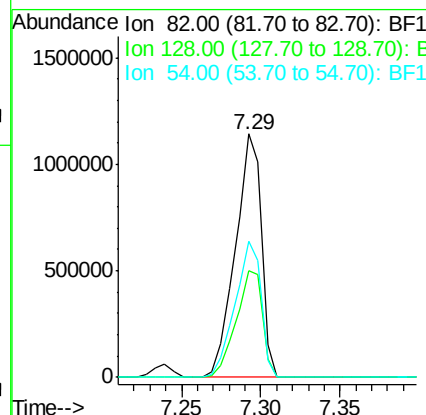
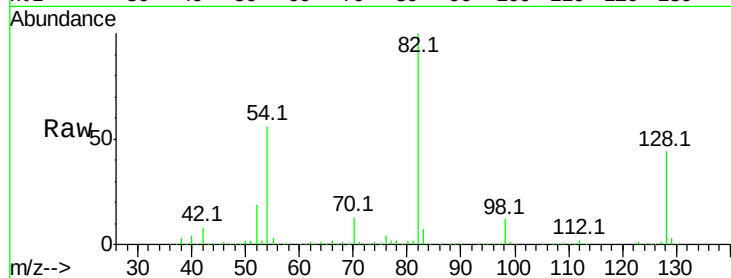
128 43.6 36.1 54.1

54 56.0 41.4 62.2

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#24

Nitrobenzene

Concen: 37.380 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

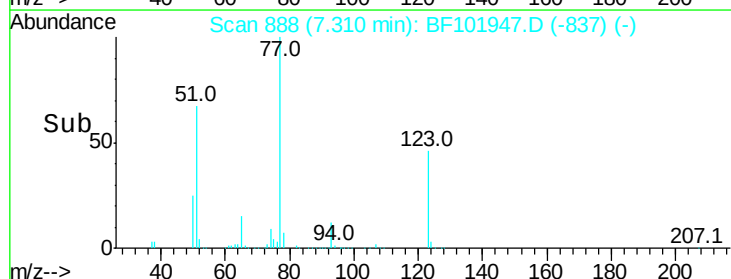
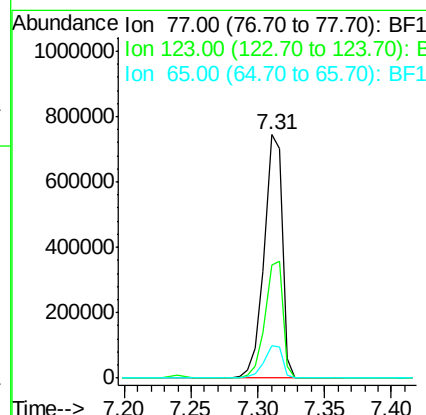
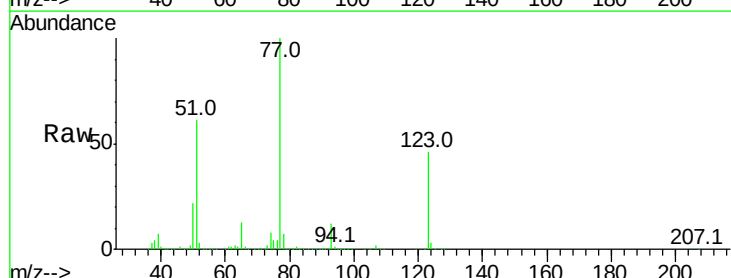
Tgt Ion: 77 Resp: 690704

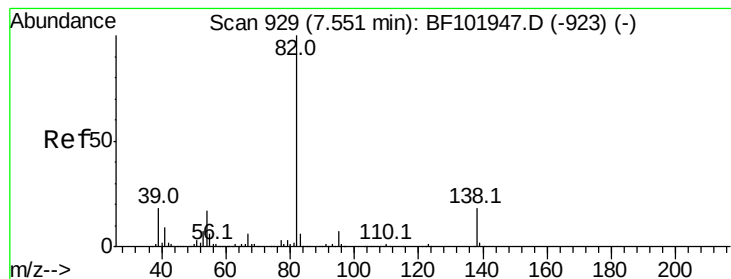
Ion Ratio Lower Upper

77 100

123 46.2 37.9 56.9

65 13.5 11.0 16.4





#25

Isophorone

Concen: 36.699 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1229146

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

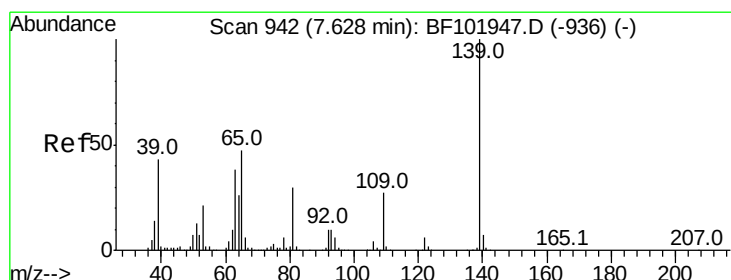
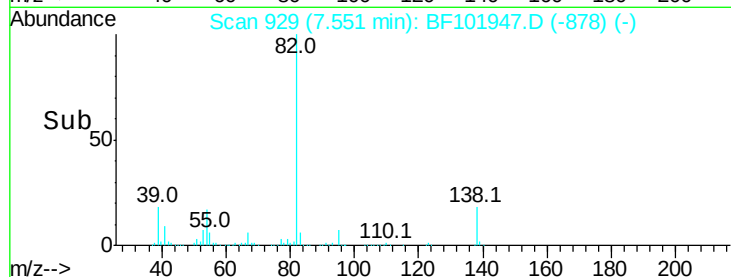
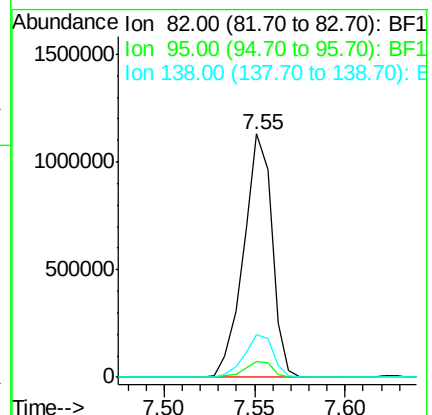
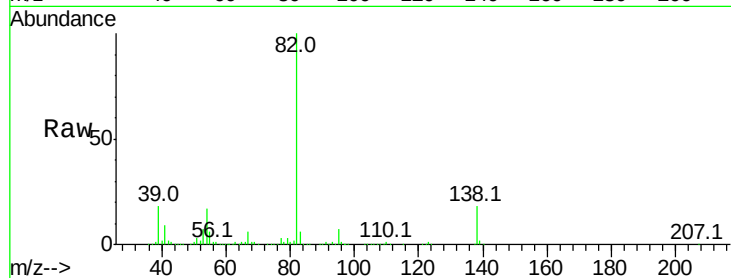
138 17.7 14.9 22.3

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#26

2-Nitrophenol

Concen: 37.867 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

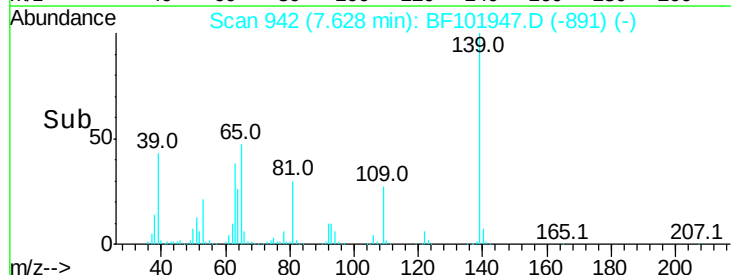
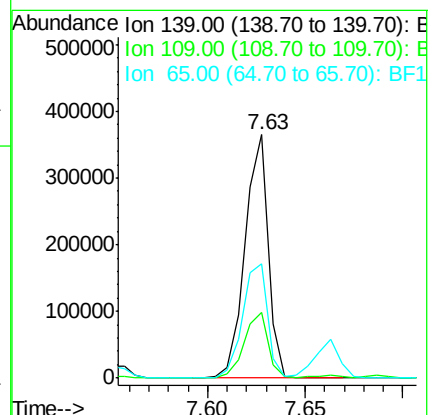
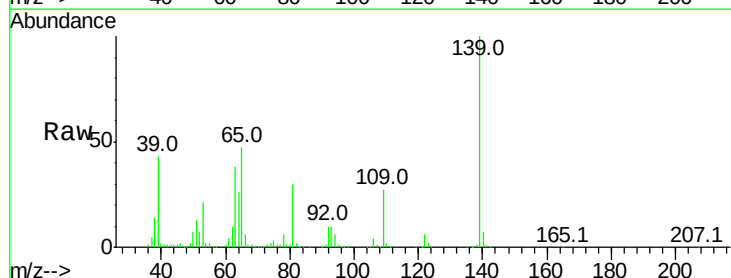
Tgt Ion:139 Resp: 300606

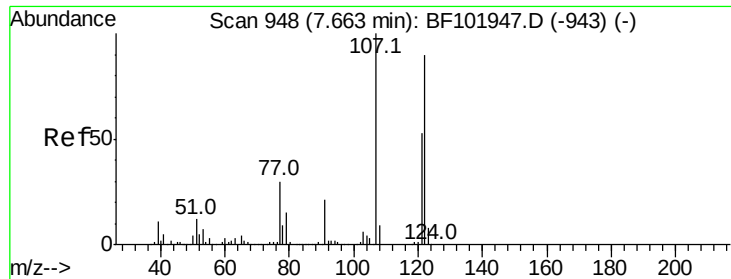
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 47.1 40.5 60.7





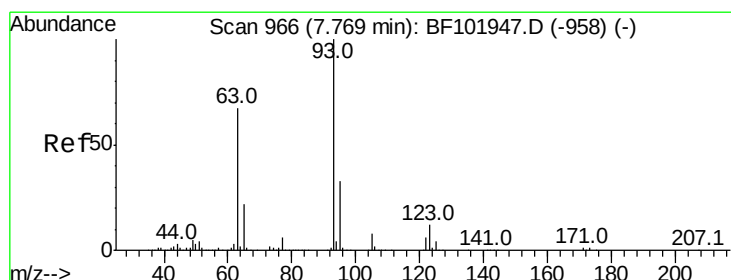
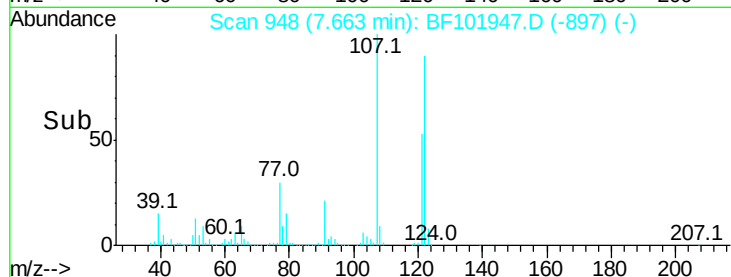
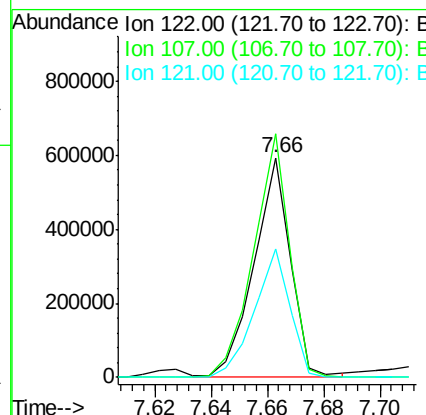
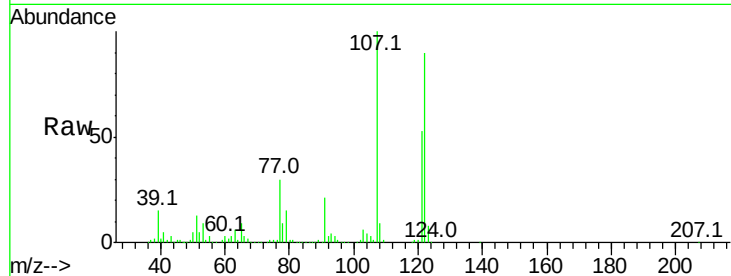
#27
 2,4-Dimethylphenol
 Concen: 39.219 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.2	136.8
121	58.3	47.2	70.8

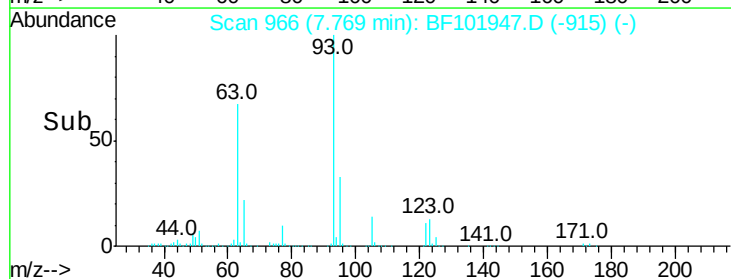
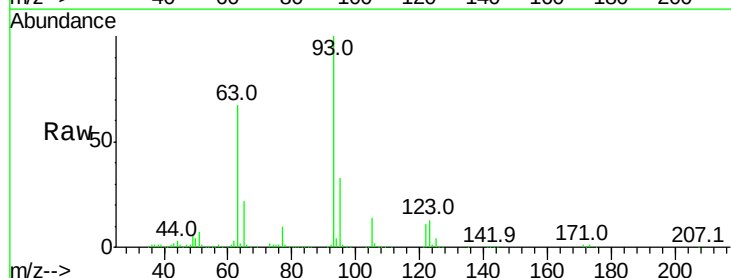
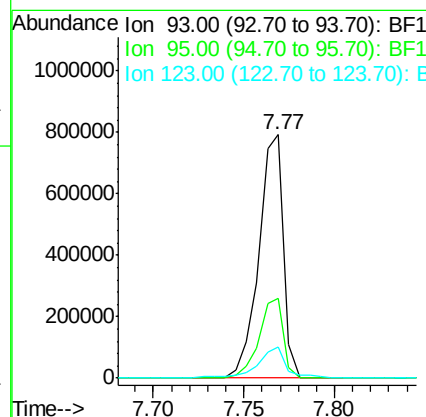
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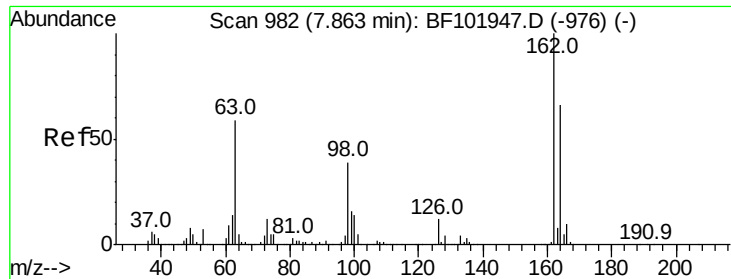
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.936 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	12.8	9.8	14.6





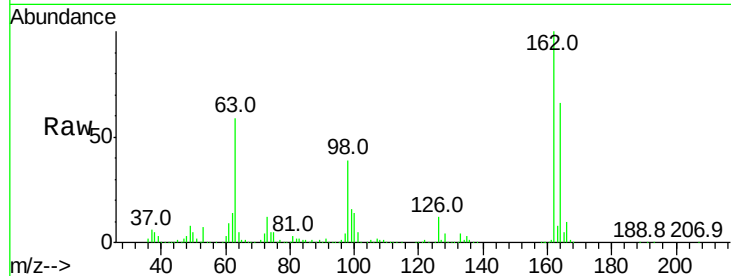
#29
2,4-Dichlorophenol
Concen: 38.321 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

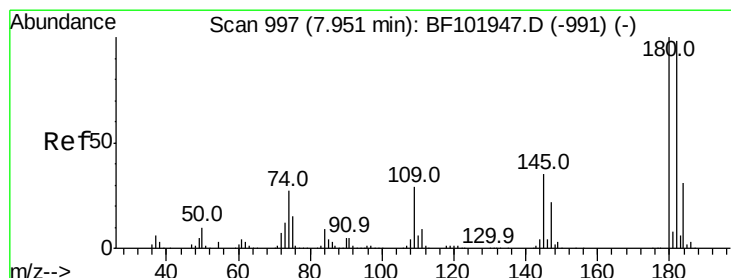
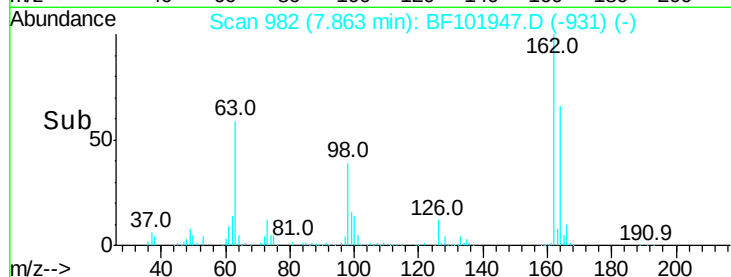
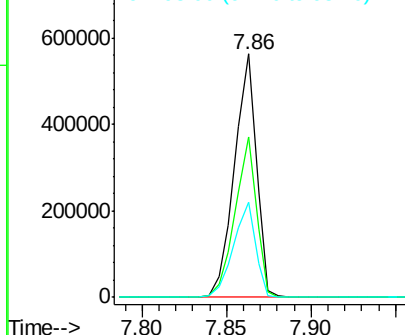
Tot Ion	Ratio	Resp	Lower	Upper
162	100	510581		
164	65.8	42.7	82.7	
98	39.0	18.1	58.1	

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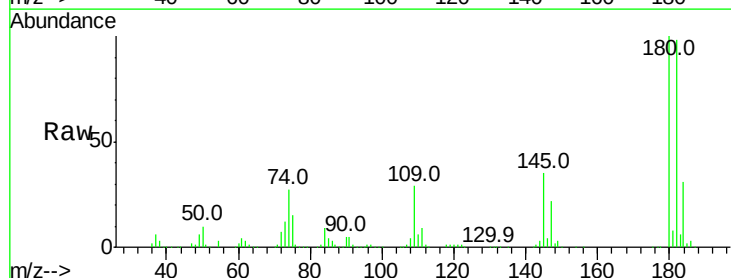


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

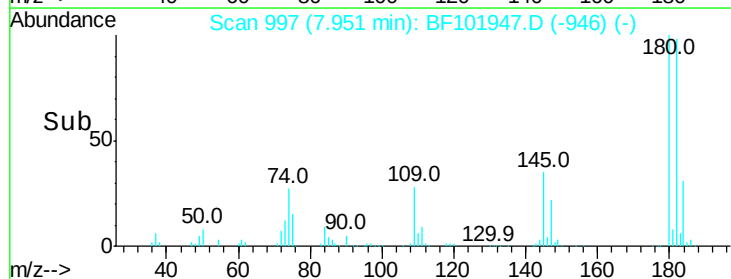
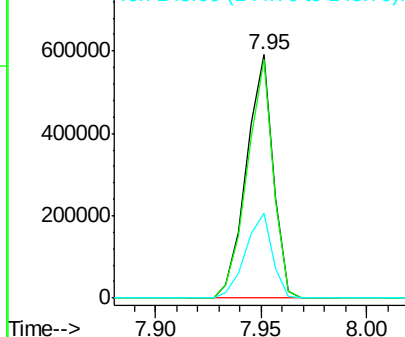


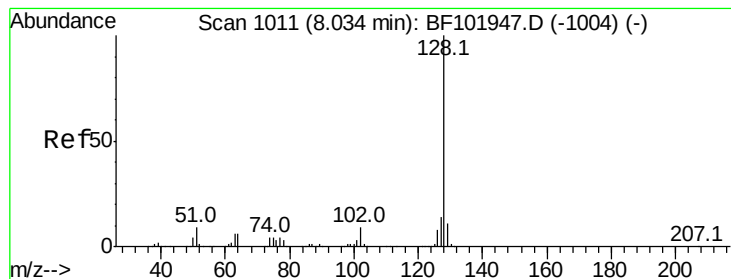
#30
1,2,4-Trichlorobenzene
Concen: 36.990 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	520104		
182	98.1	76.8	115.2	
145	34.9	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.811 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1815903

Ion Ratio Lower Upper

128 100

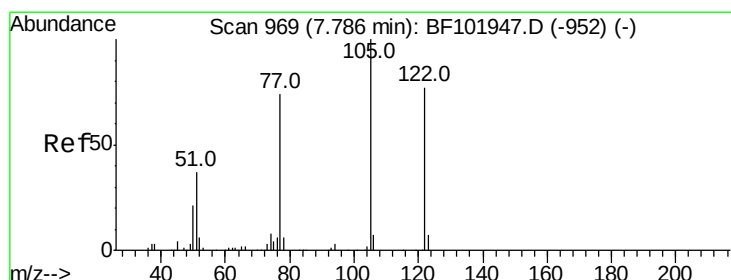
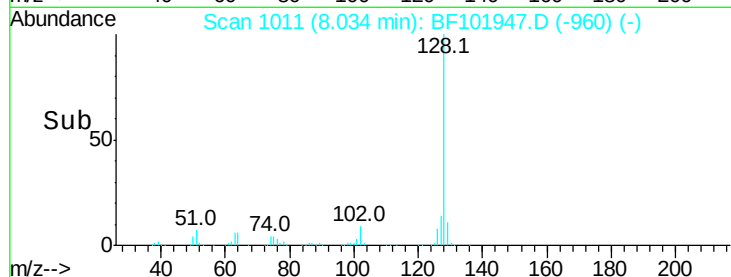
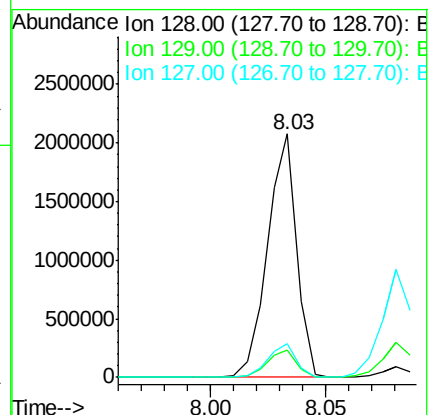
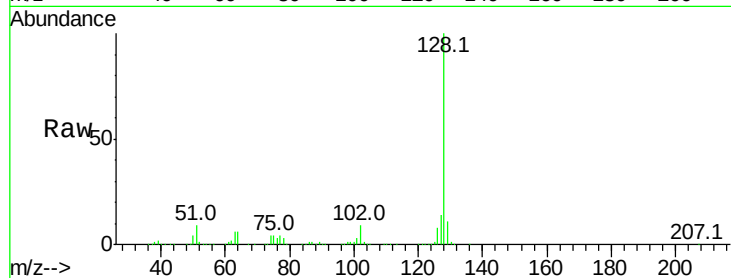
129 11.3 8.8 13.2

127 13.6 10.9 16.3

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#32

Benzoic acid

Concen: 55.736 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

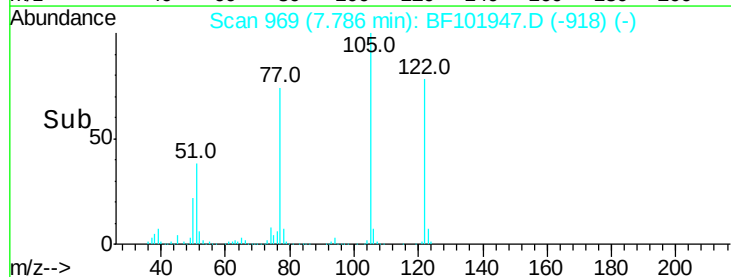
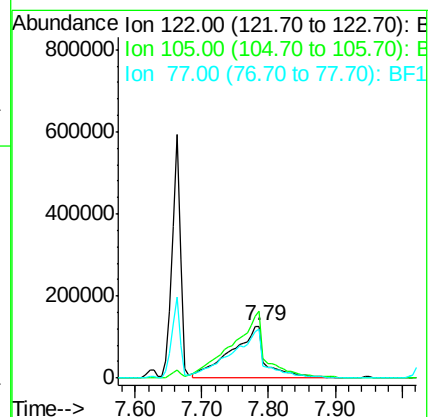
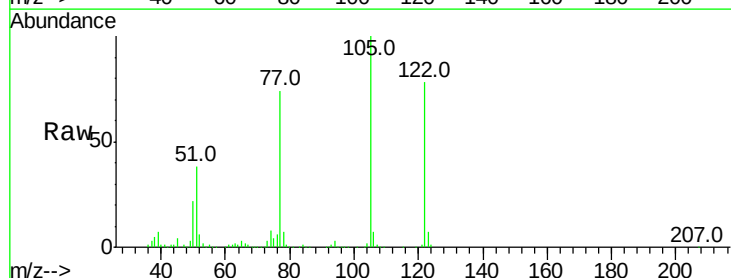
Tgt Ion:122 Resp: 448263

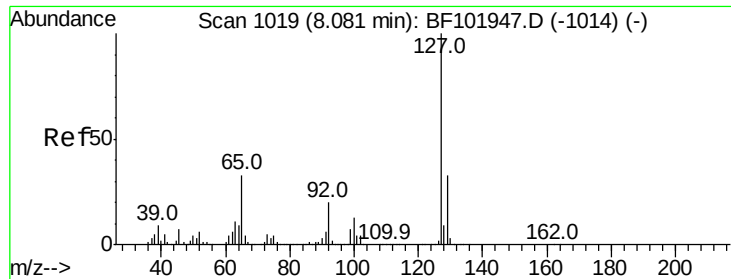
Ion Ratio Lower Upper

122 100

105 128.1 101.1 141.1

77 94.9 70.7 110.7





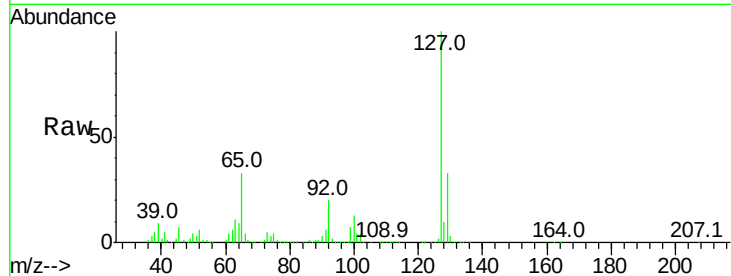
#33
4-Chloroaniline
Concen: 39.006 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

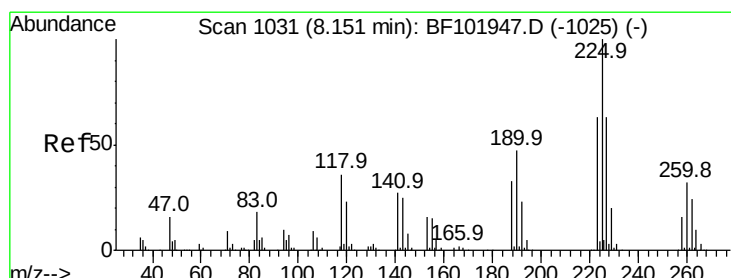
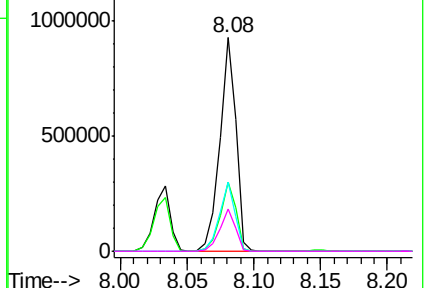
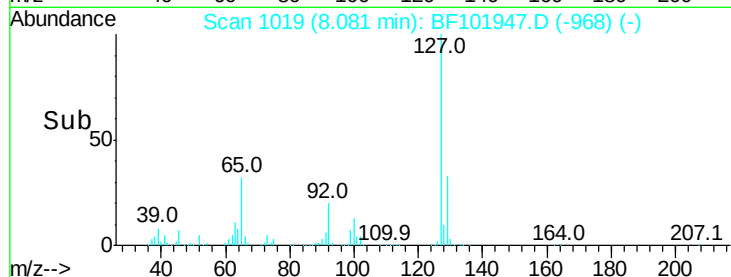
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	32.5	25.0	37.4
92	20.1	15.2	22.8

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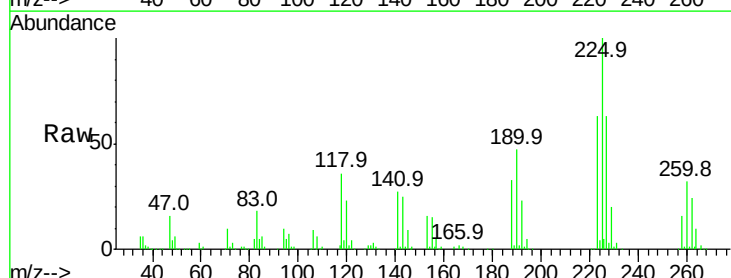


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

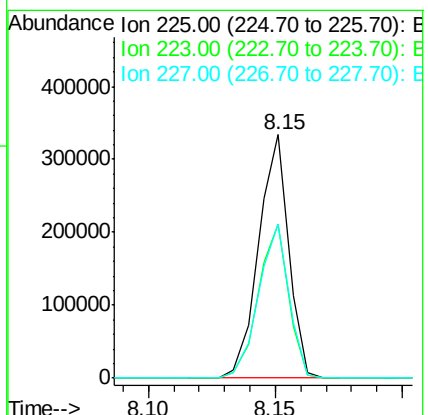
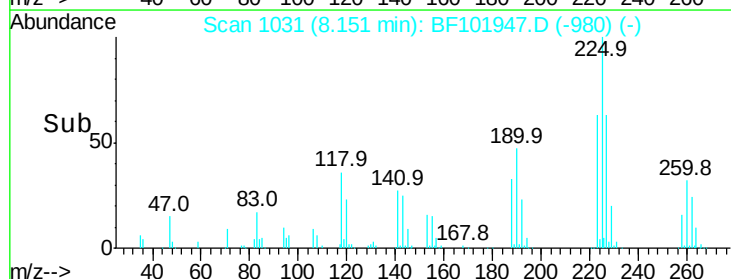


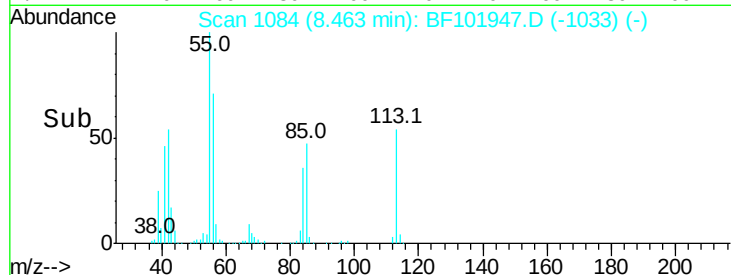
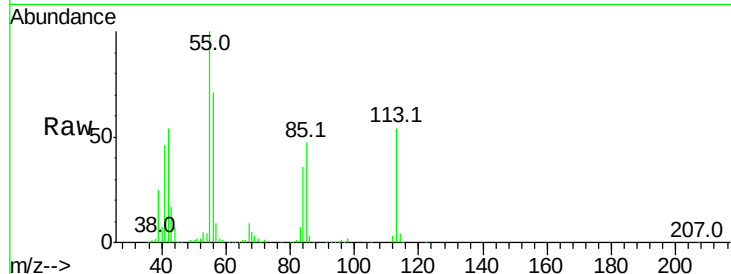
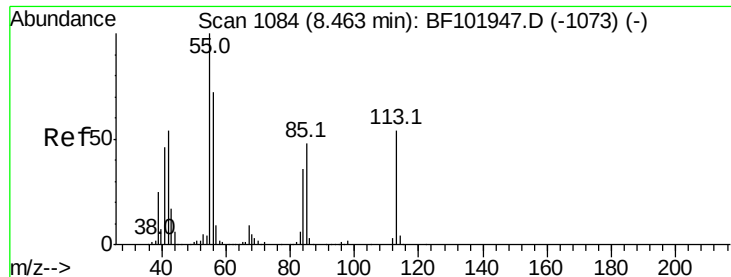
#34
Hexachlorobutadiene
Concen: 34.107 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.5	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





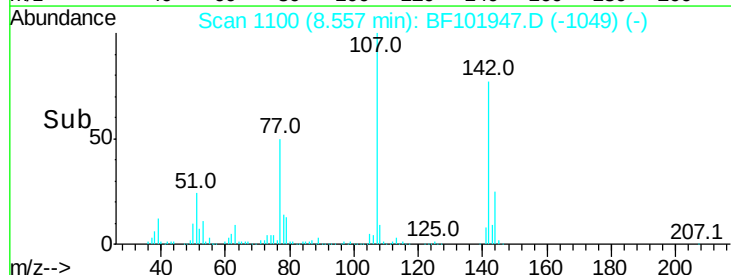
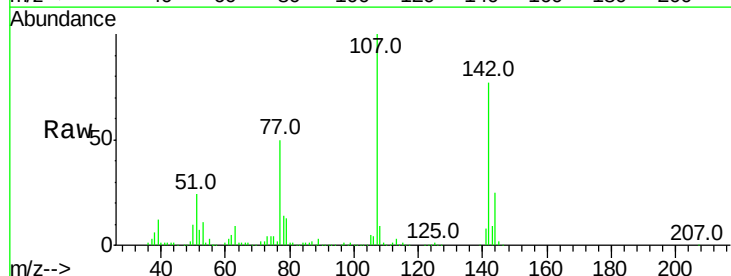
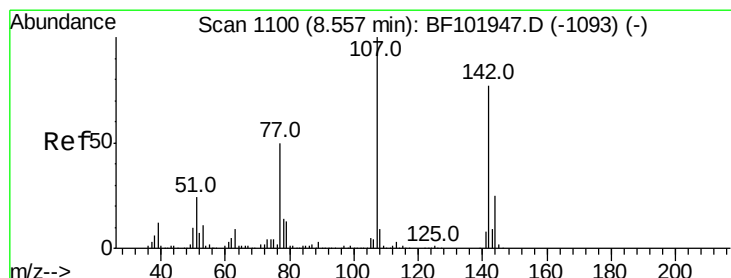
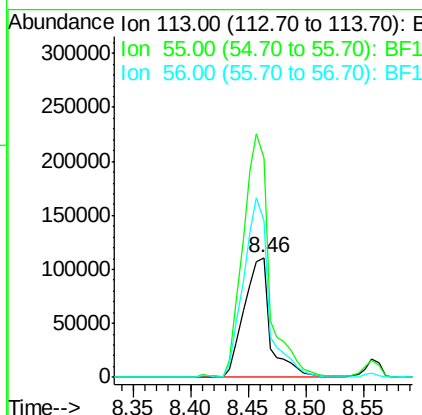
#35
Caprolactam
Concen: 38.172 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	184.0	163.3	203.3	
56	131.4	115.7	155.7	

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

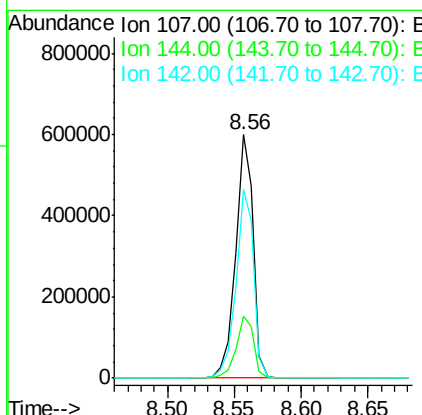
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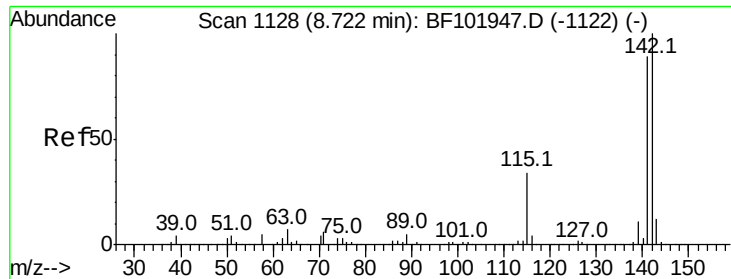
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#36
4-Chloro-3-methylphenol
Concen: 37.739 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.2	20.5	30.7	
142	77.3	62.0	93.0	





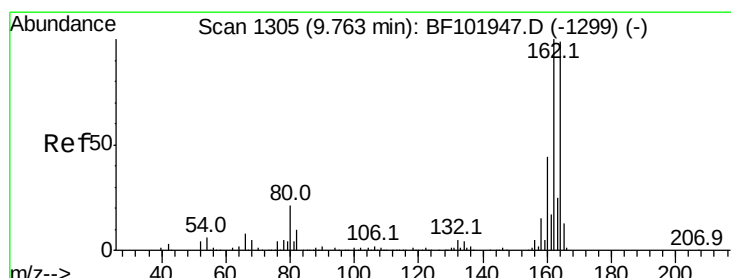
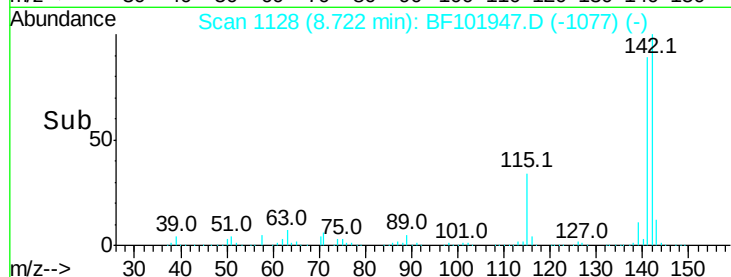
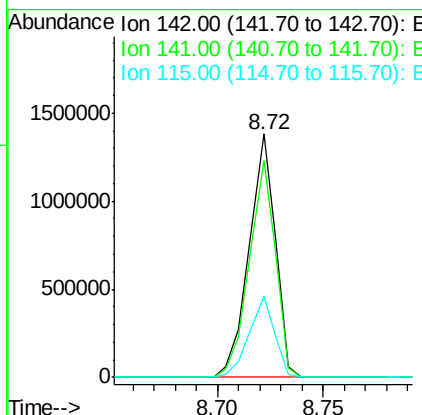
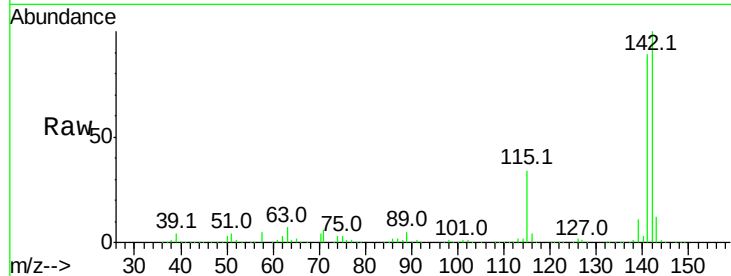
#37
 2-Methylnaphthalene
 Concen: 39.373 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	33.5	26.1	39.1

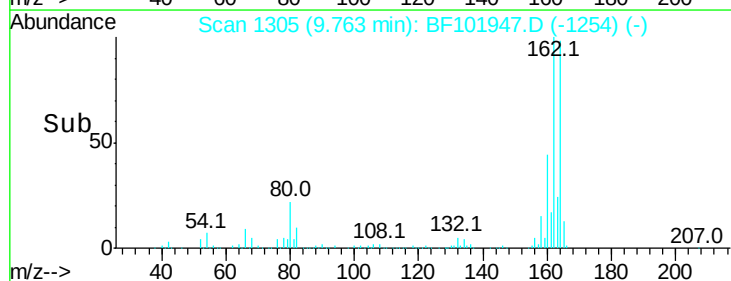
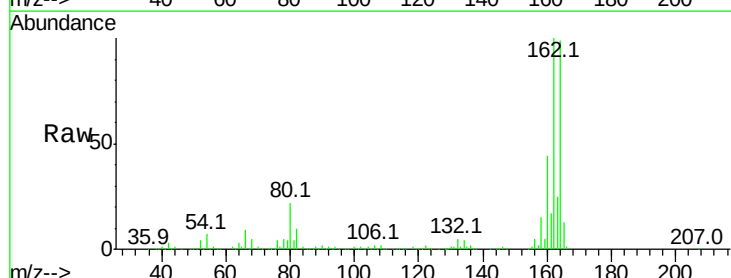
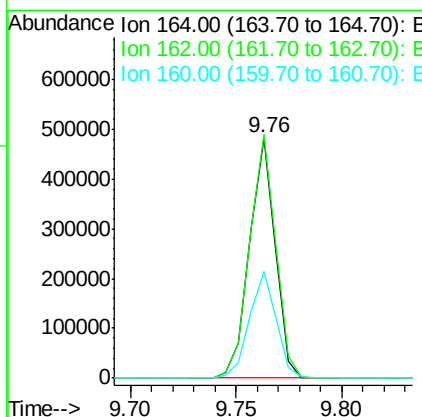
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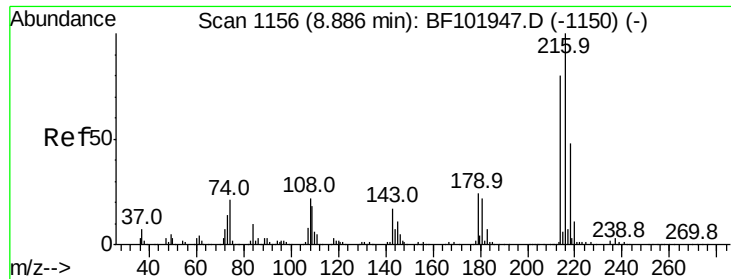
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	44.5	38.3	57.5





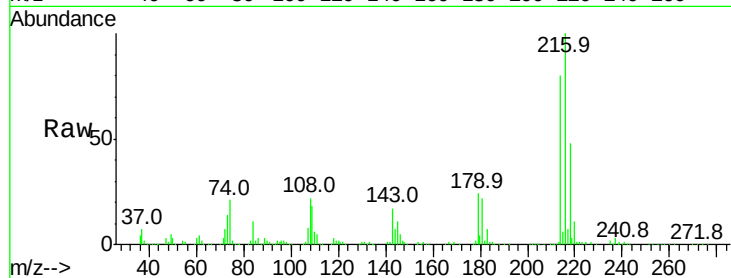
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.868 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

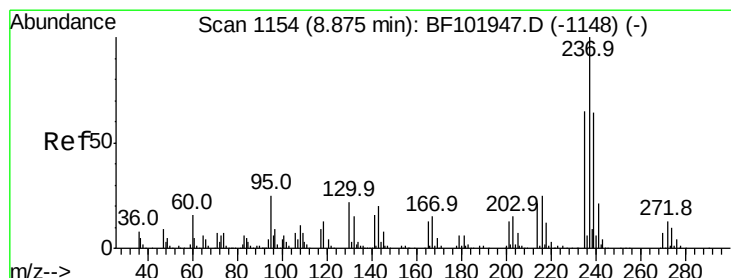
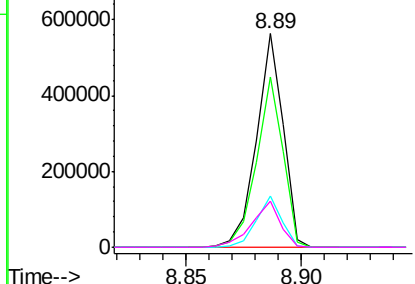
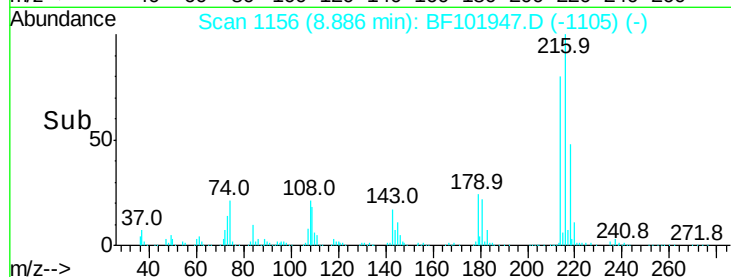
Tot Ion	Ratio	Resp	Lower	Upper
216	100	454831		
214	79.5	63.0	94.4	
179	23.1	18.1	27.1	
108	23.5	17.2	25.8	

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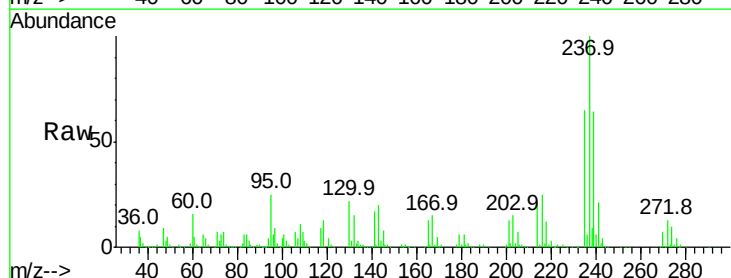


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

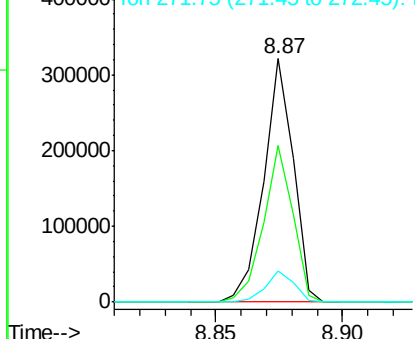
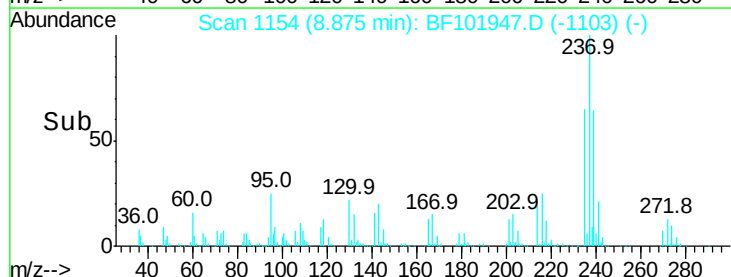


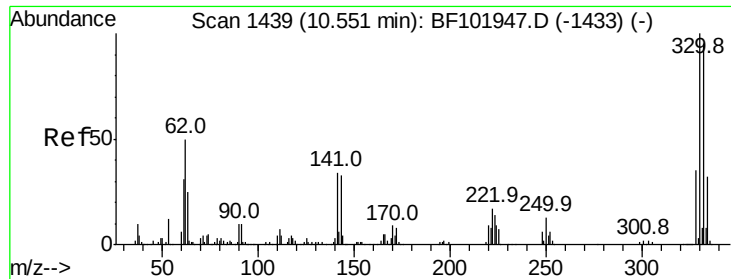
#40
 Hexachlorocyclopentadiene
 Concen: 144.256 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	261099		
235	64.5	44.8	84.8	
272	12.7	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





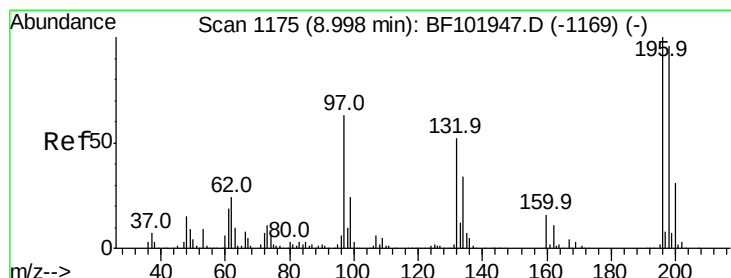
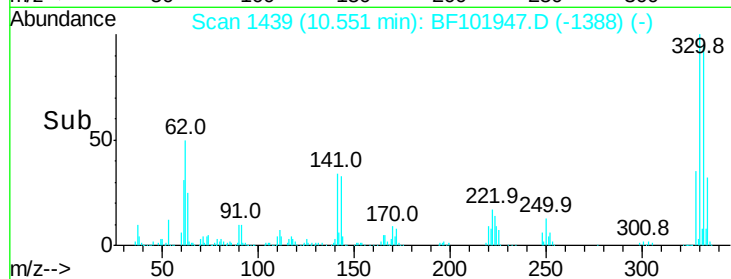
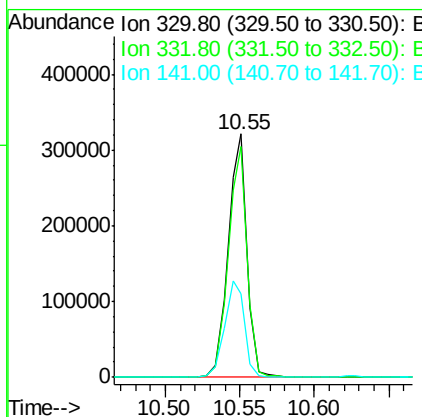
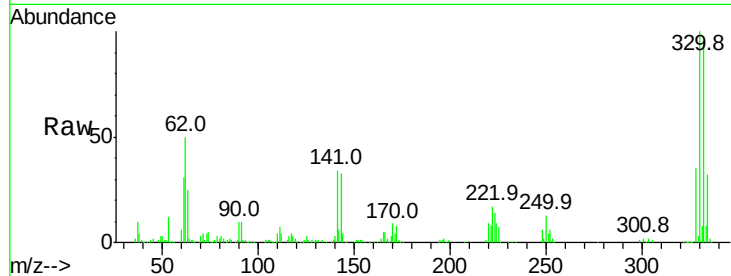
#41
 2,4,6-Tribromophenol
 Concen: 72.774 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	287410		
332	95.4	77.0	115.6	
141	42.1	29.9	44.9	

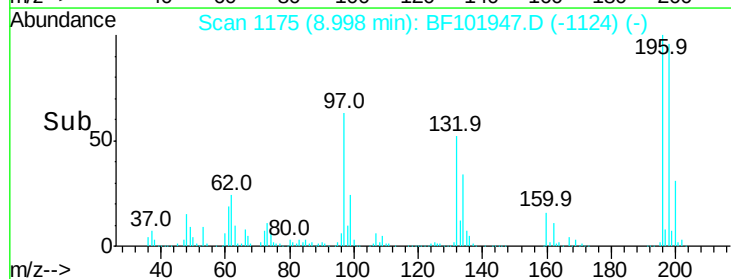
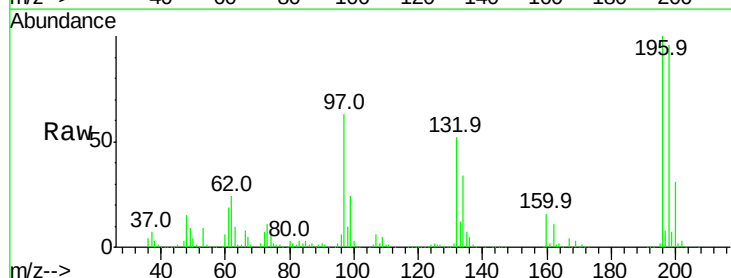
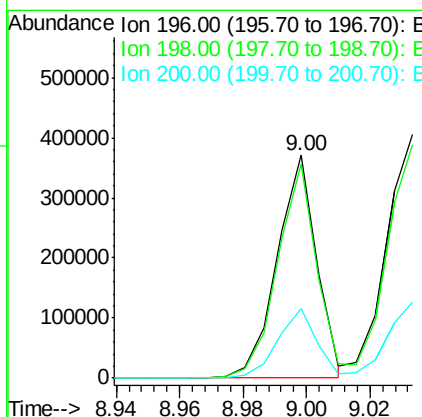
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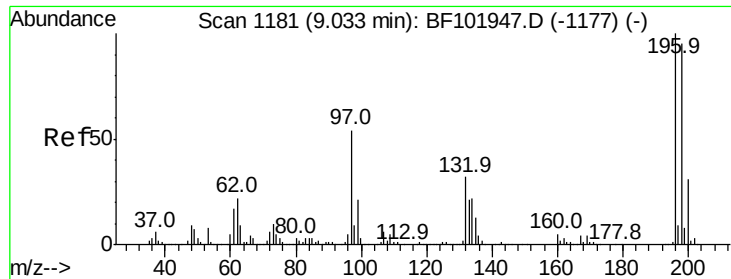
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#42
 2,4,6-Trichlorophenol
 Concen: 38.702 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	322420		
198	96.3	75.7	113.5	
200	31.0	24.5	36.7	





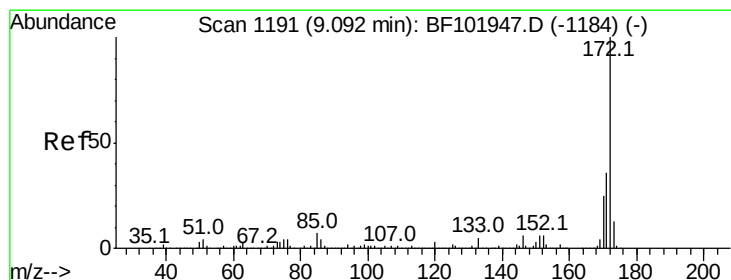
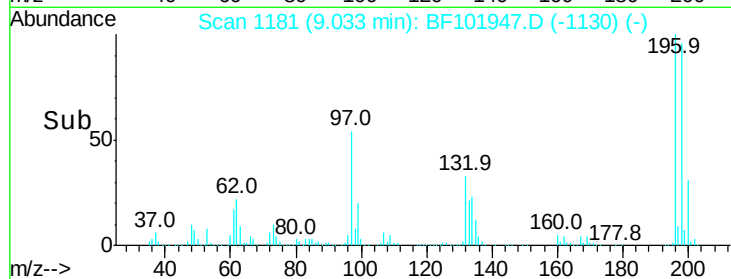
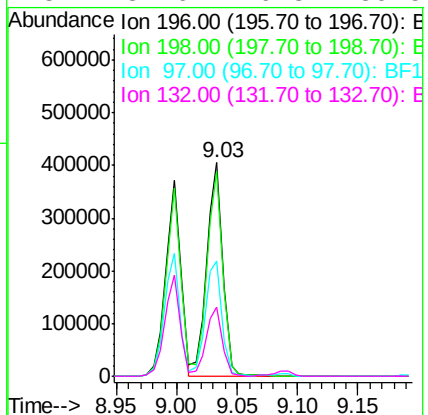
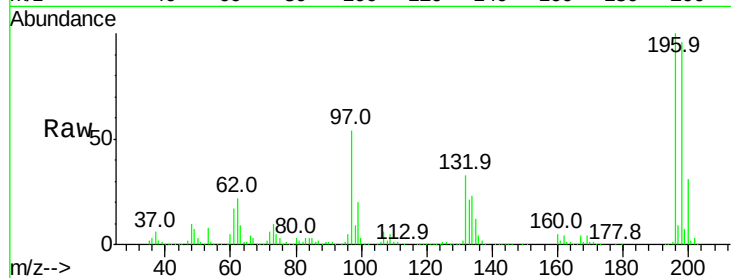
#43
 2,4,5-Trichlorophenol
 Concen: 40.442 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	196	Resp	368907
Ion Ratio	Lower	Upper	
196	100		
198	95.6	74.6	112.0
97	54.2	42.9	64.3
132	32.6	26.3	39.5

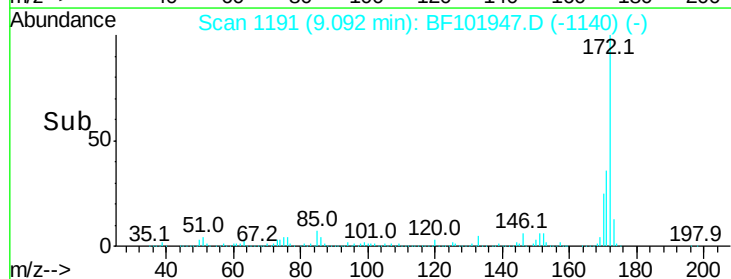
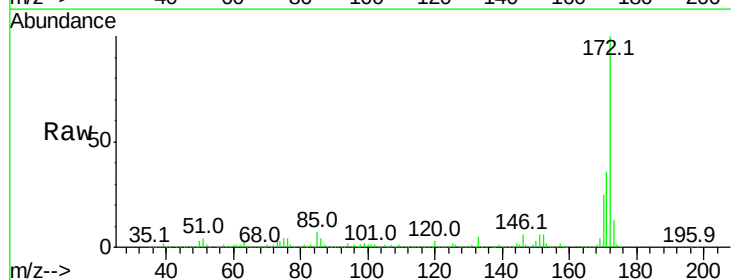
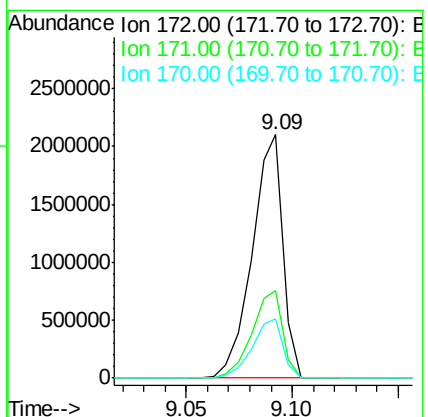
Manual Integrations
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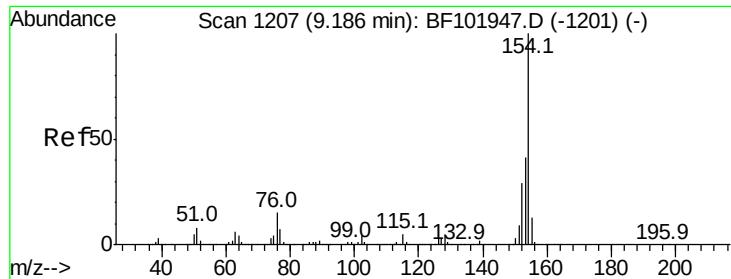
Sohil
 1/10/2018 11:44:52 AM



#44
 2-Fluorobiphenyl
 Concen: 80.342 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Tgt Ion	172	Resp	2122782
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.972 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1416570

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

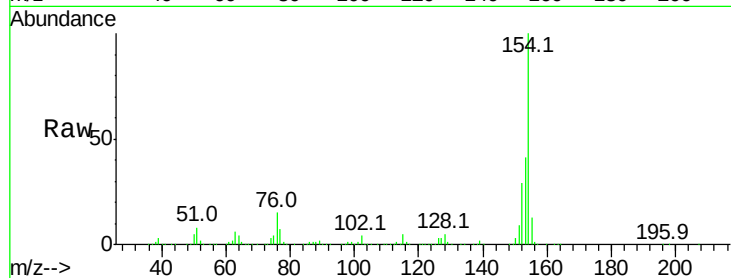
76 15.1 0.0 34.0

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Sohil

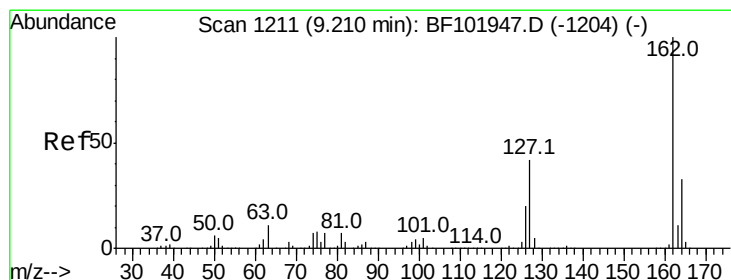
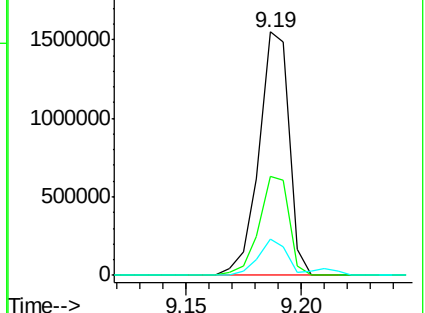
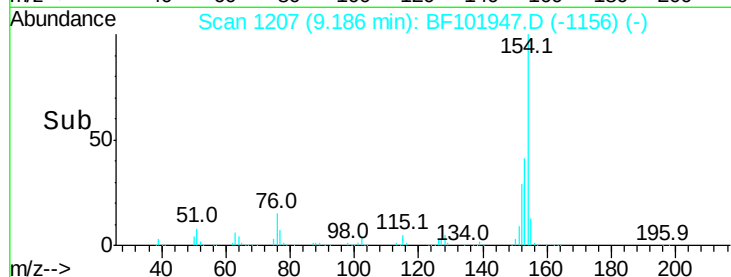
1/10/2018 11:44:52 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 39.523 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

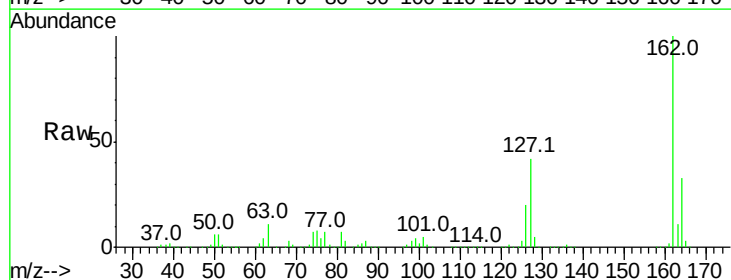
Tgt Ion:162 Resp: 1099241

Ion Ratio Lower Upper

162 100

127 42.1 33.9 50.9

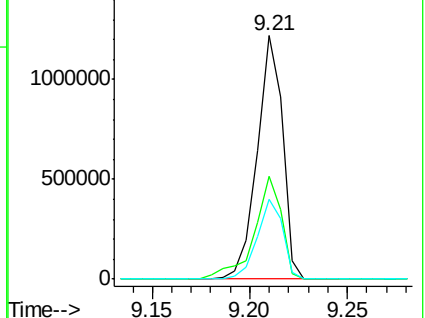
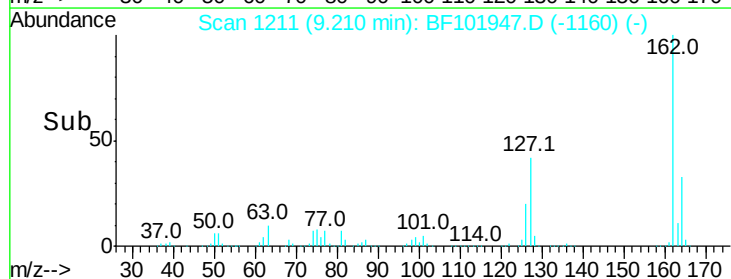
164 32.7 26.5 39.7

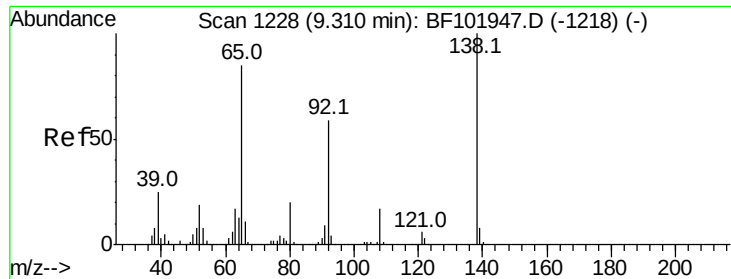


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





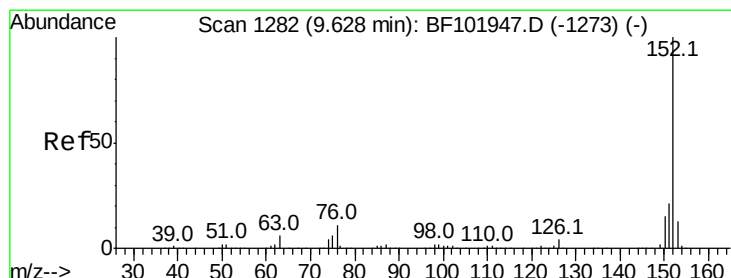
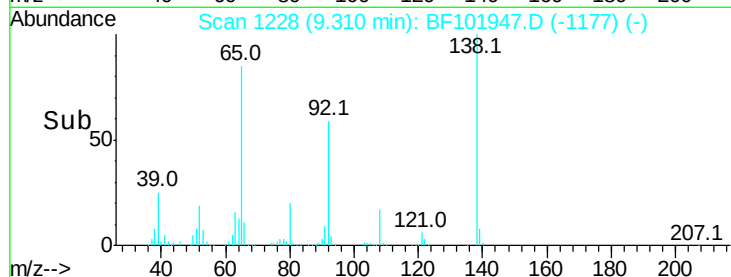
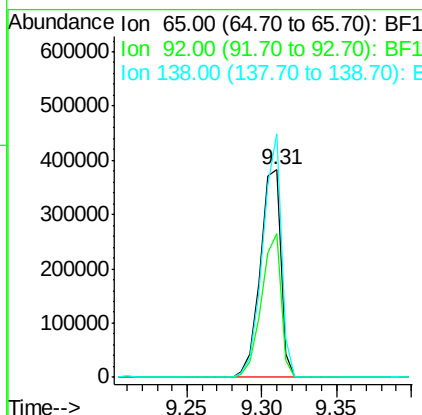
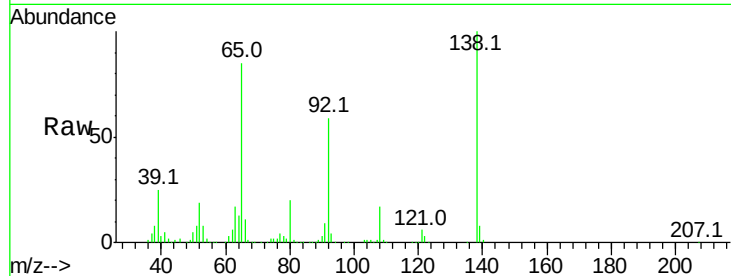
#47
2-Nitroaniline
Concen: 37.782 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.4	55.8	83.6
138	117.4	91.2	136.8

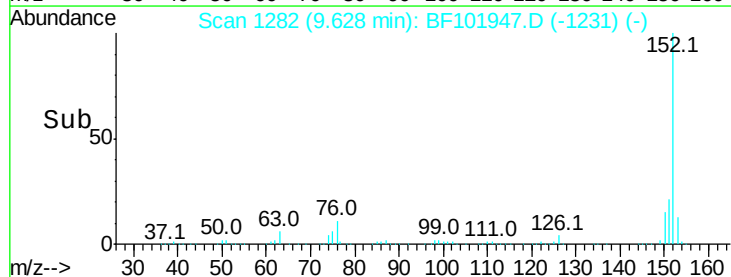
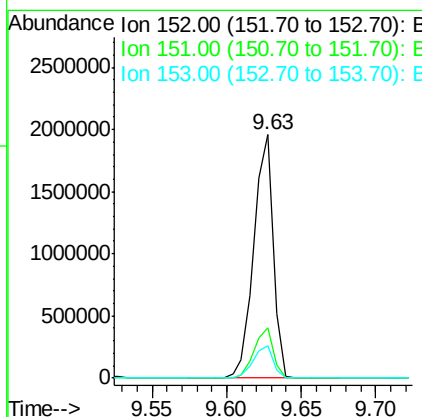
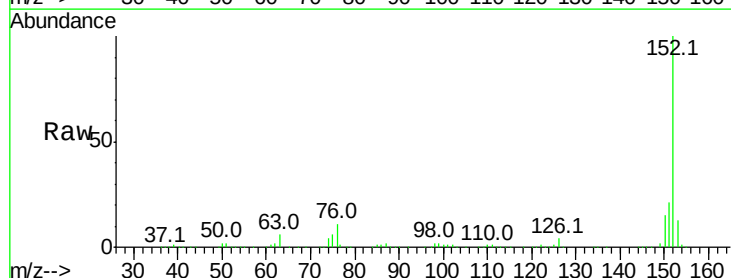
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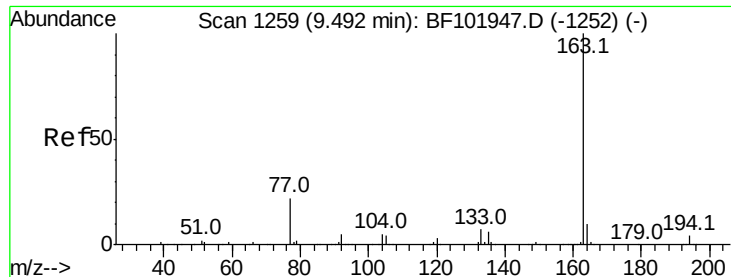
Sohil
1/10/2018 11:44:52 AM



#48
Acenaphthylene
Concen: 39.767 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.2	10.7	16.1





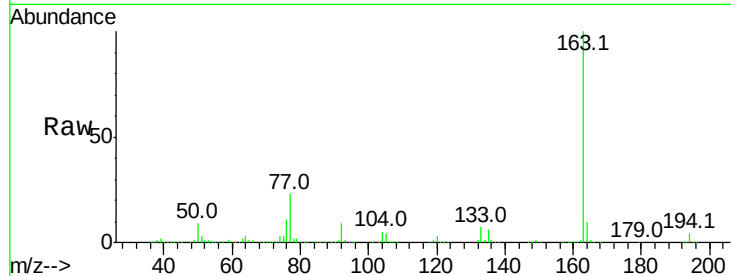
#49
Dimethylphthalate
Concen: 39.100 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

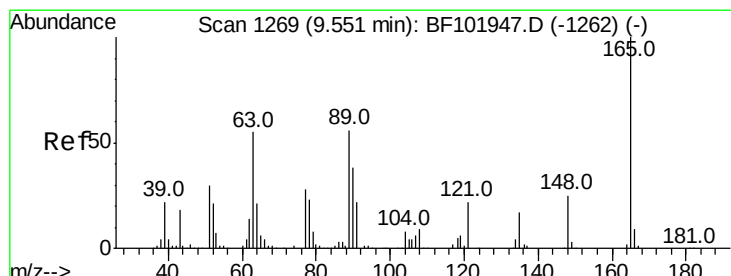
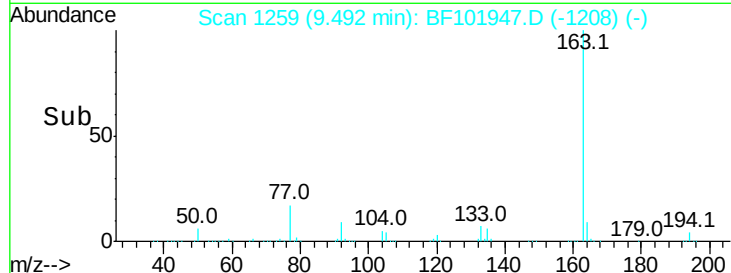
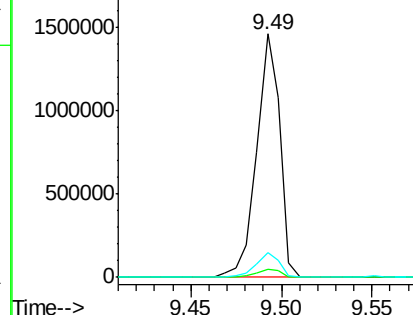
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2

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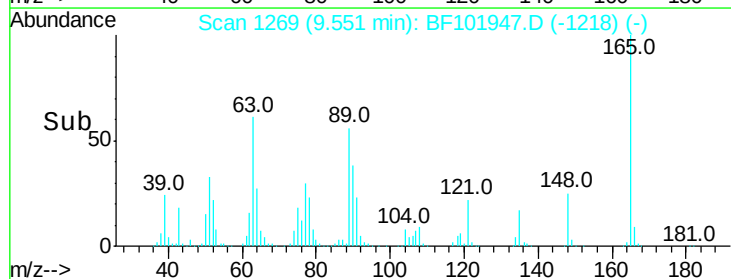
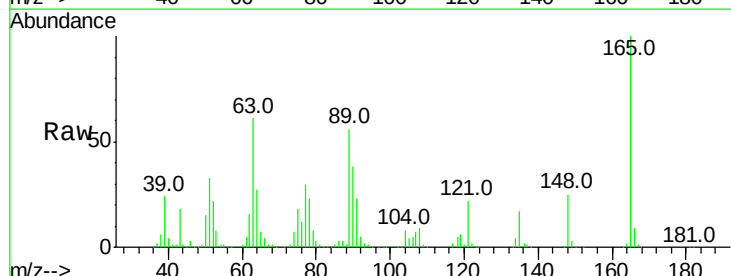
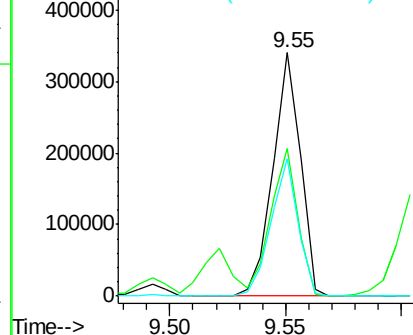
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

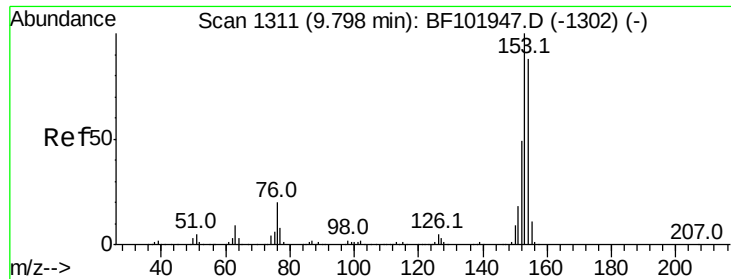


#50
2,6-Dinitrotoluene
Concen: 42.014 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.8	44.7	67.1
89	56.2	44.0	66.0

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





#51

Acenaphthene

Concen: 39.966 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1054809

Ion Ratio Lower Upper

154 100

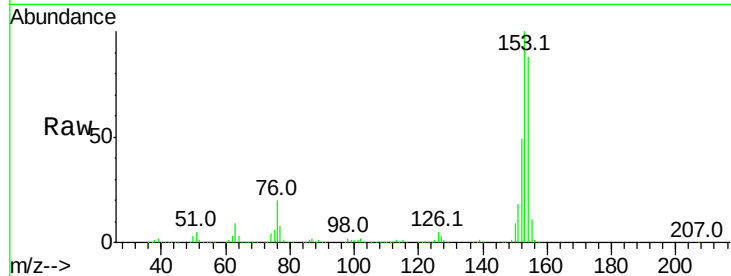
153 113.2 91.2 136.8

152 55.1 43.8 65.8

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Sohil

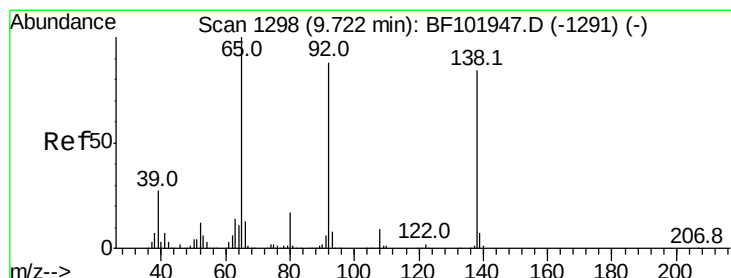
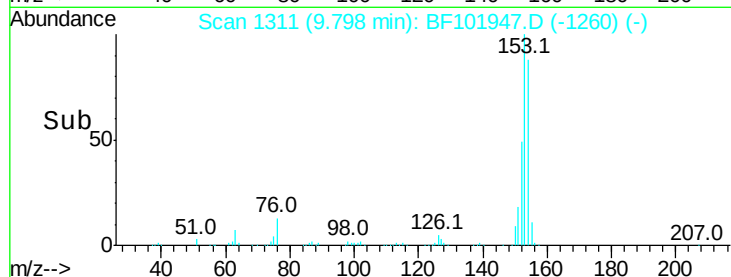
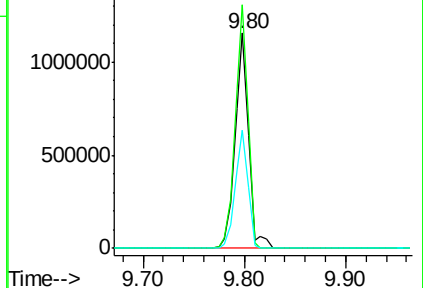
1/10/2018 11:44:52 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.874 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

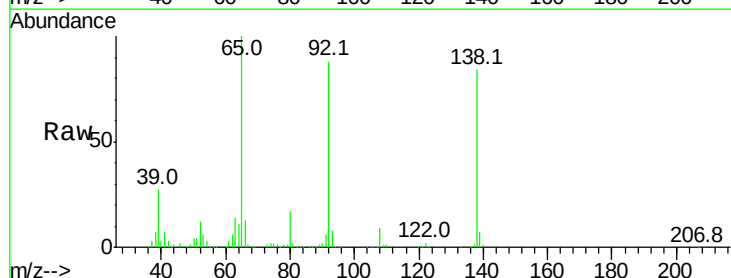
Tgt Ion:138 Resp: 349808

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

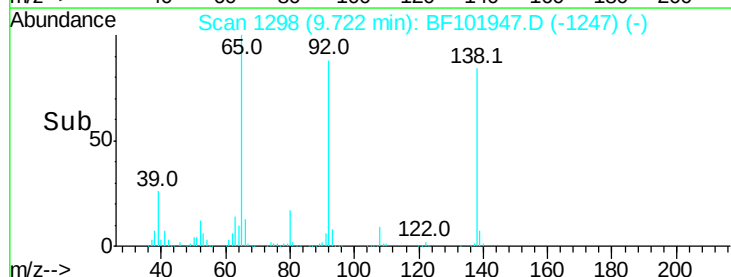
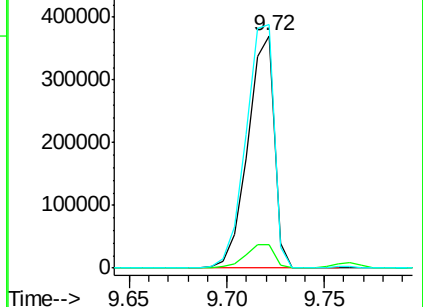
92 104.6 89.4 134.2

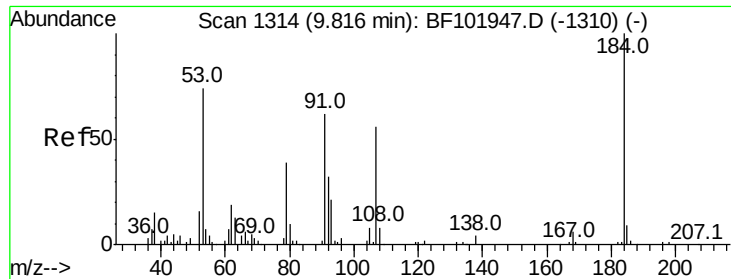


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





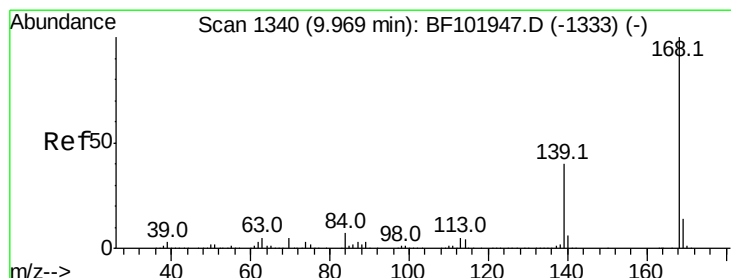
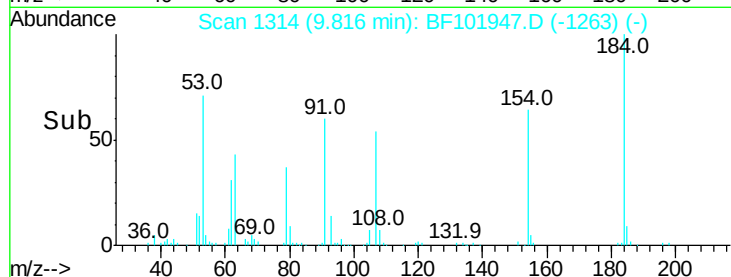
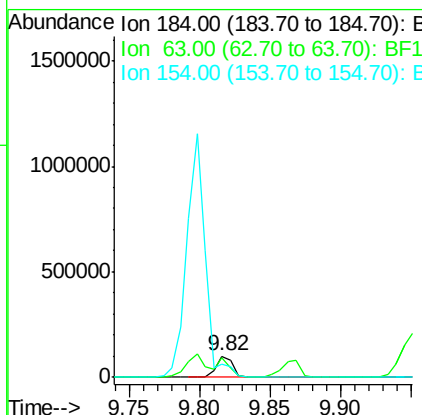
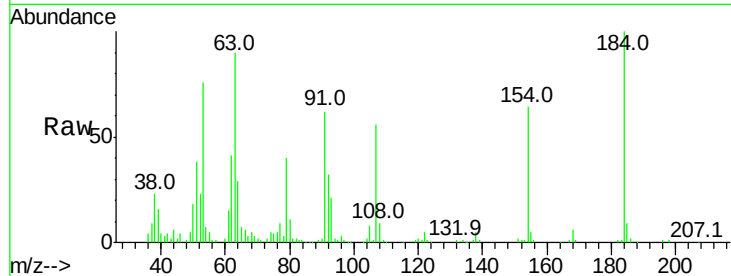
#53
2,4-Dinitrophenol
Concen: 46.701 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:184 Resp: 83541
Ion Ratio Lower Upper
184 100
63 89.7 54.2 81.2#
154 64.0 184.0 276.0#

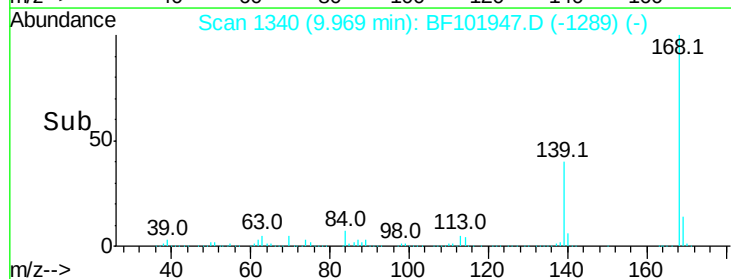
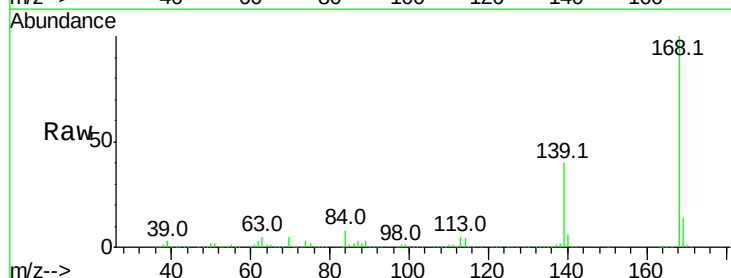
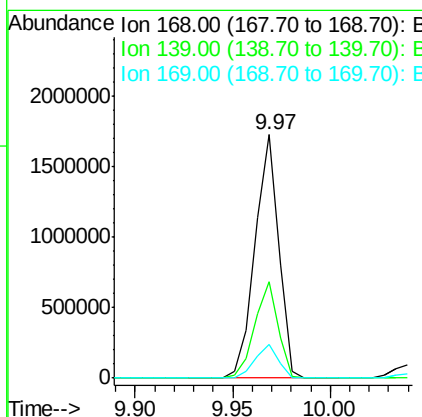
Manual Integrations
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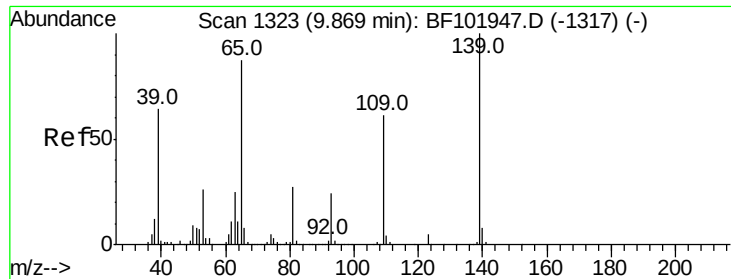
Sohil
1/10/2018 11:44:52 AM



#54
Dibenzofuran
Concen: 43.338 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion:168 Resp: 1453593
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.6 10.9 16.3





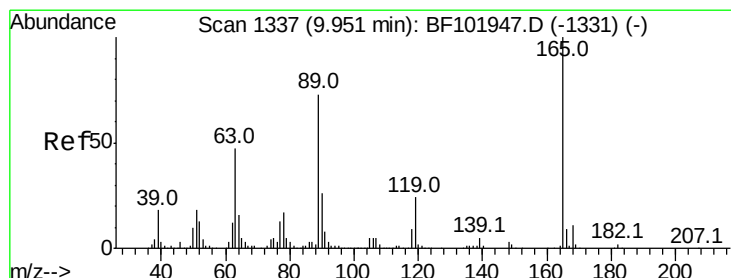
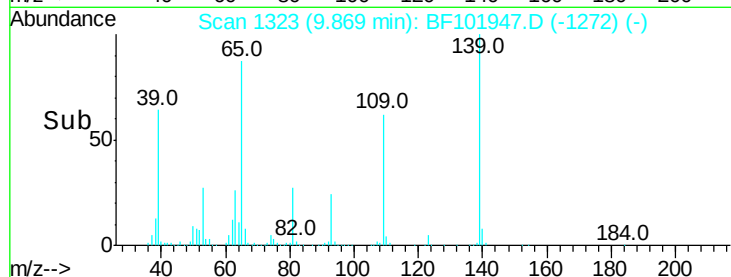
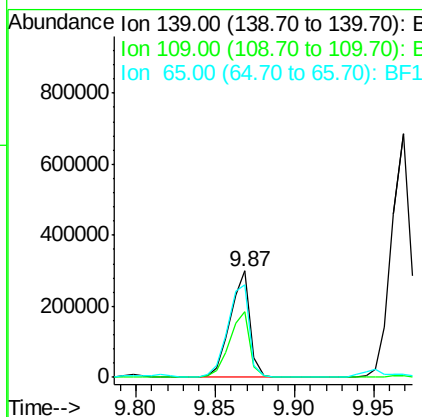
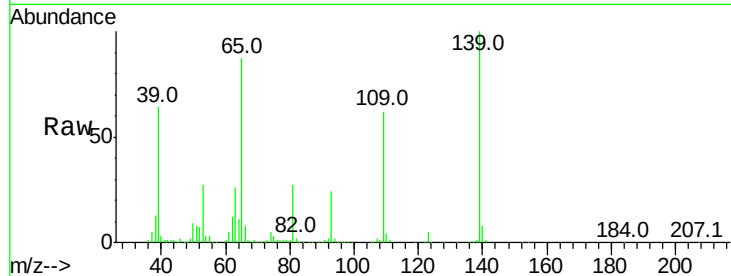
#55
4-Nitrophenol
Concen: 72.530 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.6	48.4	88.4
65	87.0	72.6	112.6

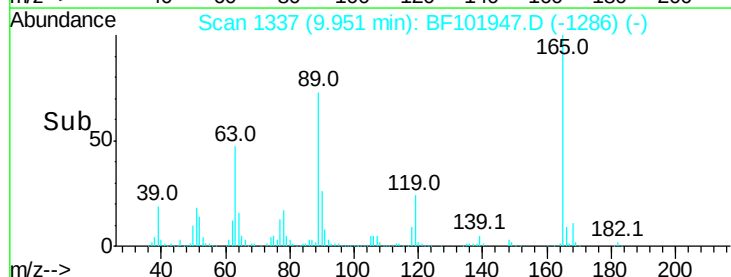
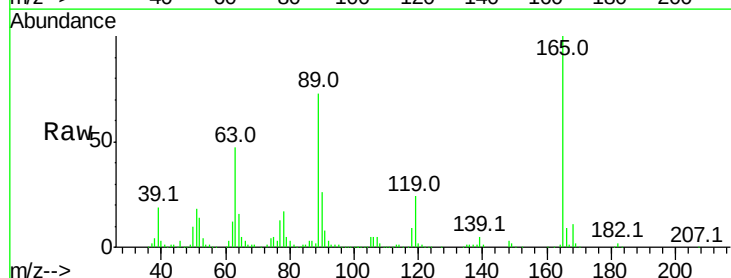
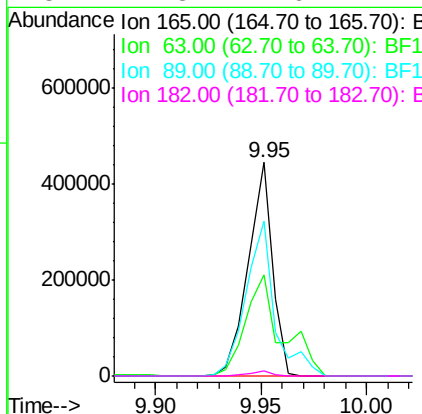
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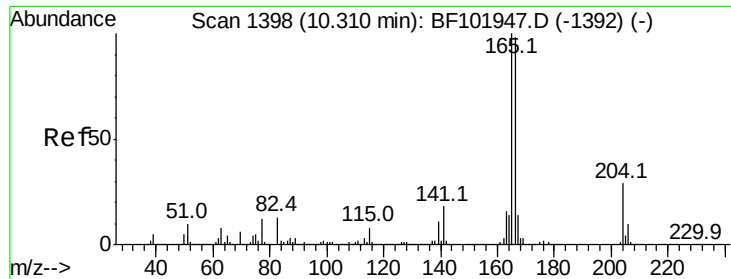
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.427 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.2	36.4	54.6
89	72.7	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 36.424 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:166 Resp: 1033463

Ion Ratio Lower Upper

166 100

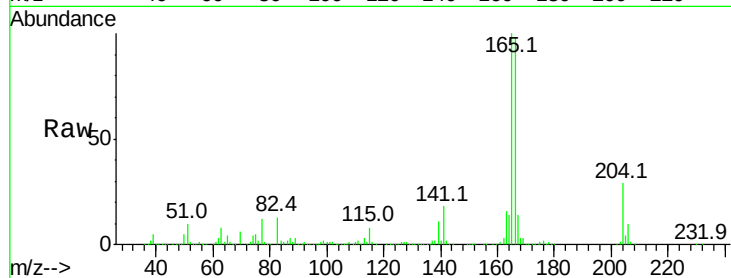
165 101.6 79.8 119.8

167 14.1 10.6 16.0

Manual Integrations
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Sohil

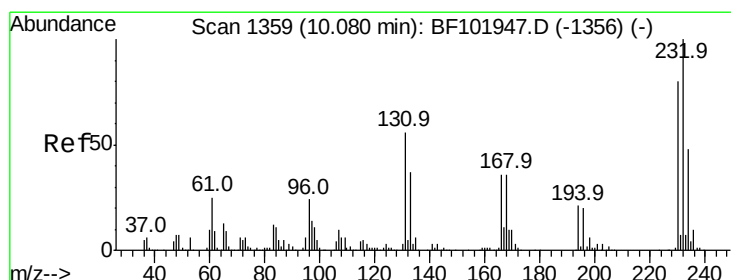
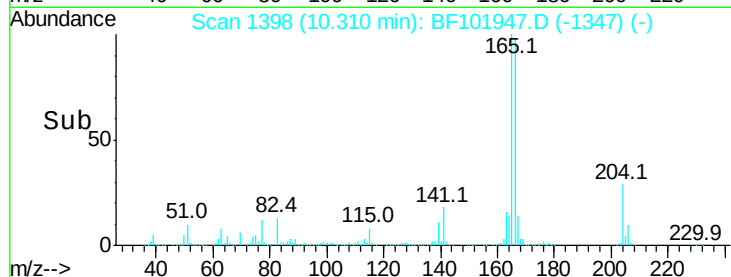
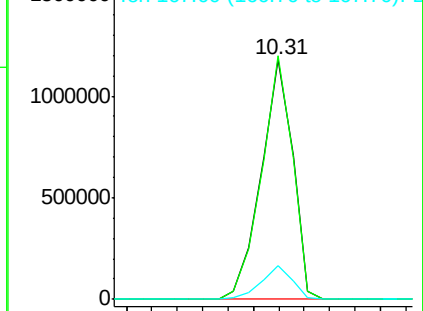
1/10/2018 11:44:52 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.884 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Tgt Ion:232 Resp: 261383

Ion Ratio Lower Upper

232 100

131 55.0 43.8 65.8

130 2.5 2.1 3.1

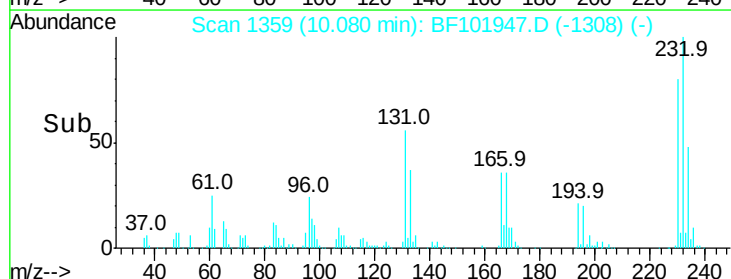
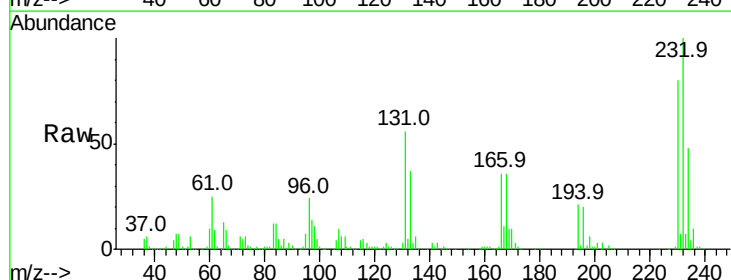
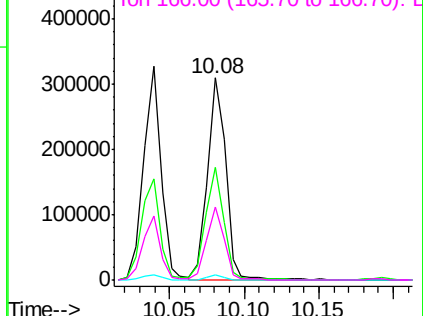
166 35.2 27.8 41.6

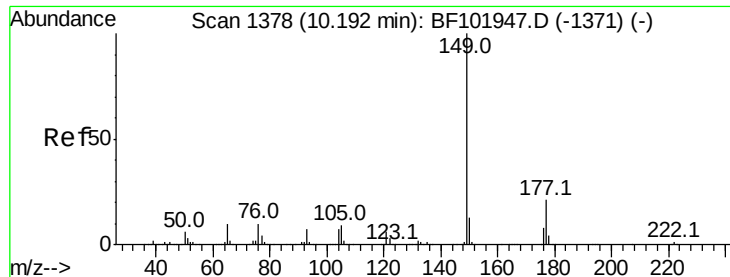
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.198 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1279716

Ion Ratio Lower Upper

149 100

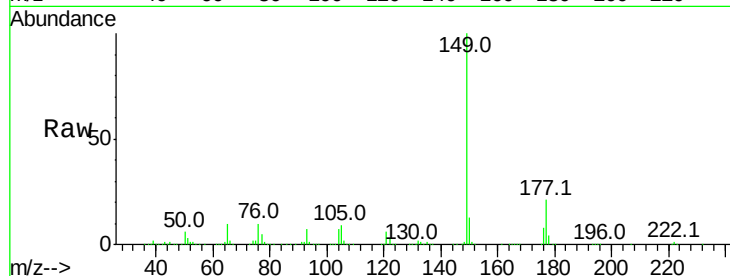
177 20.9 16.1 24.1

150 12.6 10.1 15.1

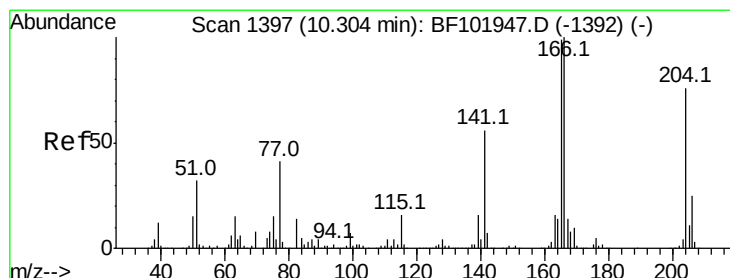
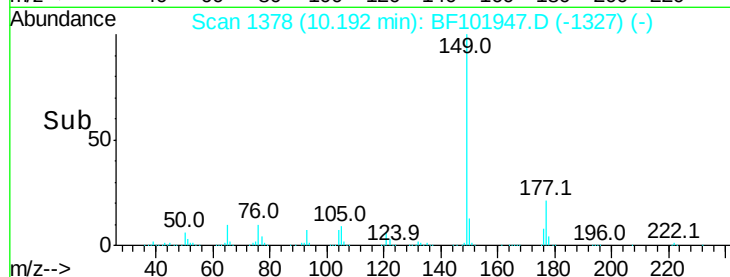
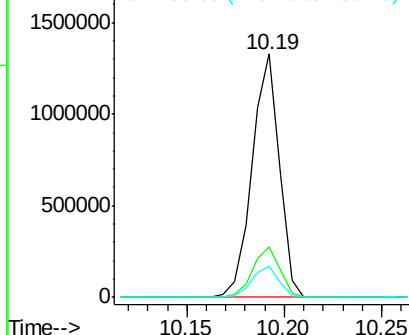
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.208 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

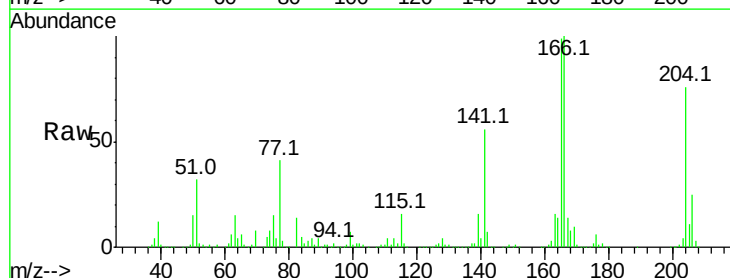
Tgt Ion:204 Resp: 437974

Ion Ratio Lower Upper

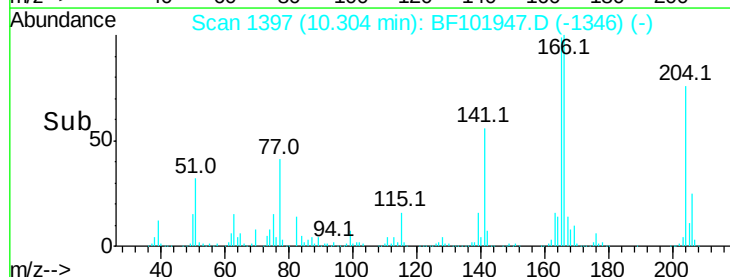
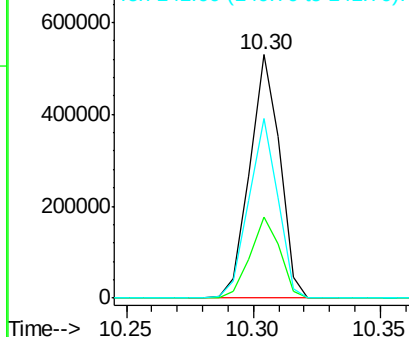
204 100

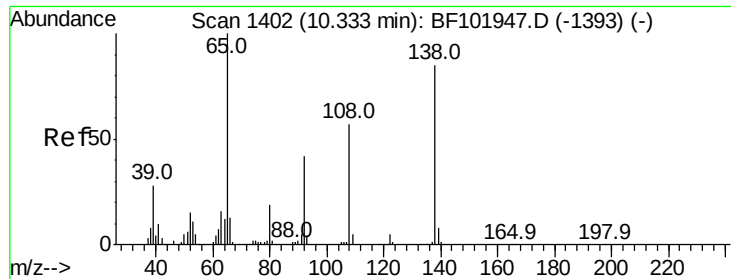
206 33.4 26.5 39.7

141 74.0 54.6 81.8



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





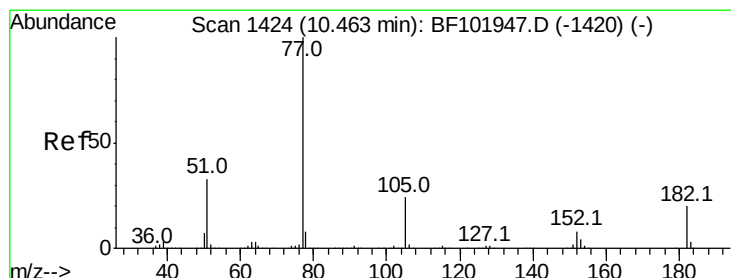
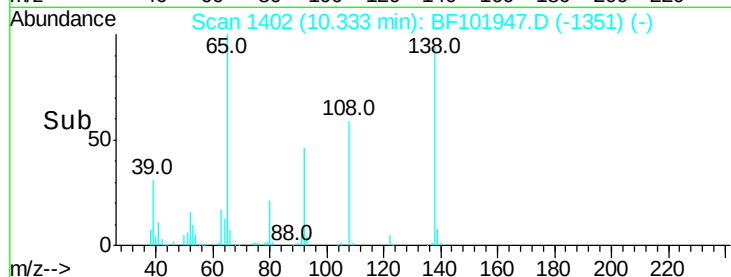
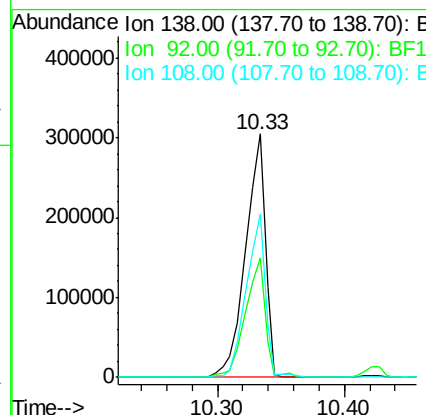
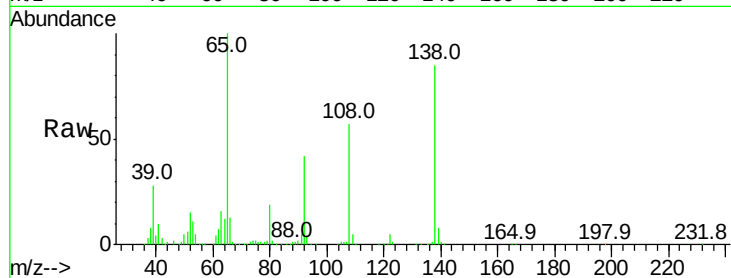
#61
4-Nitroaniline
Concen: 39.322 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.3	30.2	70.2
108	67.1	52.5	92.5

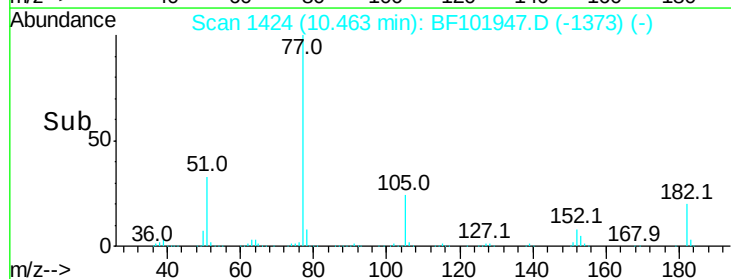
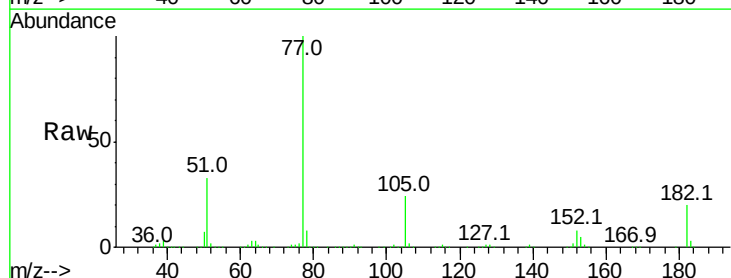
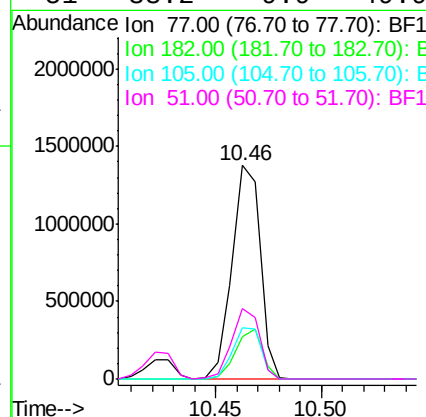
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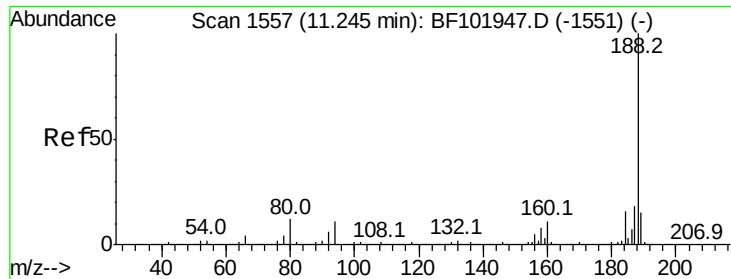
Sohil
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#62
Azobenzene
Concen: 37.523 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	1.7	41.7
105	23.8	3.0	43.0
51	33.2	9.9	49.9





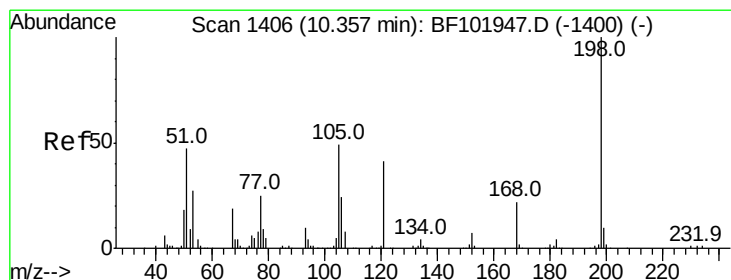
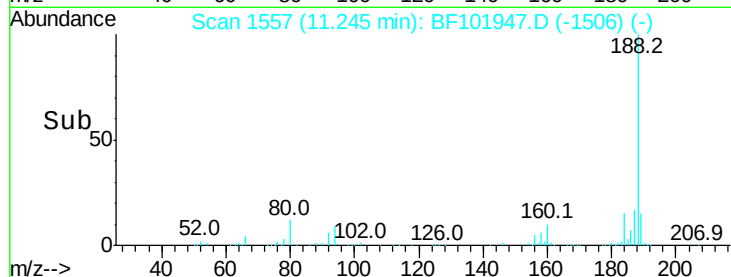
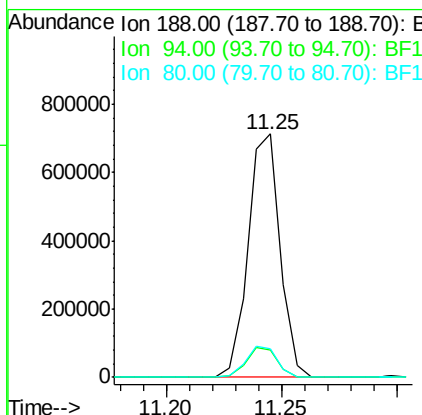
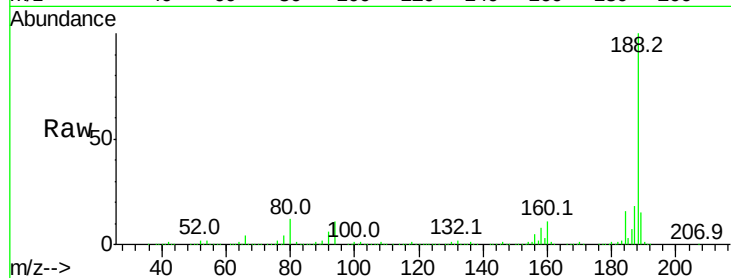
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTD1CCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.4	8.5	12.7	
80	12.0	9.2	13.8	

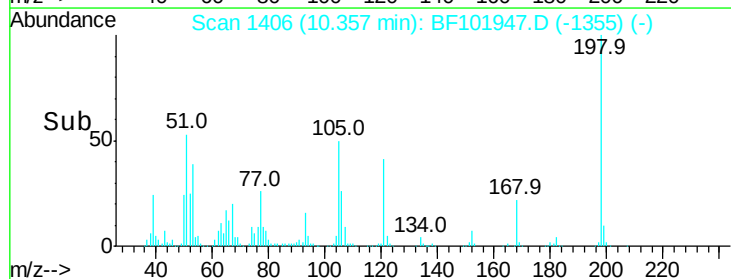
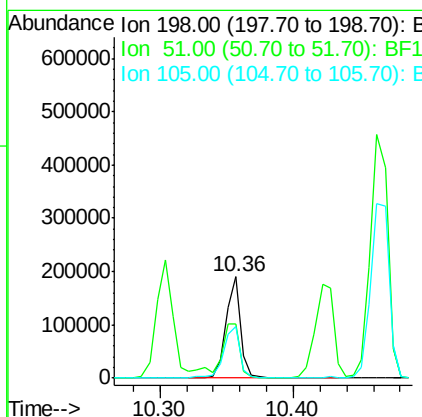
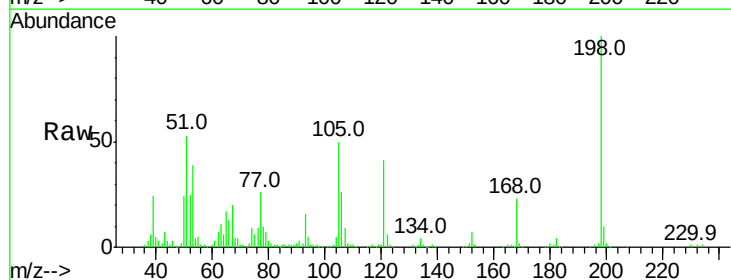
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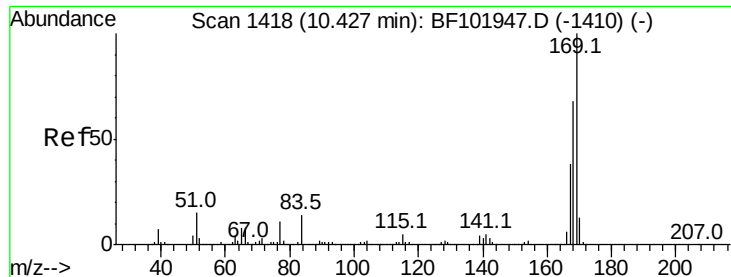
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.882 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	53.1	37.7	77.7	
105	50.4	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 39.350 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:169 Resp: 1000543

Ion Ratio Lower Upper

169 100

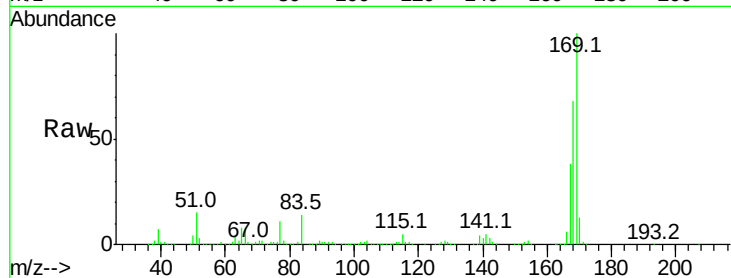
168 68.2 54.4 81.6

167 38.1 29.8 44.6

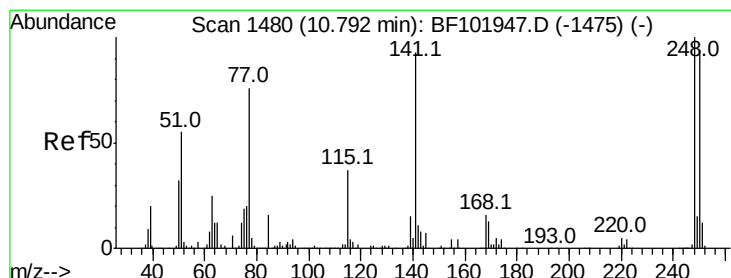
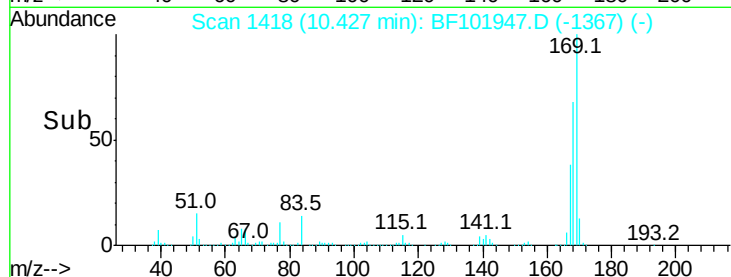
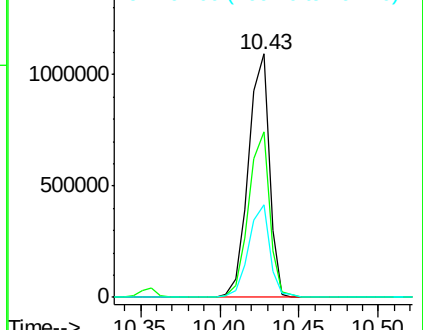
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.409 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

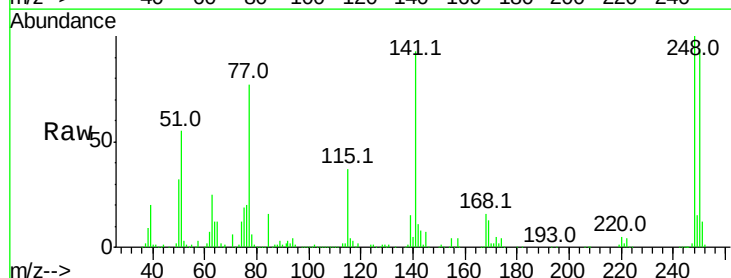
Tgt Ion:248 Resp: 289450

Ion Ratio Lower Upper

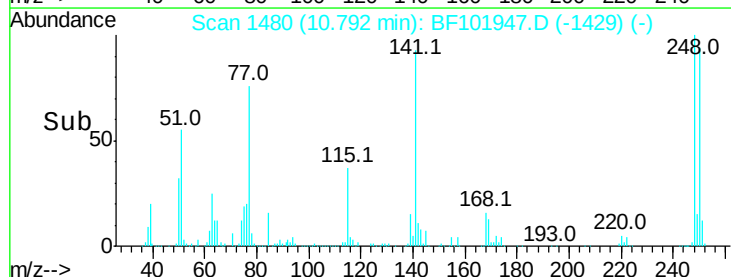
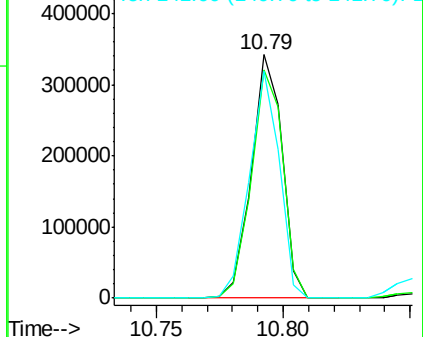
248 100

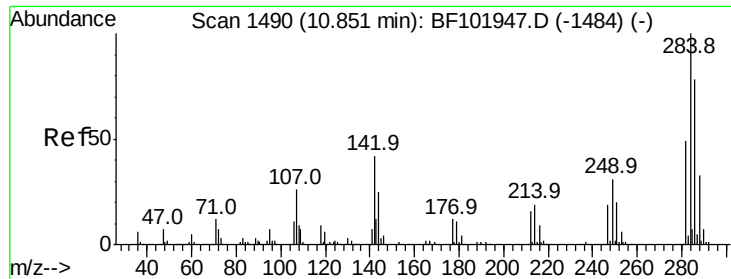
250 93.9 76.9 115.3

141 93.5 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.622 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

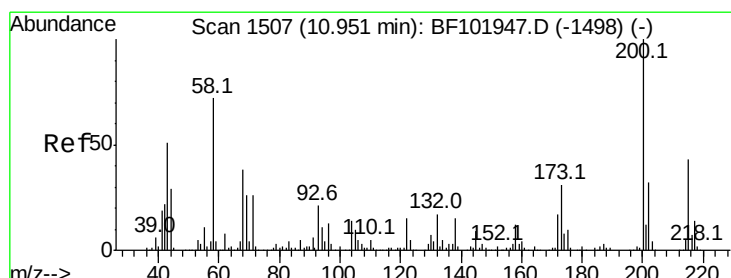
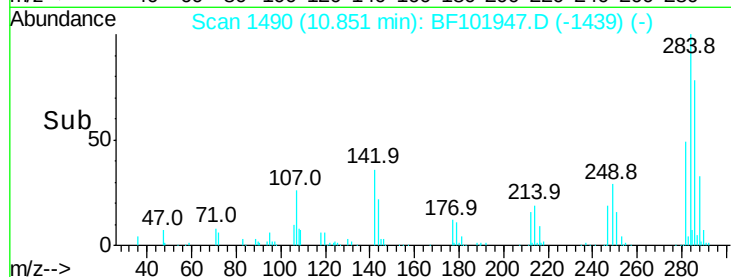
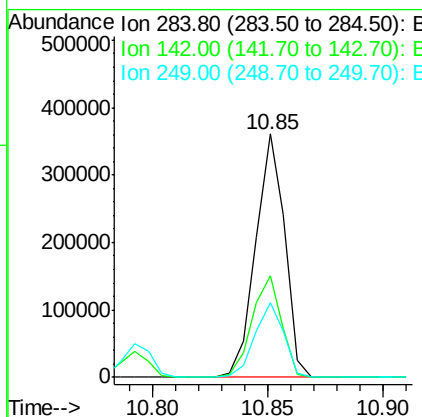
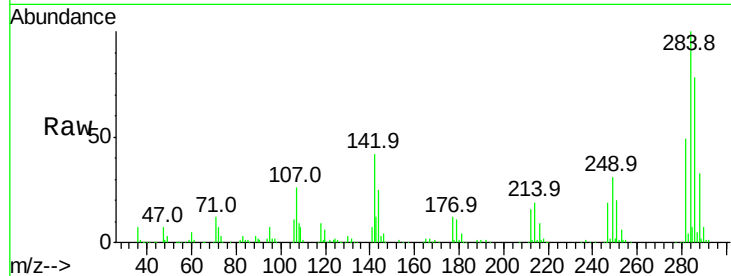
ClientSampleId :

SSTDICCC040

Tot Ion:	284	Resp:	316281
Ion Ratio	Lower	Upper	
284	100		
142	41.8	34.6	52.0
249	30.9	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 39.778 ng

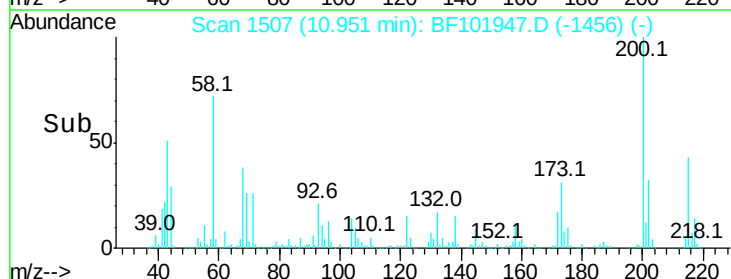
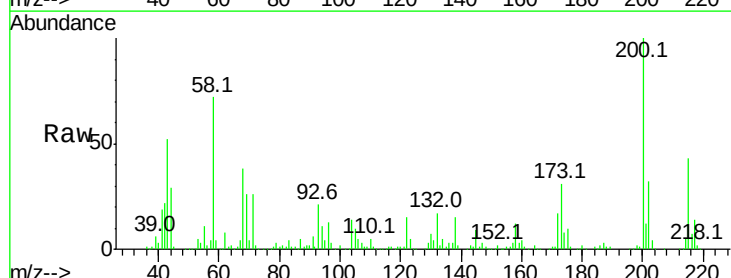
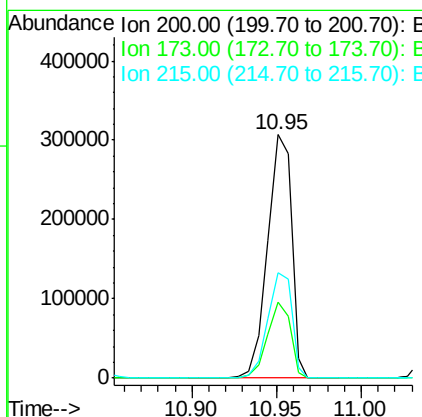
RT: 10.95 min Scan# 1507

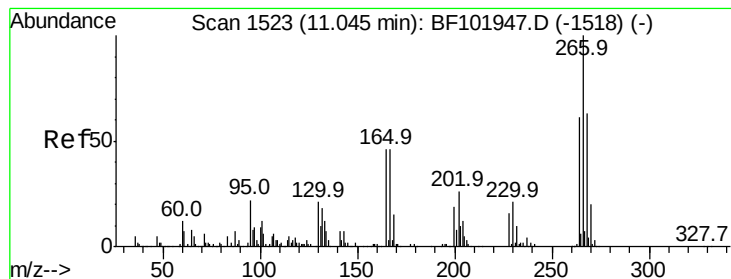
Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Tgt Ion:	200	Resp:	301581
Ion Ratio	Lower	Upper	
200	100		
173	31.0	8.6	48.6
215	43.2	25.1	65.1





#69

Pentachlorophenol

Concen: 76.748 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:266 Resp: 207683

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

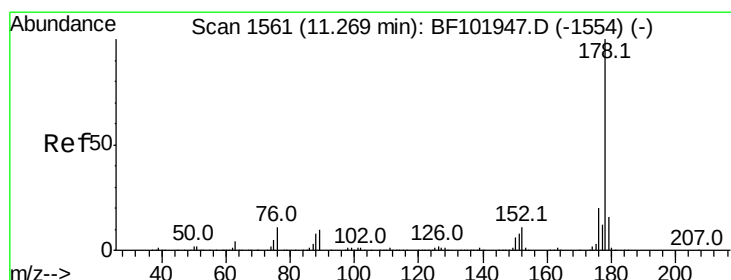
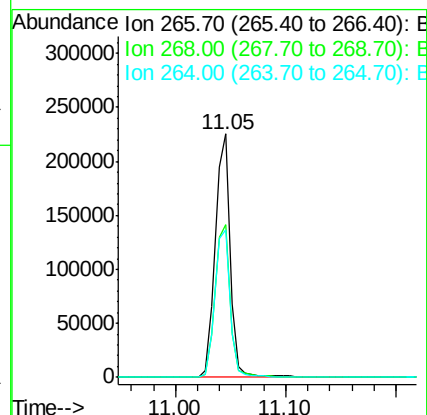
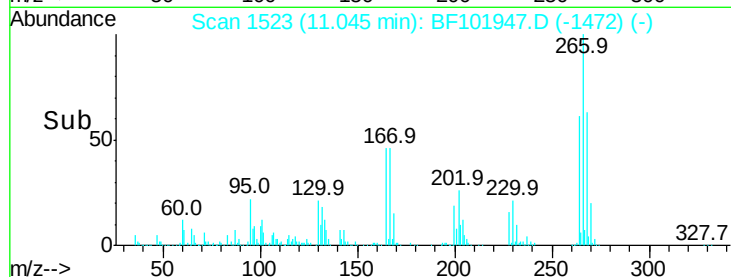
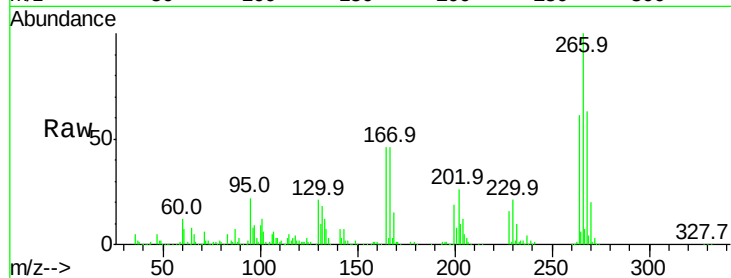
264 60.6 49.5 74.3

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#70

Phenanthrene

Concen: 40.798 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

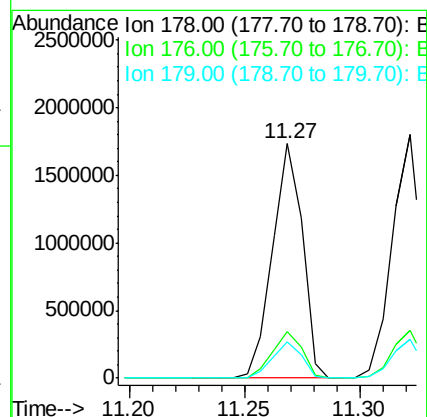
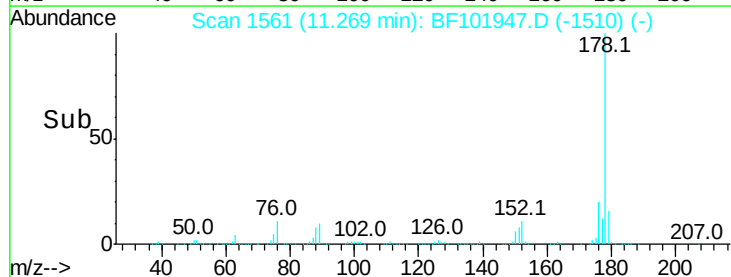
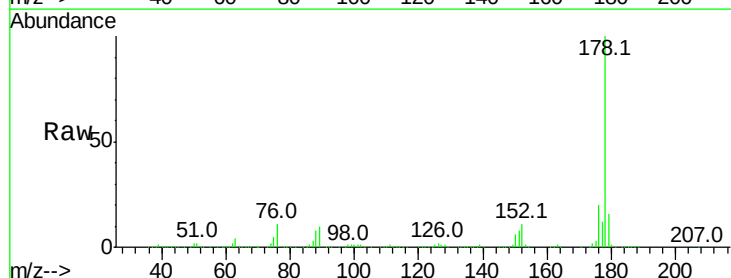
Tgt Ion:178 Resp: 1562326

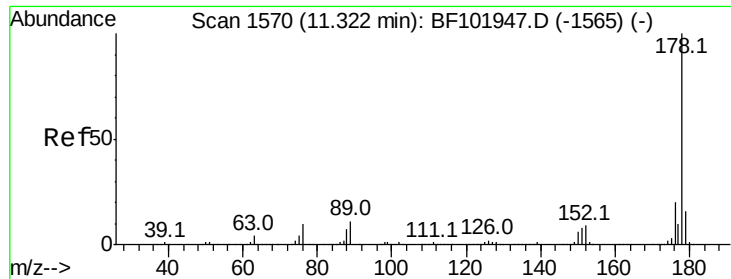
Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

179 15.6 13.0 19.6





#71
 Anthracene
 Concen: 40.412 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

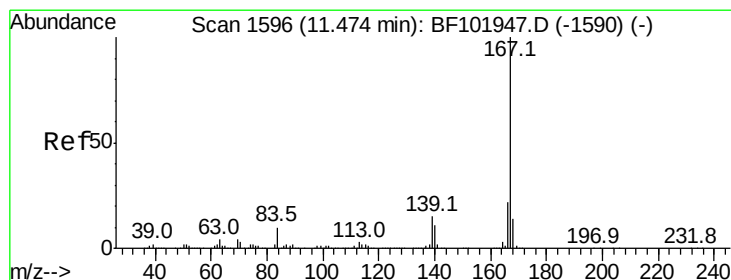
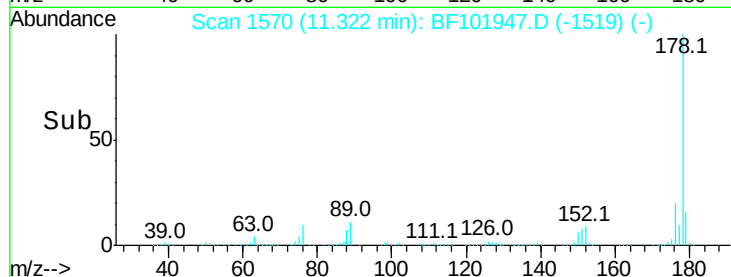
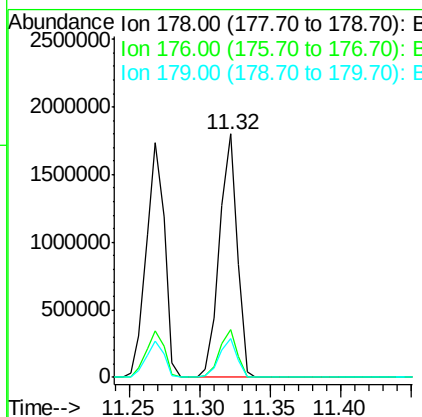
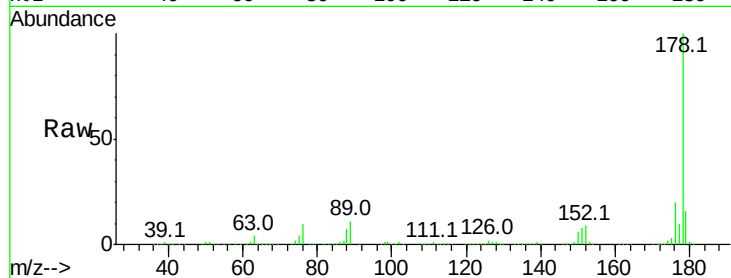
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 1580793

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.8	12.6	19.0

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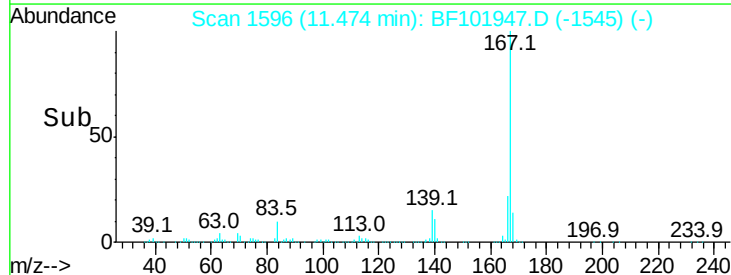
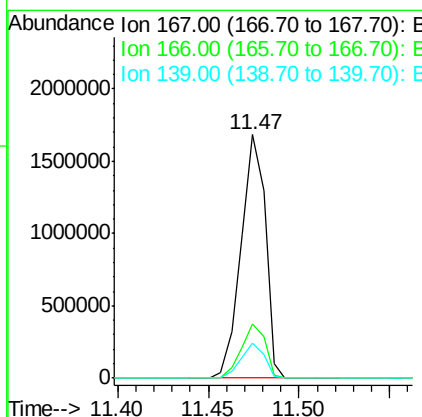
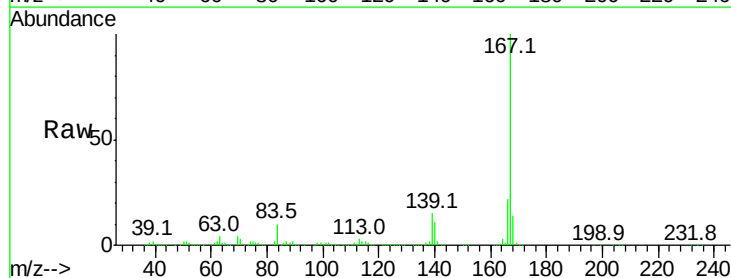
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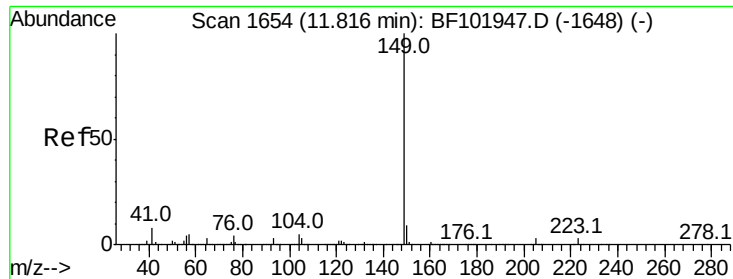


#72
 Carbazole
 Concen: 42.868 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Tgt Ion:167 Resp: 1569960

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	14.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.952 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1953707

Ion Ratio Lower Upper

149 100

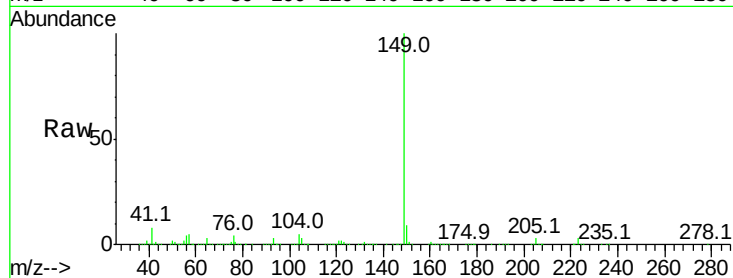
150 9.4 7.8 11.6

104 4.9 3.8 5.8

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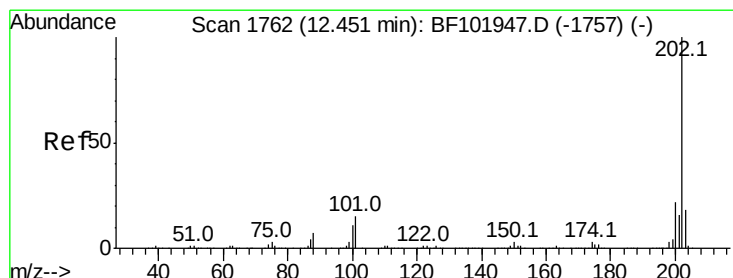
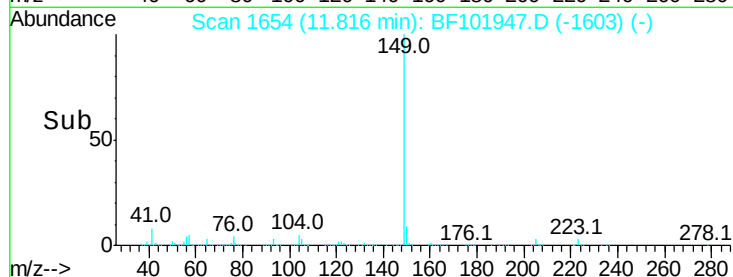
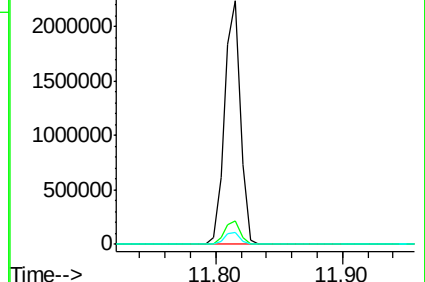
1/10/2018 11:44:52 AM



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: 37.913 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

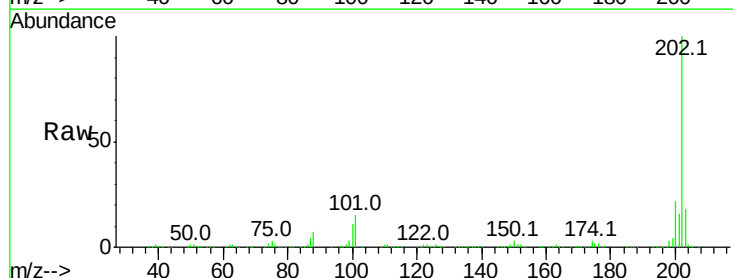
Tgt Ion:202 Resp: 1523935

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.1

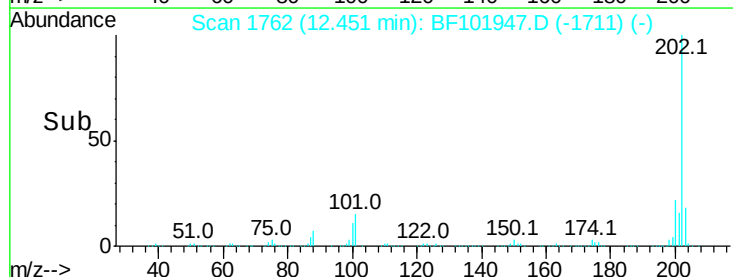
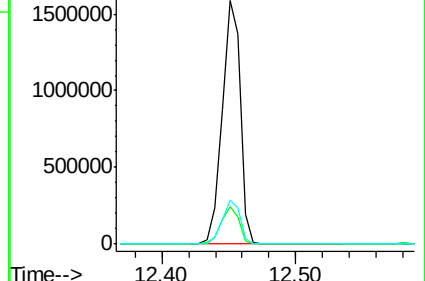
203 18.2 0.0 38.1

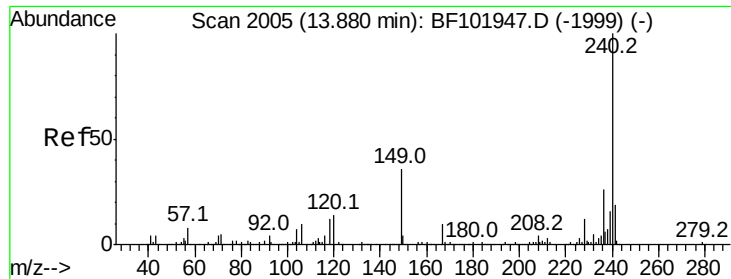


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Instrument :

BNA_F

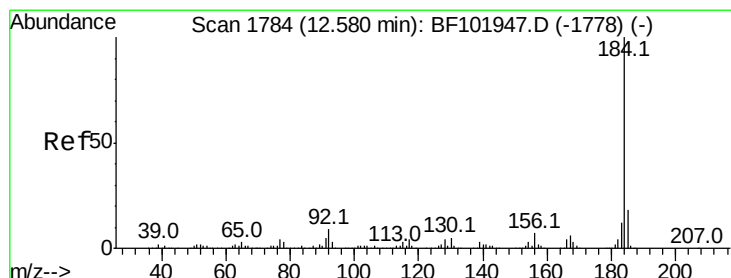
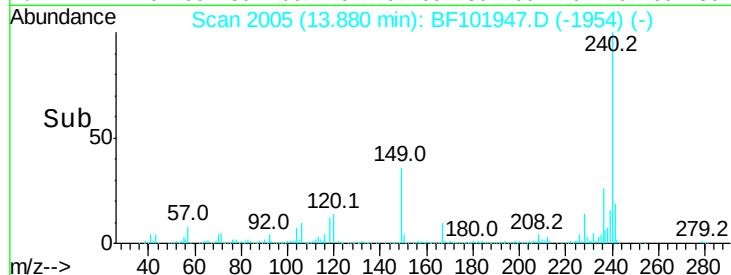
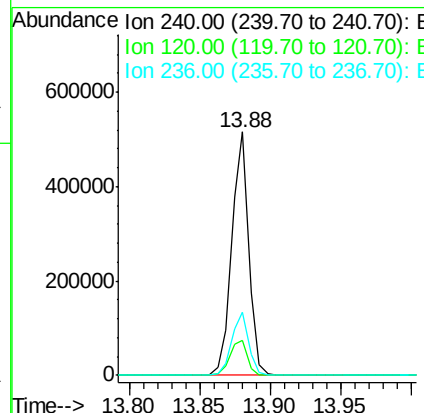
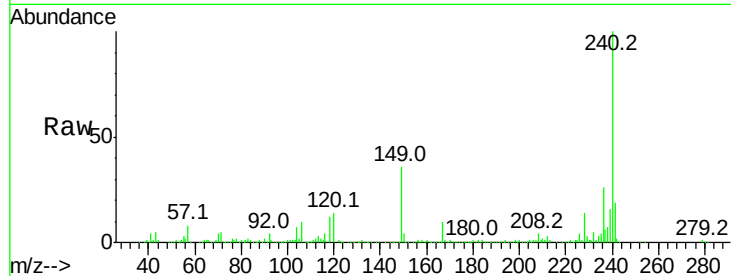
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 47.922 ng

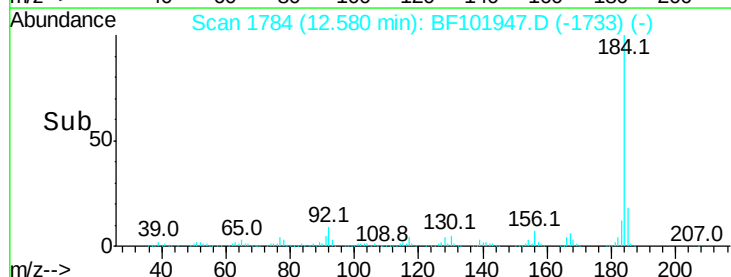
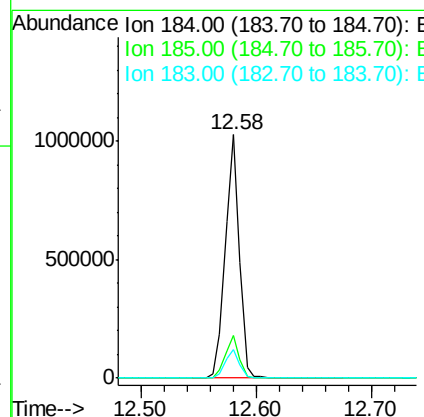
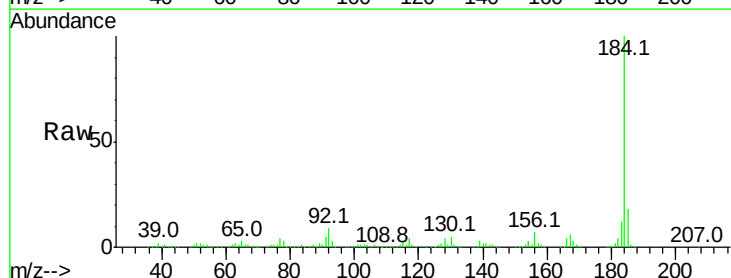
RT: 12.58 min Scan# 1784

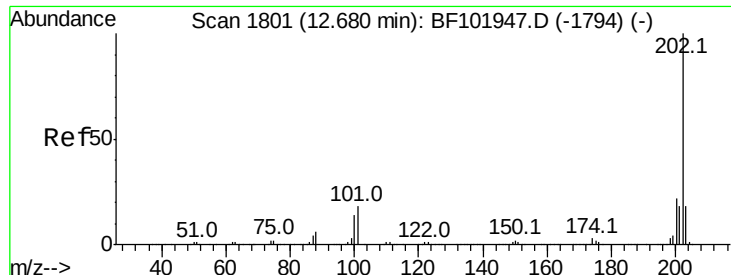
Delta R.T. 0.00 min

Lab File: BF101947.D

Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.7	12.6	18.8
183	11.9	9.3	13.9





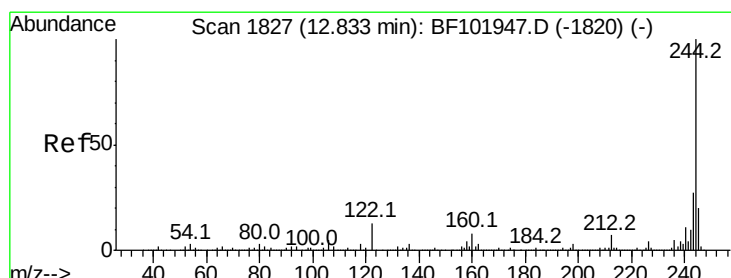
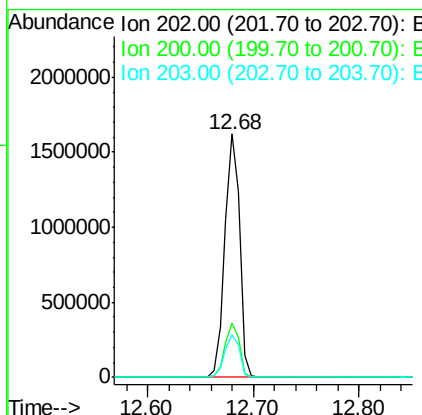
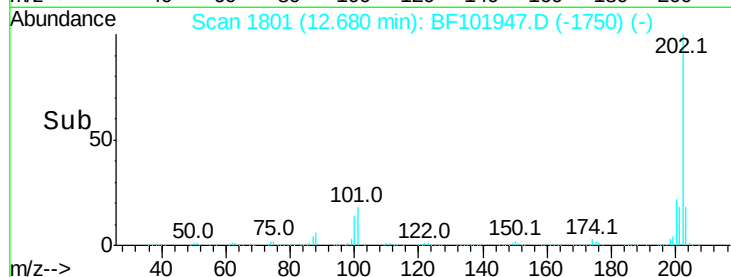
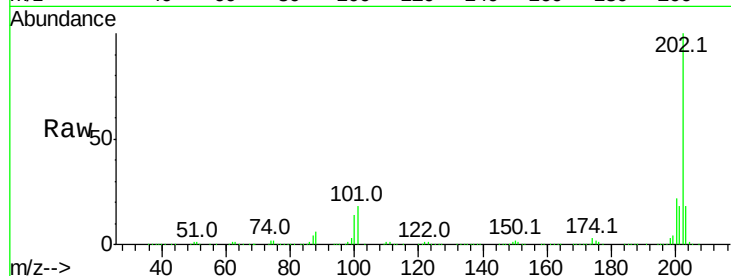
#77
Pvrene
Concen: 48.966 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.6	14.3	21.5

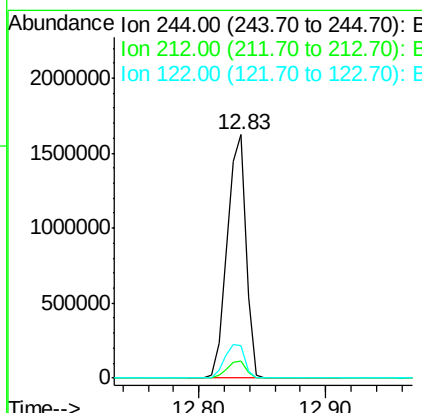
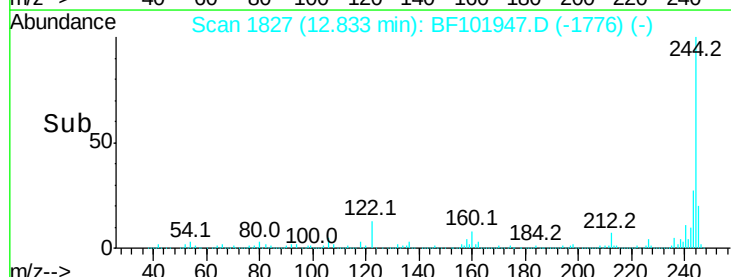
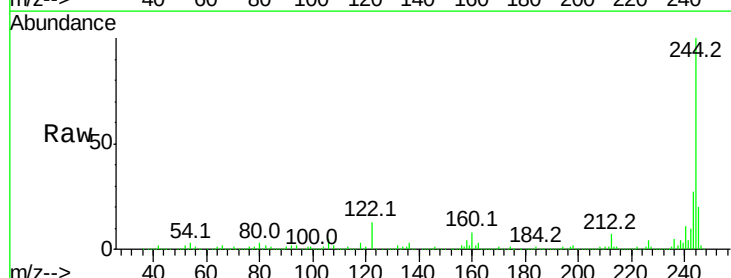
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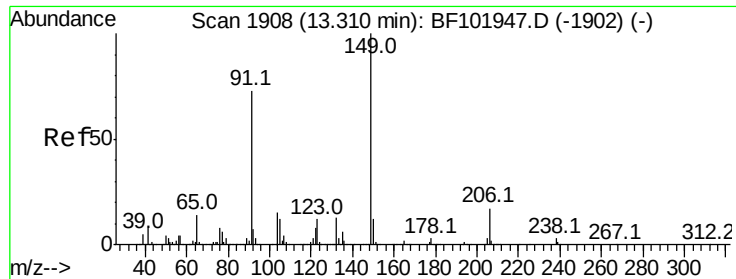
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#78
Terphenyl-d14
Concen: 92.913 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.4	11.0	16.4





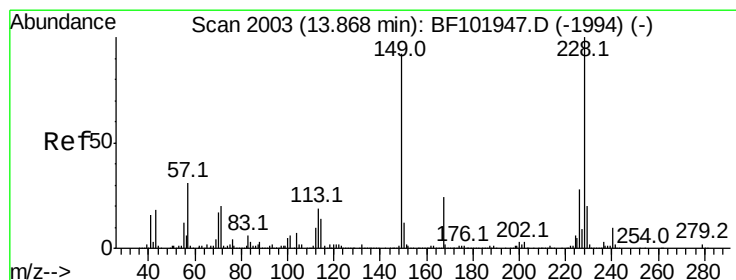
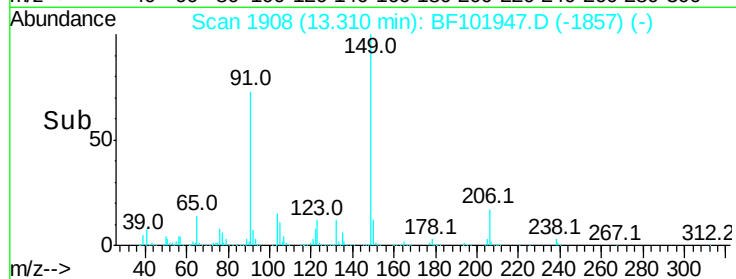
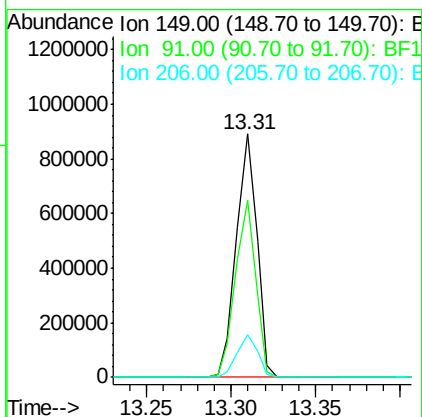
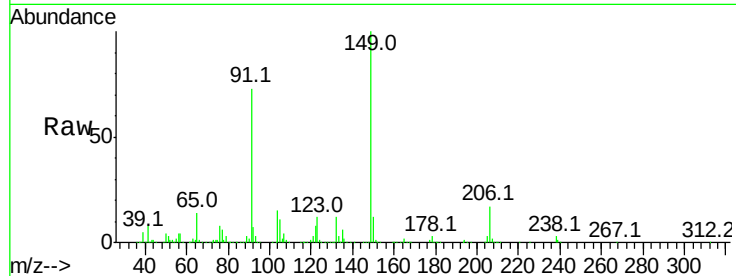
#79
Butylbenzylphthalate
Concen: 51.868 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.8	56.8	85.2
206	17.4	14.1	21.1

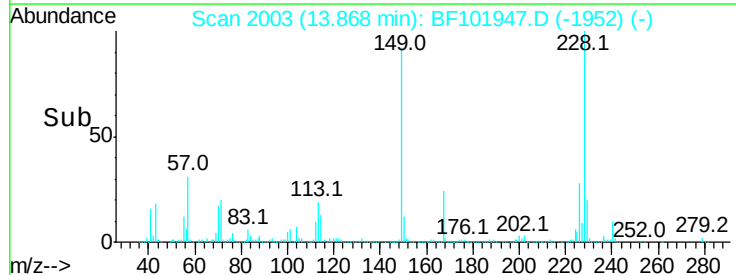
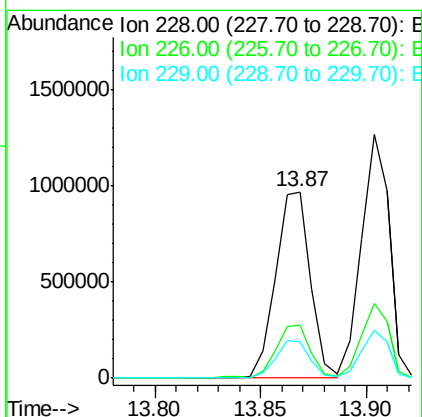
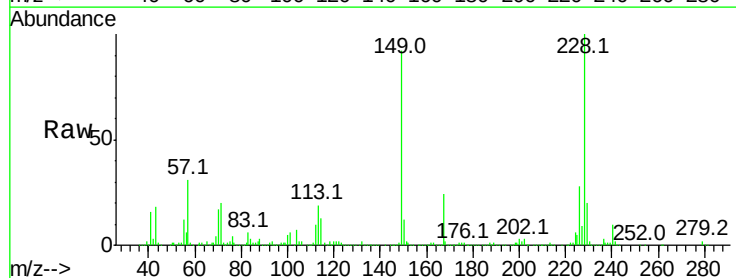
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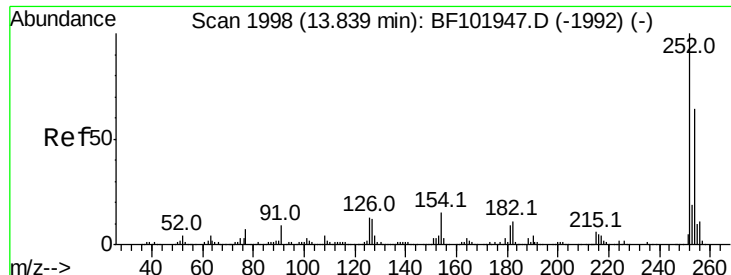
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#80
Benzo(a)anthracene
Concen: 38.952 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.7	15.8	23.6





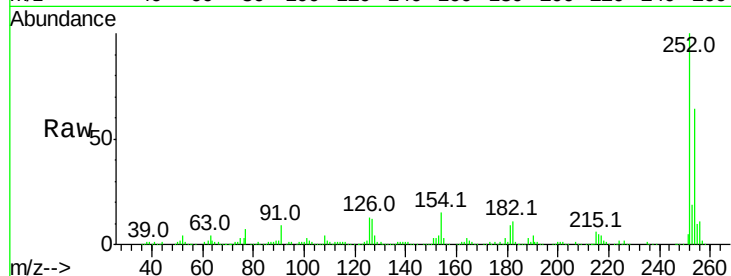
#81
 3,3'-Dichlorobenzidine
 Concen: 45.559 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

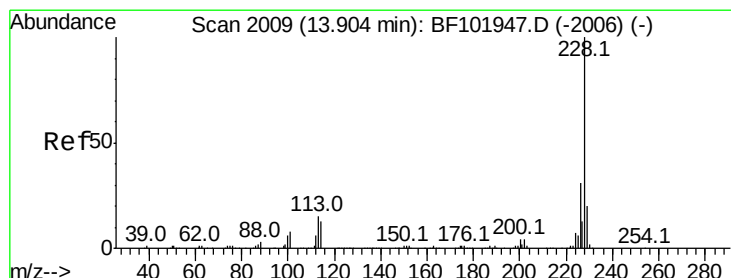
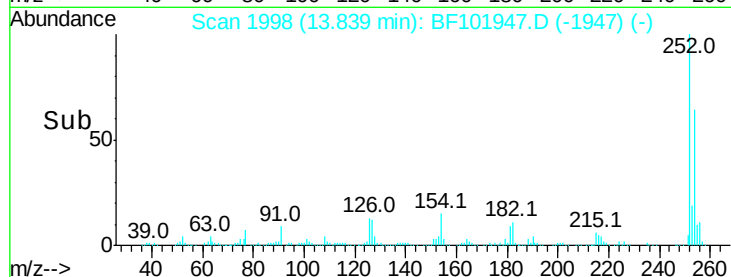
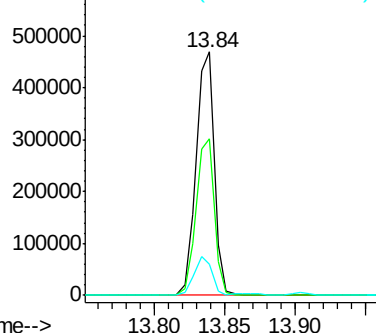
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	12.6	11.3	16.9

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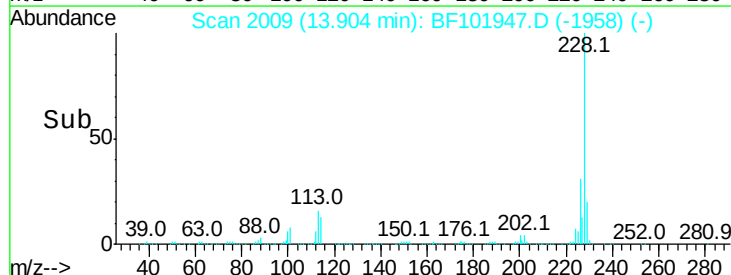
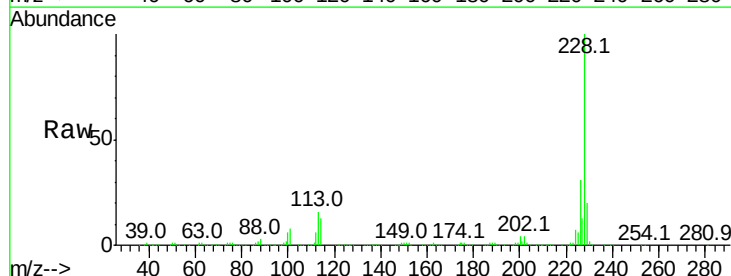
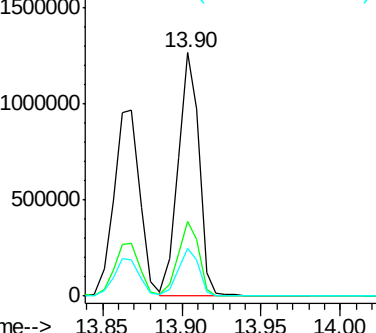
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

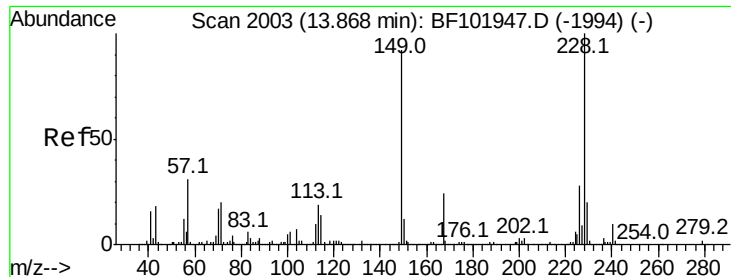


#82
 Chrysene
 Concen: 43.604 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

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

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





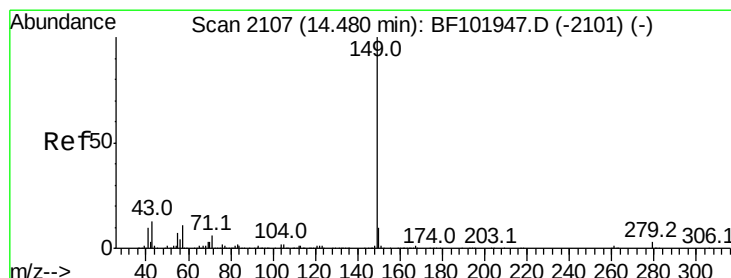
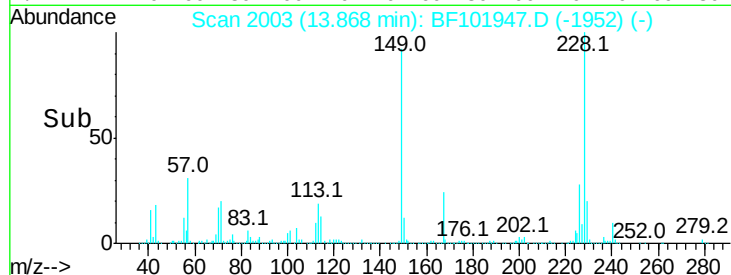
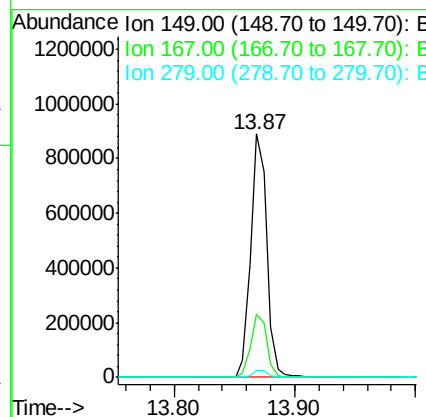
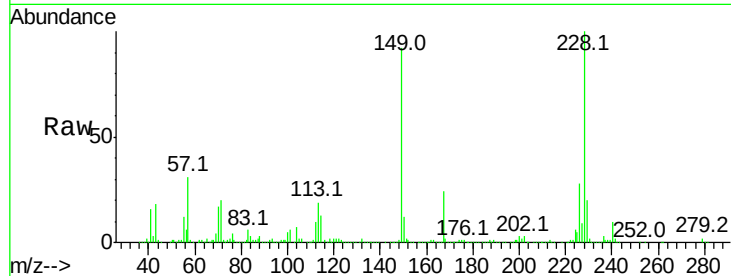
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.180 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.7	3.0	4.4#

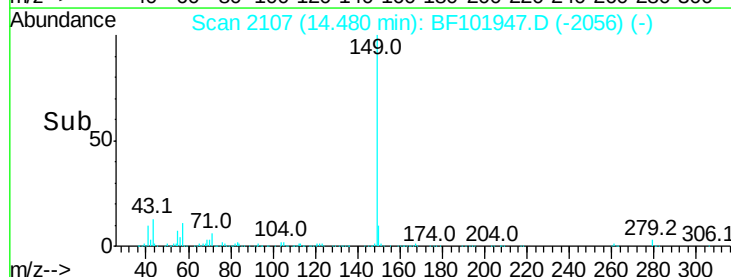
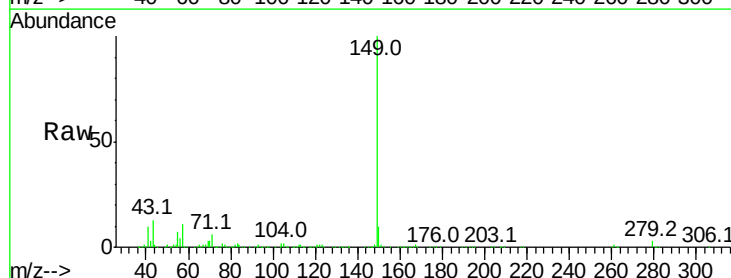
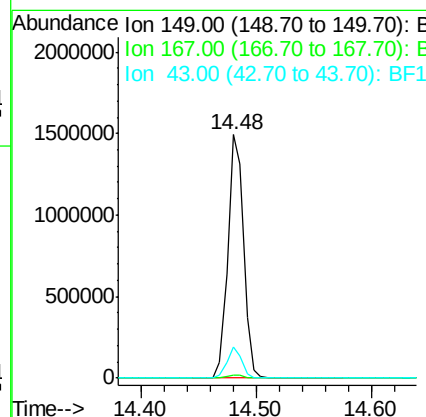
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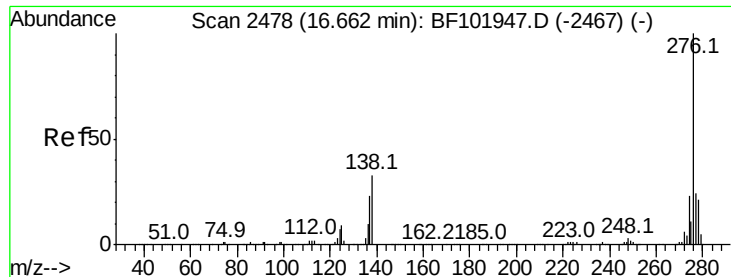
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#84
 Di-n-octyl phthalate
 Concen: 42.652 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.0	8.4	12.6





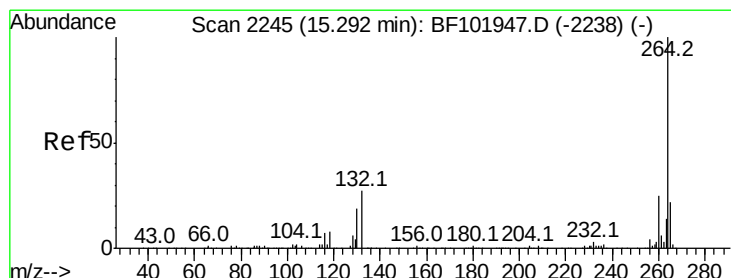
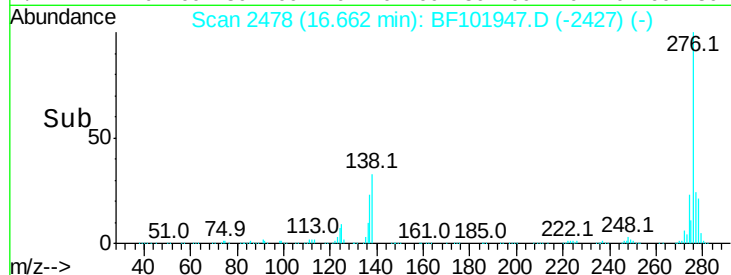
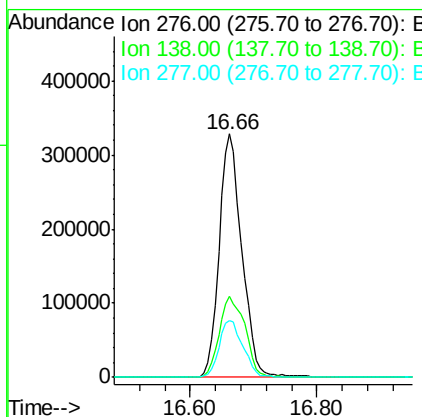
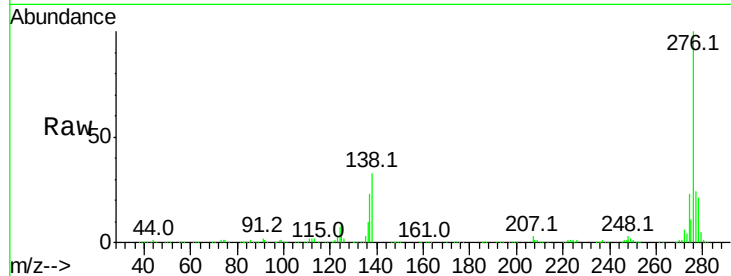
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.234 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.5	25.0	37.6
277	24.7	20.1	30.1

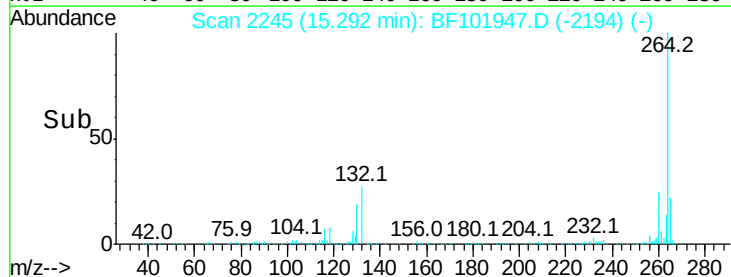
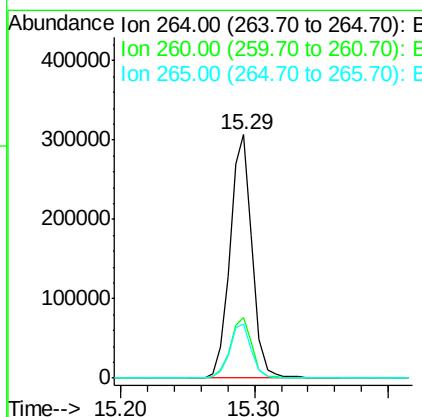
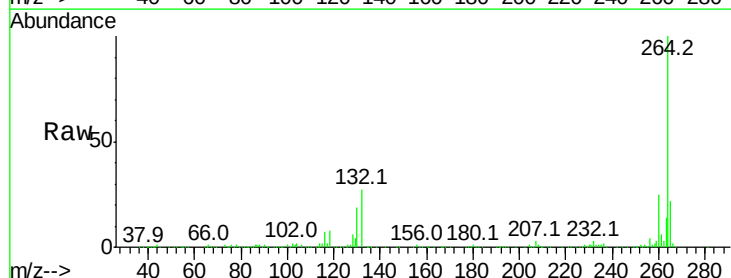
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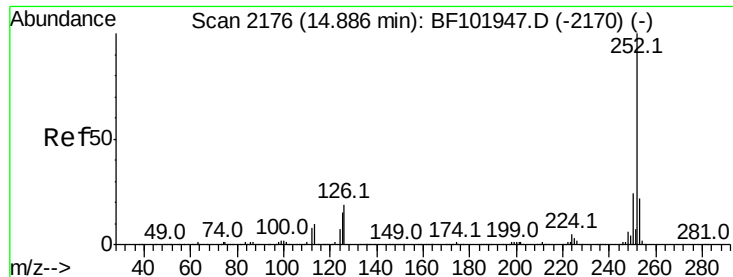
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.3	17.5	26.3





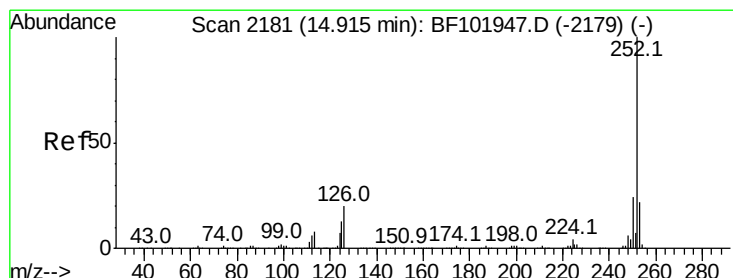
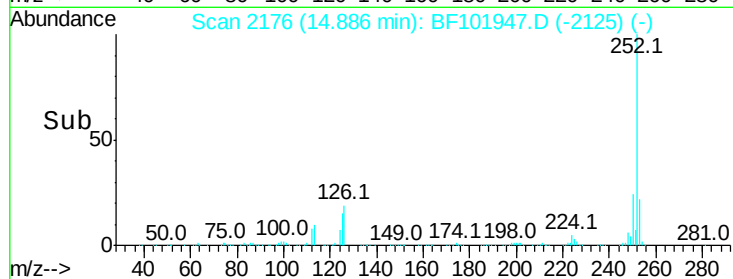
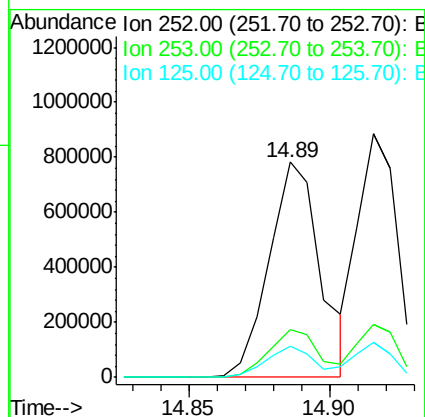
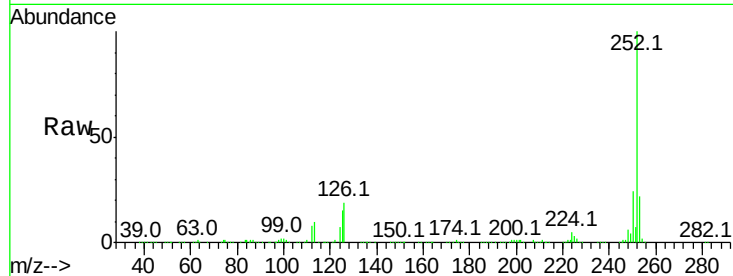
#87
Benzo(b)fluoranthene
Concen: 45.553 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	14.7	9.0	13.6

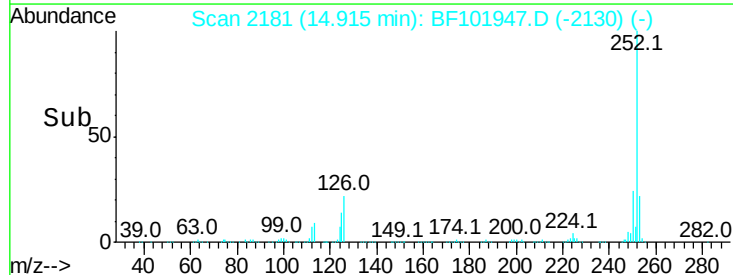
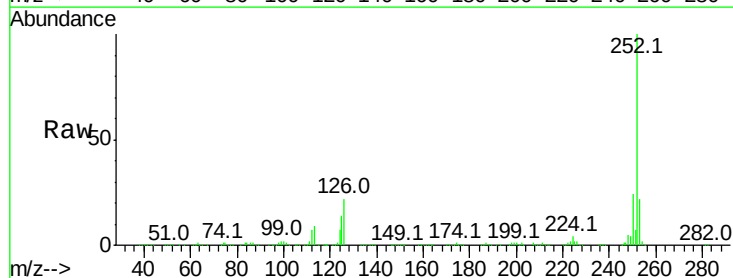
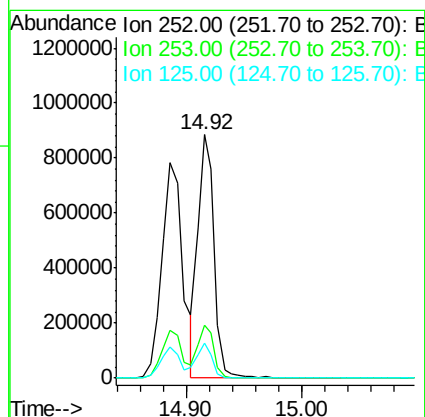
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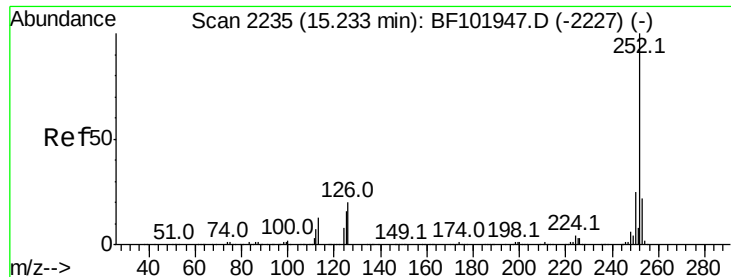
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#88
Benzo(k)fluoranthene
Concen: 41.309 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	14.2	10.2	15.2





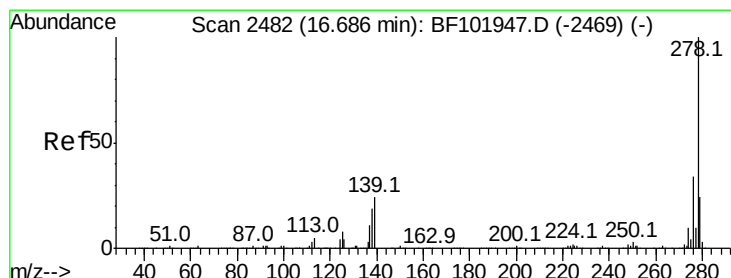
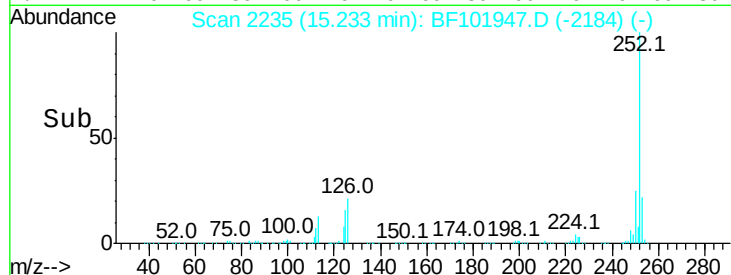
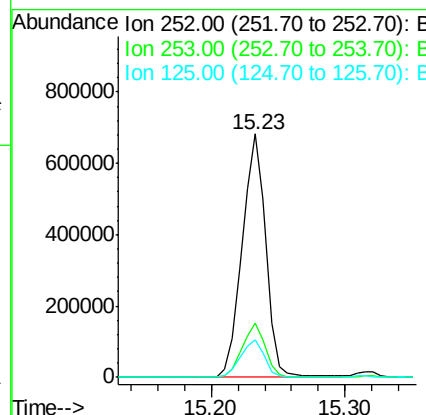
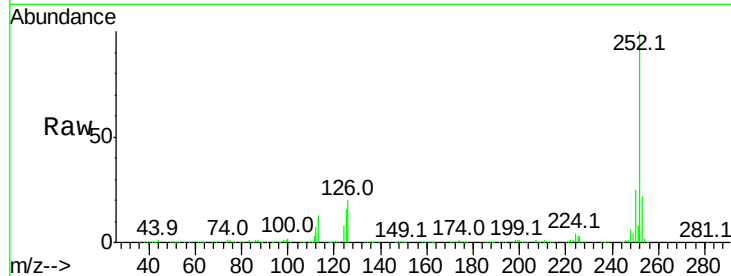
#89
Benzo(a)pyrene
Concen: 42.167 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	15.7	9.8	14.6

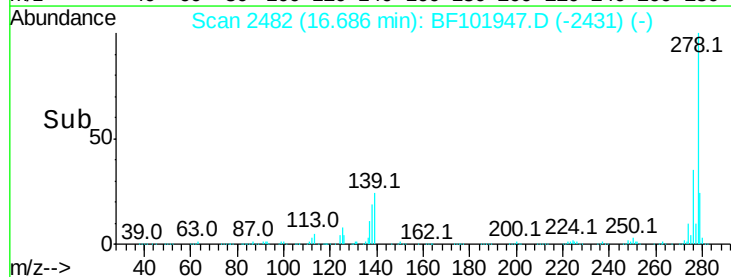
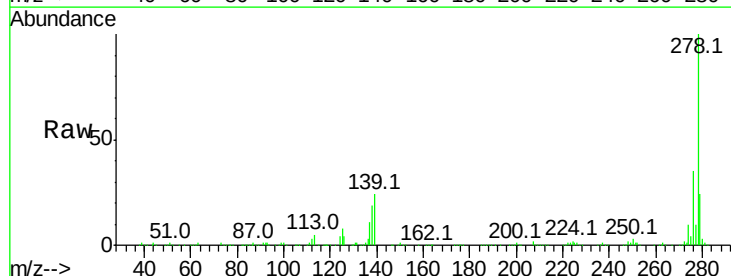
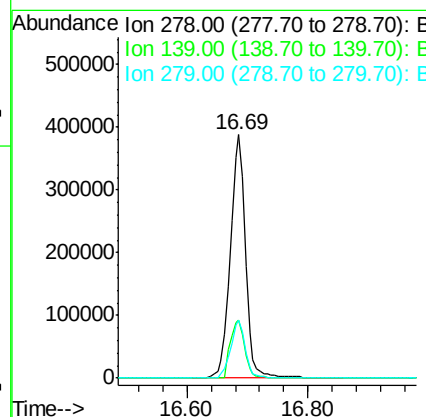
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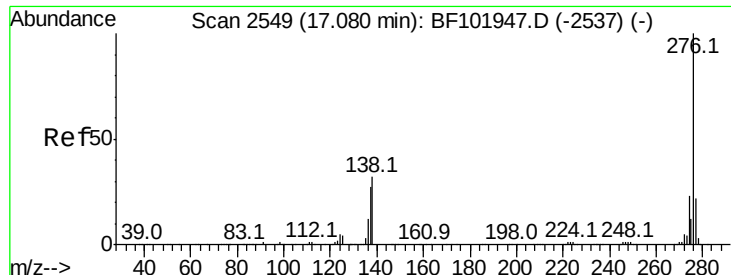
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#90
Dibenzo(a,h)anthracene
Concen: 39.920 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BF101947.D
Acq: 9 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.167 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BF101947.D
 Acq: 9 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	276	Resp:	681001
Ion Ratio	Lower	Upper	
276	100		
277	22.5	17.9	26.9
138	32.4	21.8	32.8

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