

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102150.D
 Acq On : 17 Jan 2018 15:24
 Operator : SJ/JU
 Sample : J1144-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-1MS

Manual Integrations
 APPROVED

Sohil
 1/18/2018 11:12:17 AM

Quant Time: Jan 18 01:33:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157304	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	629483	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	279922	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	452753	20.00	ng	0.00
75) Chrysene-d12	13.87	240	251476	20.00	ng	0.00
86) Perylene-d12	15.29	264	256799	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1073894	96.40	ng	0.02
7) Phenol-d6	6.37	99	1297032	97.59	ng	0.01
23) Nitrobenzene-d5	7.29	82	819026	76.46	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	296345	121.31	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1438759	80.30	ng	0.00
78) Terphenyl-d14	12.82	244	1083265	89.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	138991	25.001	ng	96
3) Pyridine	3.16	79	382513	25.195	ng	93
4) n-Nitrosodimethylamine	3.12	42	202762	31.893	ng	90
6) Aniline	6.39	93	464138	24.779	ng	# 85
8) 2-Chlorophenol	6.51	128	395332	35.384	ng	97
9) Benzaldehyde	6.27	77	52956	5.738	ng	94
10) Phenol	6.38	94	505265	33.639	ng	78
11) bis(2-Chloroethyl)ether	6.46	93	350590	30.666	ng	94
12) 1,3-Dichlorobenzene	6.66	146	409891	31.826	ng	99
13) 1,4-Dichlorobenzene	6.74	146	414011	32.215	ng	99
14) 1,2-Dichlorobenzene	6.89	146	386951	32.530	ng	100
15) Benzyl Alcohol	6.87	79	327549	33.691	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	598282	28.388	ng	99
17) 2-Methylphenol	6.98	107	326016	32.347	ng	98
18) Hexachloroethane	7.23	117	146402	32.350	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	264008	30.311	ng	98
20) 3+4-Methylphenols	7.14	107	384172	31.746	ng	# 66
22) Acetophenone	7.14	105	537810	35.459	ng	# 90
24) Nitrobenzene	7.31	77	396109	34.412	ng	99
25) Isophorone	7.55	82	730158	34.497	ng	98
26) 2-Nitrophenol	7.62	139	217138	45.070	ng	99
27) 2,4-Dimethylphenol	7.66	122	351451	39.061	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	458070	35.843	ng	99
29) 2,4-Dichlorophenol	7.86	162	331627	38.816	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	316360	35.401	ng	98
31) Naphthalene	8.03	128	1087225	34.565	ng	99
32) Benzoic acid	7.75	122	49400	7.240	ng	98
33) 4-Chloroaniline	8.08	127	345911	25.766	ng	97
34) Hexachlorobutadiene	8.14	225	169124	35.754	ng	98
35) Caprolactam	8.46	113	104970m	35.790	ng	
36) 4-Chloro-3-methylphenol	8.57	107	351075	37.540	ng	97
37) 2-Methylnaphthalene	8.72	142	751307	36.282	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	299099	37.769	ng	99
40) Hexachlorocyclopentadiene	8.87	237	272506	62.921	ng	99

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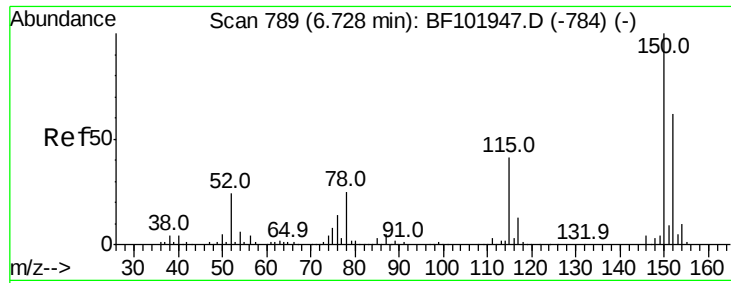
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	216455	39.664	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	226844	36.778	nq	96
45) 1,1'-Biphenyl	9.19	154	872927	35.281	nq	97
46) 2-Chloronaphthalene	9.21	162	665051	34.663	nq	97
47) 2-Nitroaniline	9.30	65	218856	38.080	nq	93
48) Acenaphthylene	9.62	152	1004214	32.981	nq	100
49) Dimethylphthalate	9.49	163	912975	40.657	nq	99
50) 2,6-Dinitrotoluene	9.55	165	174439	38.889	nq	99
51) Acenaphthene	9.79	154	593345	32.106	nq	99
52) 3-Nitroaniline	9.72	138	162450	28.696	nq	95
53) 2,4-Dinitrophenol	9.82	184	111453	66.640	nq	# 22
54) Dibenzofuran	9.96	168	899173	35.451	nq	96
55) 4-Nitrophenol	9.89	139	294232	69.744	nq	98
56) 2,4-Dinitrotoluene	9.95	165	227121	40.398	nq	94
57) Fluorene	10.31	166	674205	38.451	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	174277	39.688	nq	98
59) Diethylphthalate	10.19	149	762145	34.120	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	299915	40.169	nq	97
61) 4-Nitroaniline	10.33	138	183445	34.145	nq	94
62) Azobenzene	10.46	77	725974	32.666	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	99858	41.482	nq	98
65) n-Nitrosodiphenylamine	10.42	169	622229	36.702	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	188403	39.404	nq	98
67) Hexachlorobenzene	10.85	284	192949	36.966	nq	94
68) Atrazine	10.95	200	189226	38.621	nq	99
69) Pentachlorophenol	11.05	266	212675	66.818	nq	100
70) Phenanthrene	11.27	178	926745	35.042	nq	99
71) Anthracene	11.32	178	960059	35.794	nq	99
72) Carbazole	11.47	167	867309	32.898	nq	99
73) Di-n-butylphthalate	11.80	149	1113543	34.428	nq	99
74) Fluoranthene	12.45	202	829202	31.868	nq	96
76) Benzidine	12.57	184	386595	31.836	nq	97
77) Pyrene	12.67	202	812000	36.529	nq	99
79) Butylbenzylphthalate	13.30	149	378683	37.121	nq	97
80) Benzo(a)anthracene	13.86	228	540227	33.670	nq	98
81) 3,3'-Dichlorobenzidine	13.83	252	193106	32.505	nq	98
82) Chrysene	13.90	228	533321	31.877	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	457358	39.082	nq	100
84) Di-n-octyl phthalate	14.47	149	742276	38.223	nq	100
85) Indeno(1,2,3-cd)pyrene	16.67	276	654786	53.772	nq	99
87) Benzo(b)fluoranthene	14.88	252	563488	33.653	nq	99
88) Benzo(k)fluoranthene	14.91	252	464585	28.762	nq	98
89) Benzo(a)pyrene	15.23	252	516829	34.301	nq	99
90) Dibenzo(a,h)anthracene	16.68	278	540200	44.926	nq	99
91) Benzo(g,h,i)perylene	17.09	276	569446	47.014	nq	98

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



#1

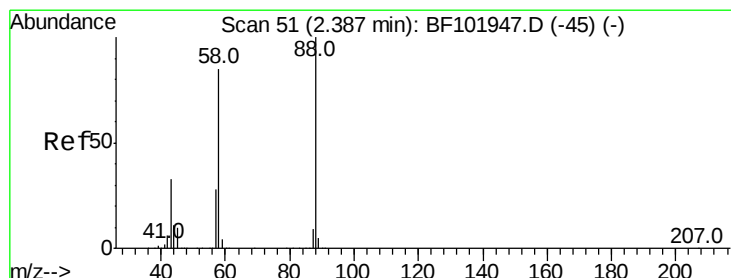
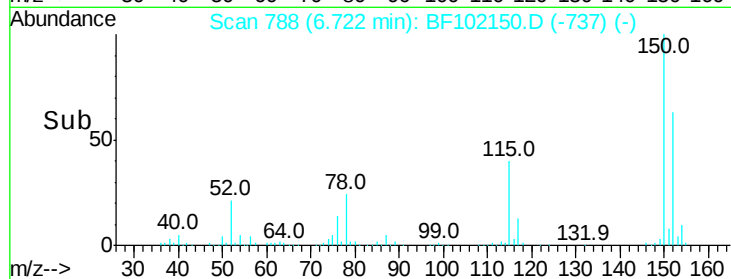
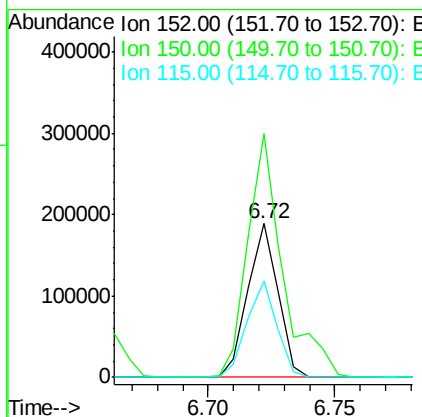
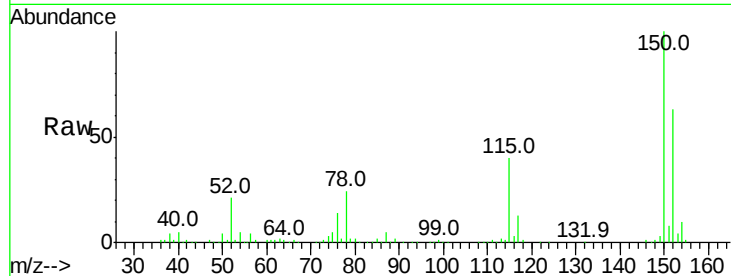
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	62.9	50.1	75.1

Manual Integrations
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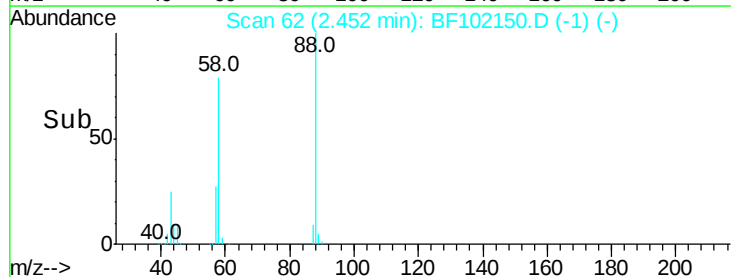
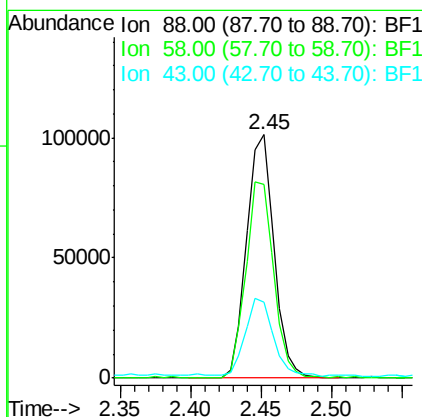
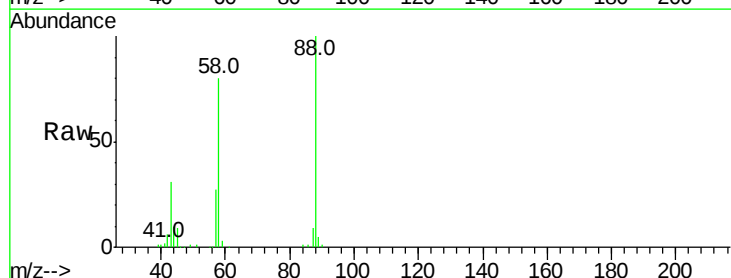
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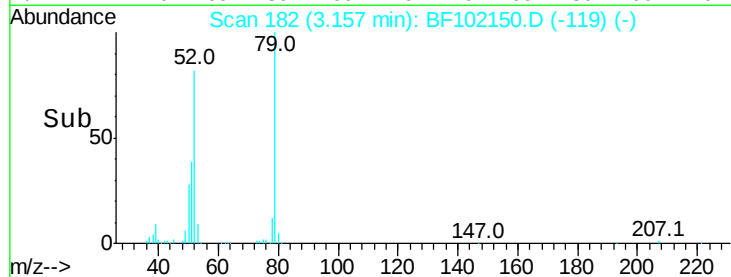
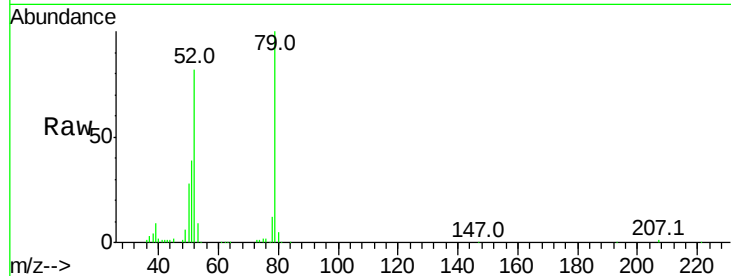
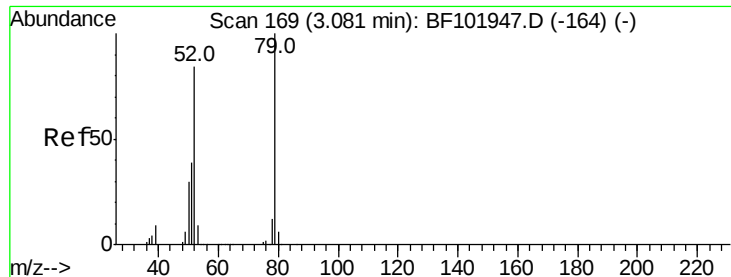


#2

1,4-Dioxane
Concen: 25.001 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.07 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.1	62.6	93.8
43	32.0	24.6	37.0





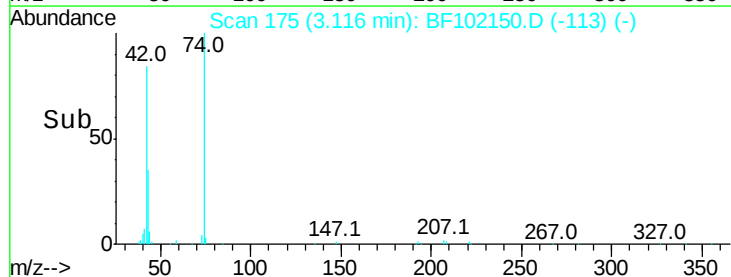
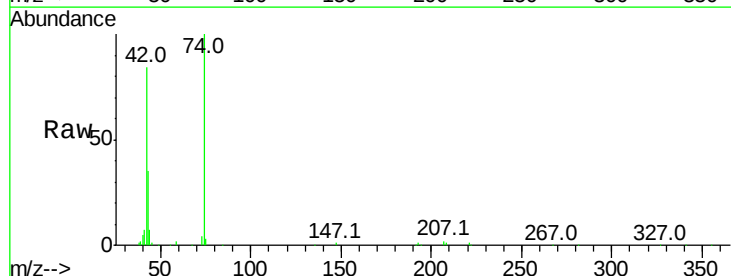
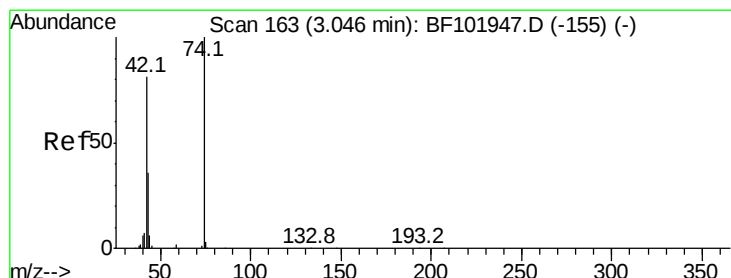
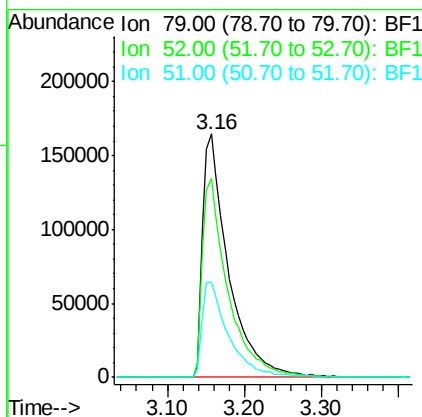
#3
Pvridine
Concen: 25.195 ng
RT: 3.16 min Scan# 182
Delta R.T. 0.07 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		382513		
52	81.7	59.8		89.6	
51	39.2	29.8		44.8	

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

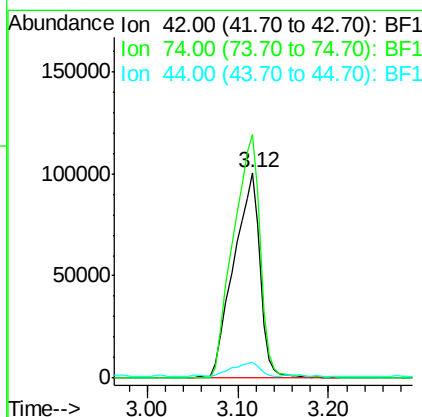
Manual Integrations
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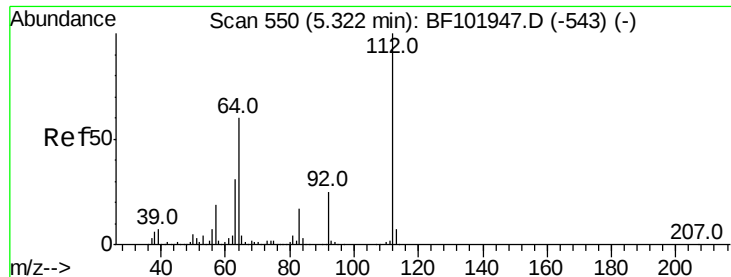
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#4
n-Nitrosodimethylamine
Concen: 31.893 ng
RT: 3.12 min Scan# 175
Delta R.T. 0.06 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		202762		
74	118.5	104.9		157.3	
44	7.7	6.9		10.3	





#5

2-Fluorophenol

Concen: 96.401 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

IGW-1MS

Tot Ion:112 Resp: 1073894

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

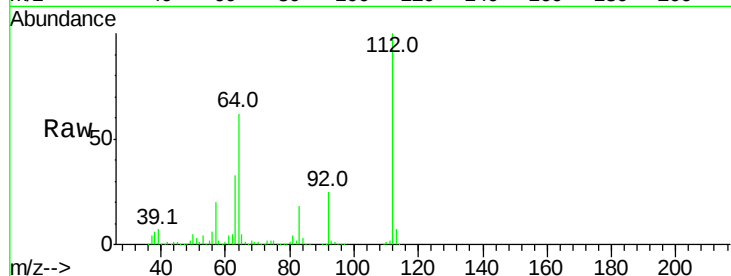
63 32.7 23.7 35.5

Manual Integrations

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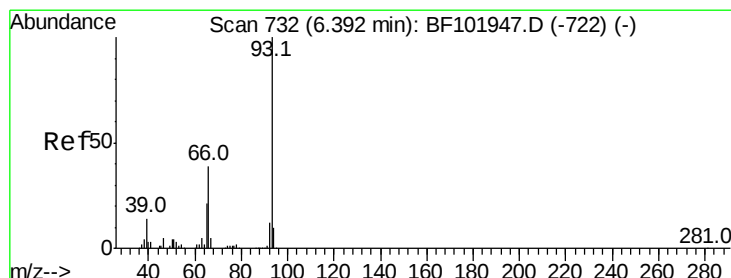
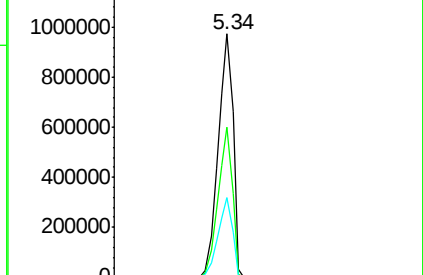
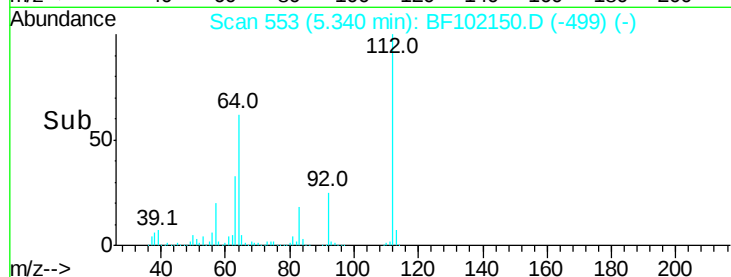
1/18/2018 11:12:17 AM



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: 24.779 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

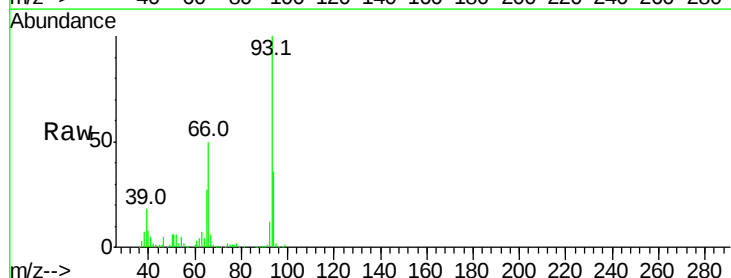
Tgt Ion: 93 Resp: 464138

Ion Ratio Lower Upper

93 100

66 49.6 32.2 48.2#

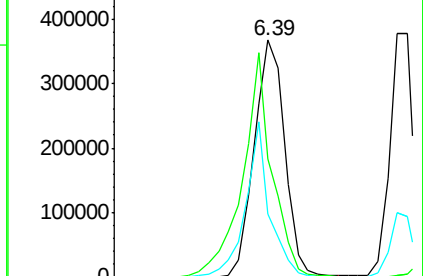
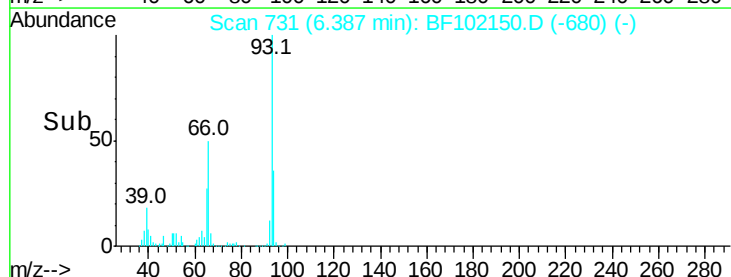
65 26.9 16.4 24.6#

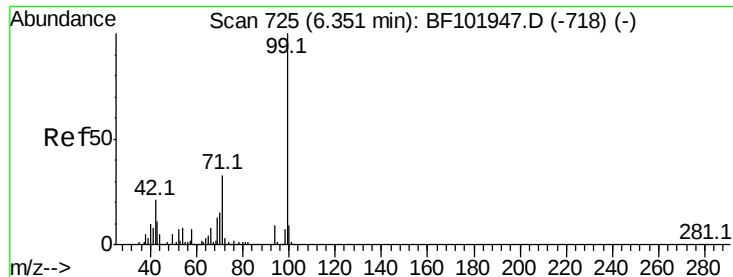


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.587 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

IGW-1MS

Tot Ion: 99 Resp: 1297032

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

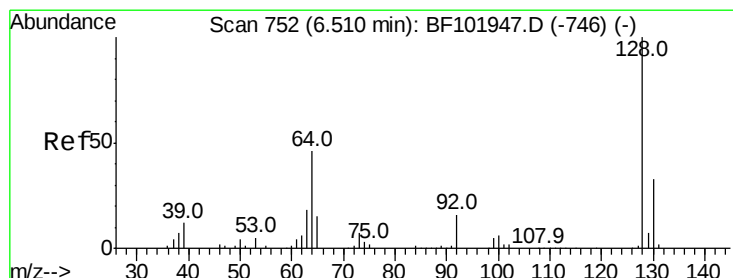
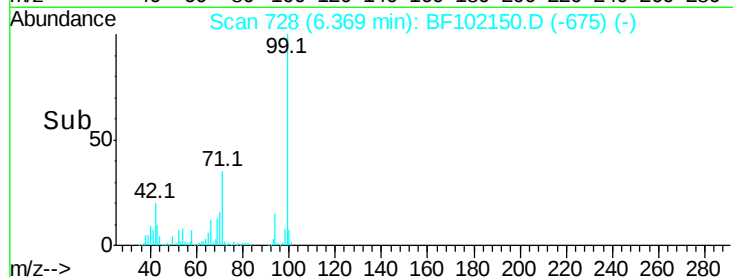
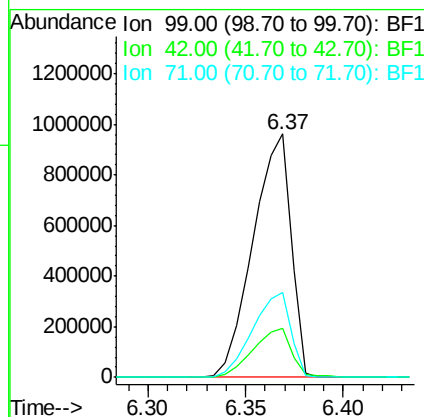
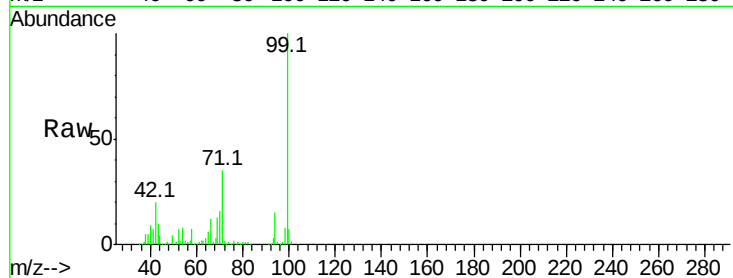
71 35.0 25.4 38.0

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#8

2-Chlorophenol

Concen: 35.384 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

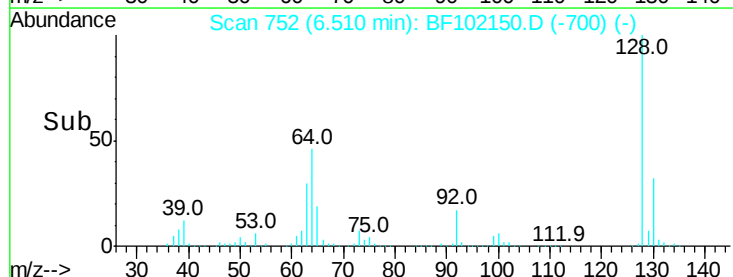
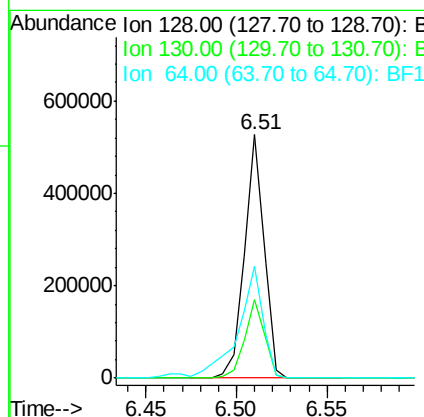
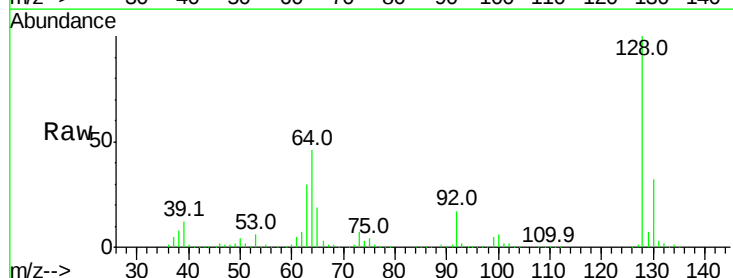
Tgt Ion: 128 Resp: 395332

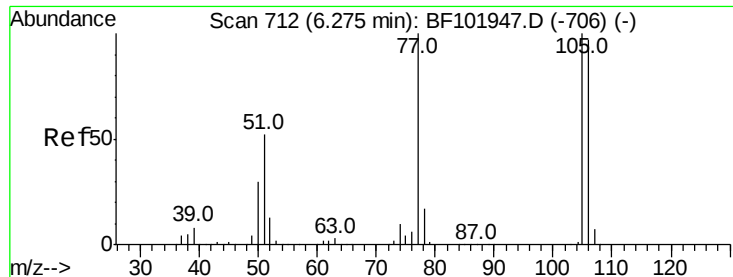
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 46.1 29.4 69.4





#9

Benzaldehyde

Concen: 5.738 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

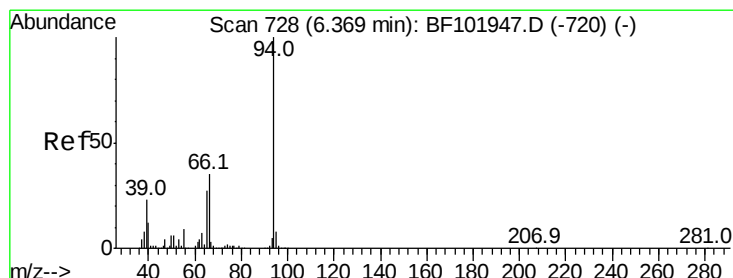
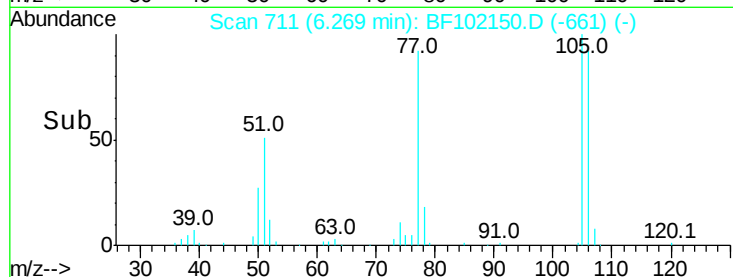
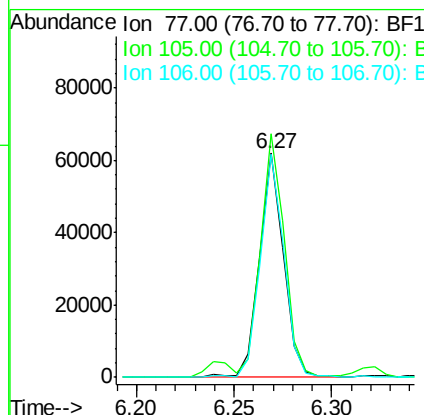
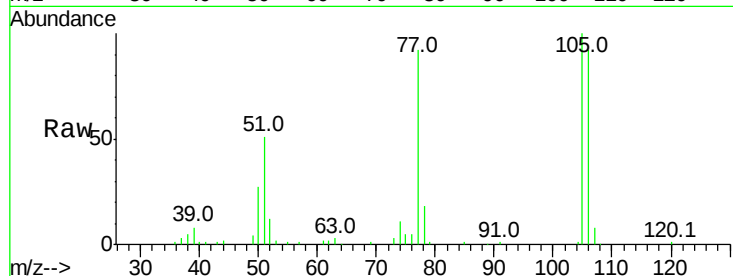
ClientSampleId :

IGW-1MS

Tot Ion: 77 Resp: 52956
 Ion Ratio Lower Upper
 77 100
 105 108.7 81.1 121.1
 106 99.5 74.5 114.5

Manual Integrations
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#10

Phenol

Concen: 33.639 ng

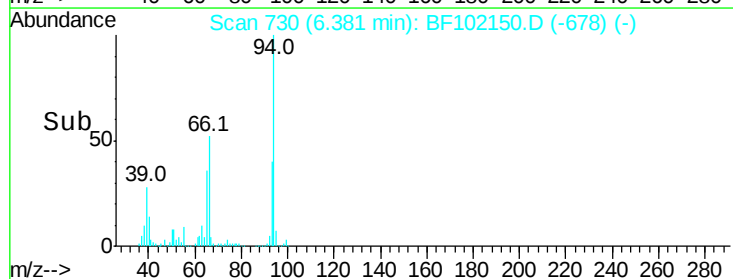
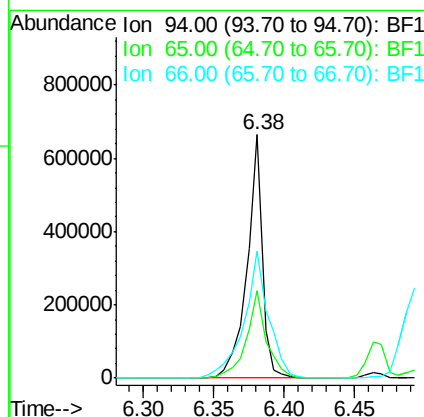
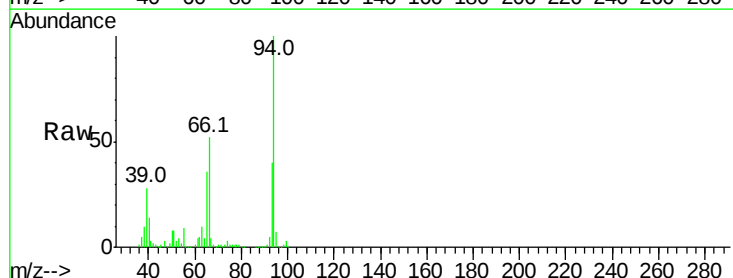
RT: 6.38 min Scan# 730

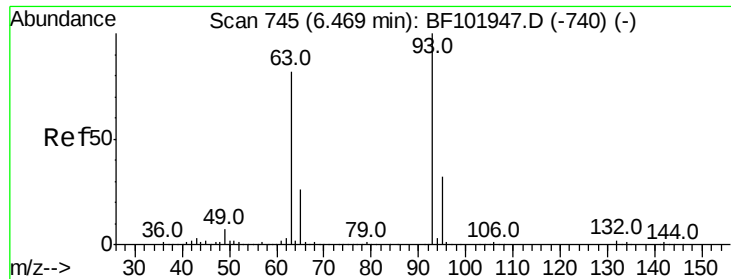
Delta R.T. 0.01 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion: 94 Resp: 505265
 Ion Ratio Lower Upper
 94 100
 65 36.2 7.9 47.9
 66 52.5 16.2 56.2





#11

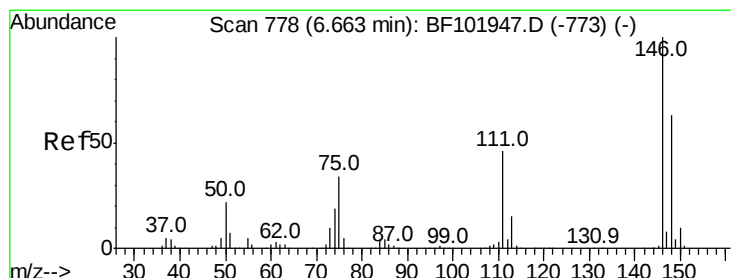
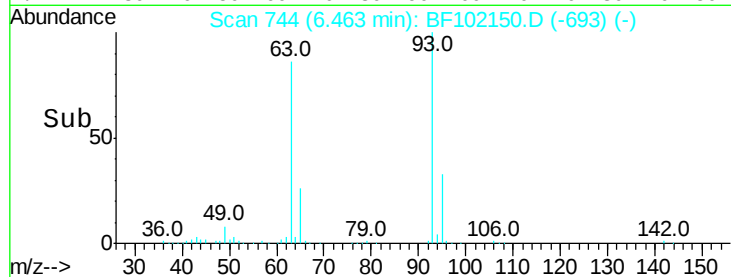
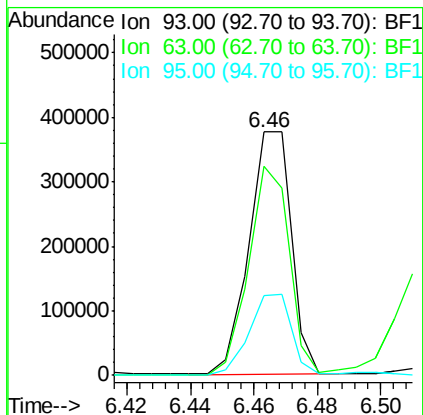
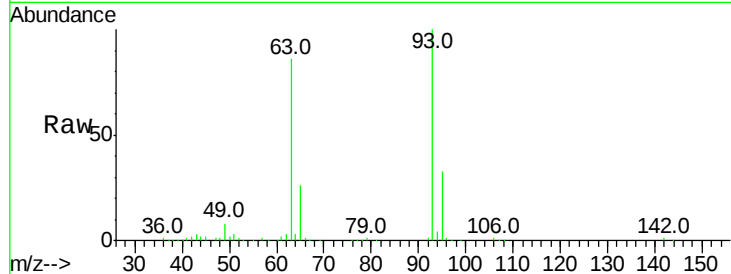
bis(2-Chloroethyl)ether
Concen: 30.666 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion:	93	Resp:	350590
Ion Ratio	Lower	Upper	
93	100		
63	85.9	58.6	98.6
95	32.8	11.8	51.8

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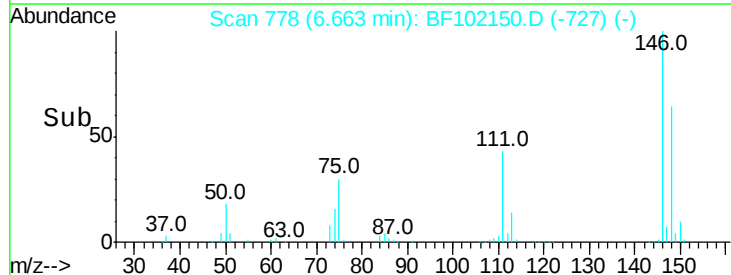
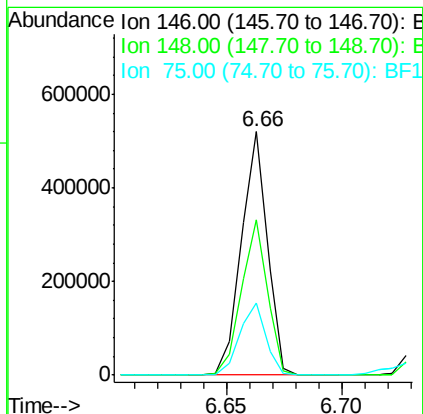
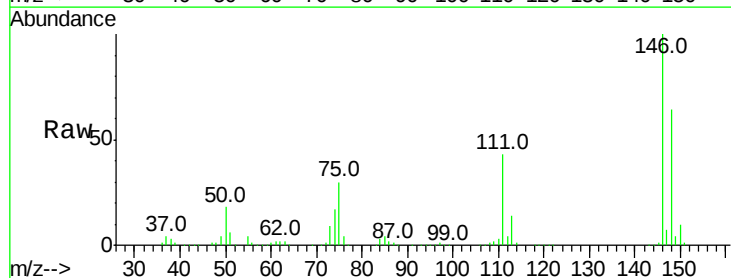
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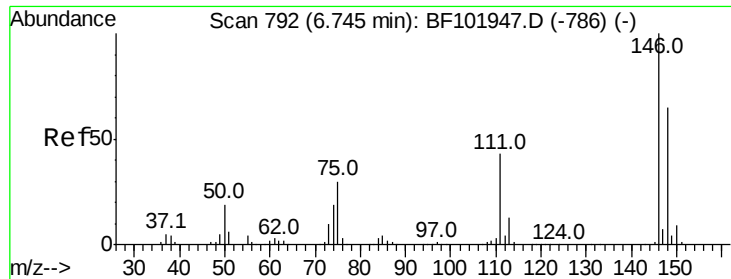


#12

1,3-Dichlorobenzene
Concen: 31.826 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion:	146	Resp:	409891
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.8
75	29.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.215 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

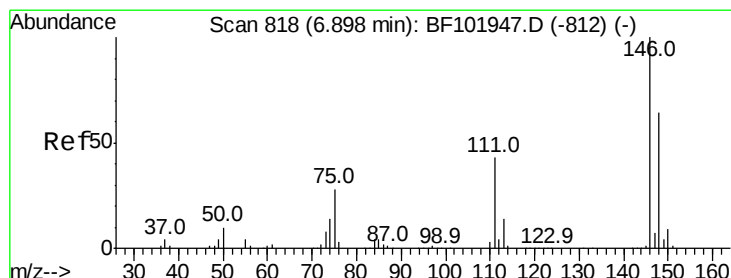
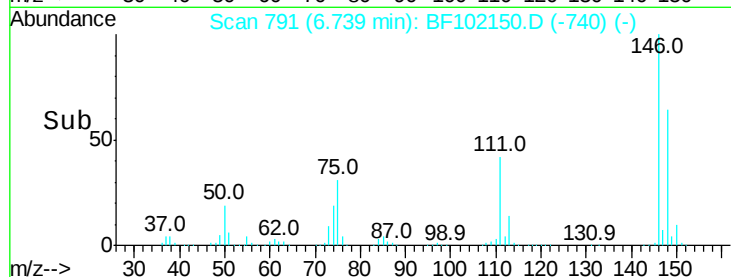
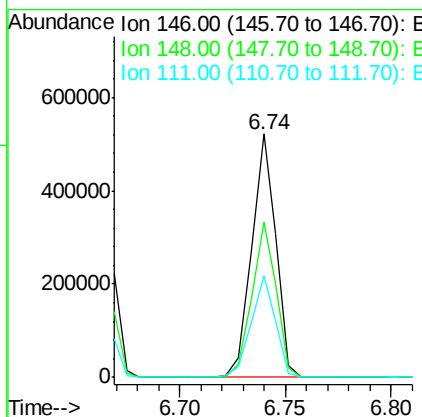
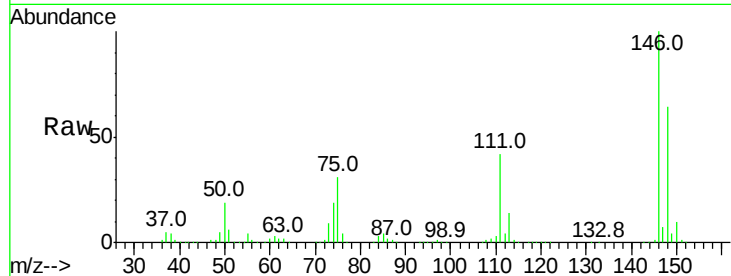
ClientSampleId :

IGW-1MS

Tot Ion:	146	Resp:	414011
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	41.6	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 32.530 ng

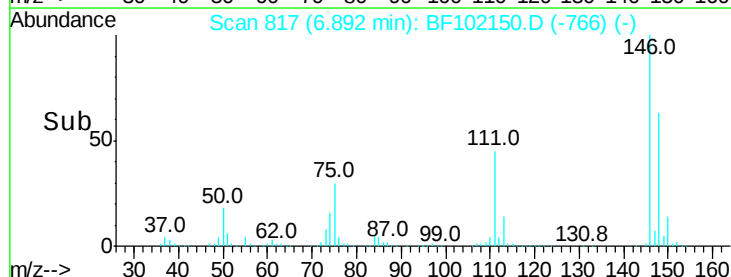
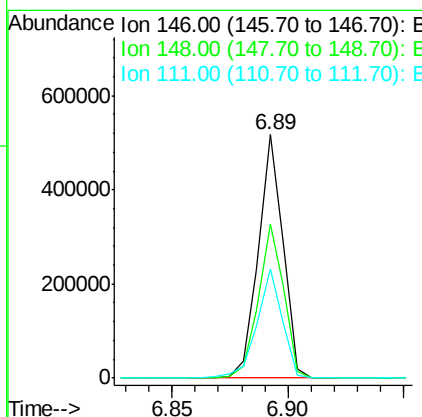
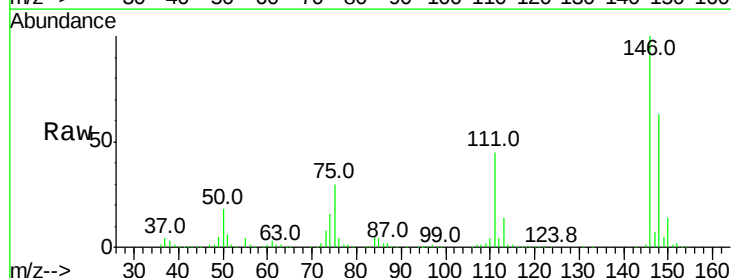
RT: 6.89 min Scan# 817

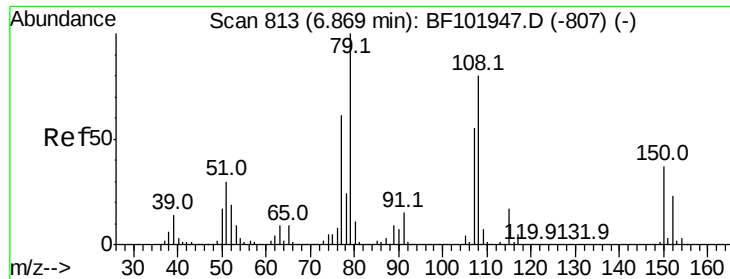
Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion:	146	Resp:	386951
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	45.1	36.0	54.0





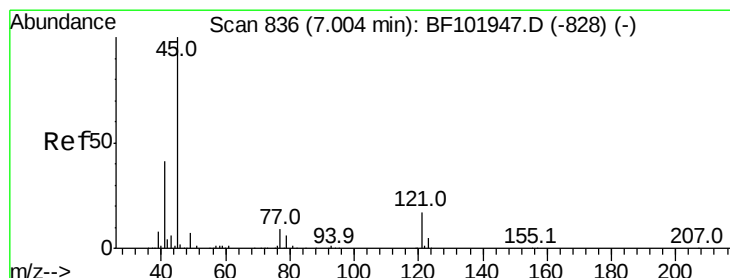
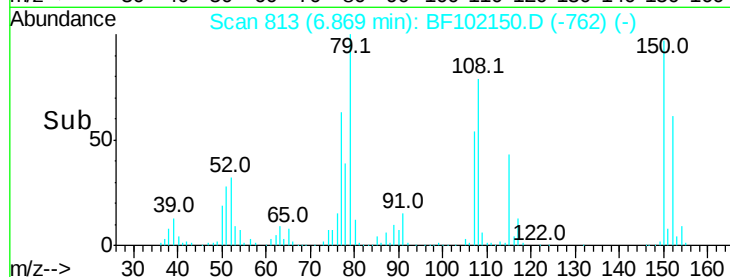
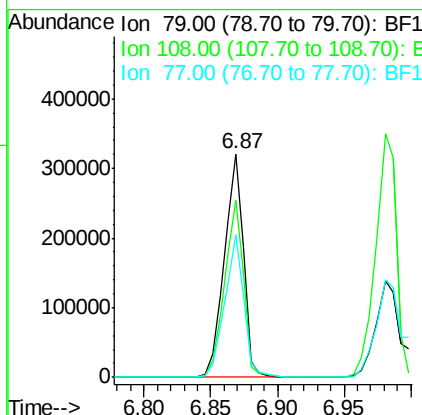
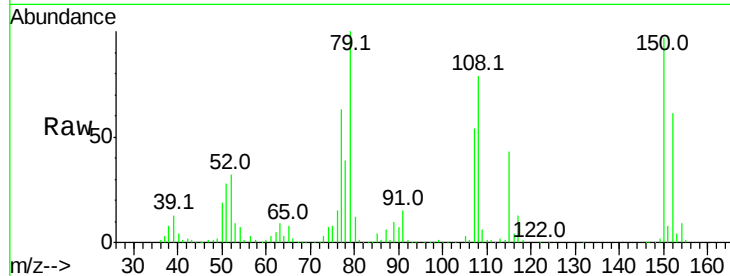
#15
Benzyl Alcohol
Concen: 33.691 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion: 79 Resp: 327549
Ion Ratio Lower Upper
79 100
108 79.2 65.1 97.7
77 63.5 50.6 75.8

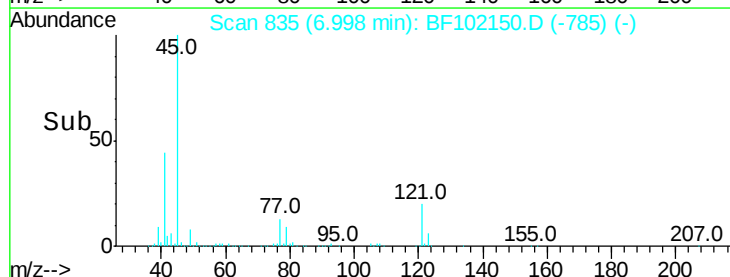
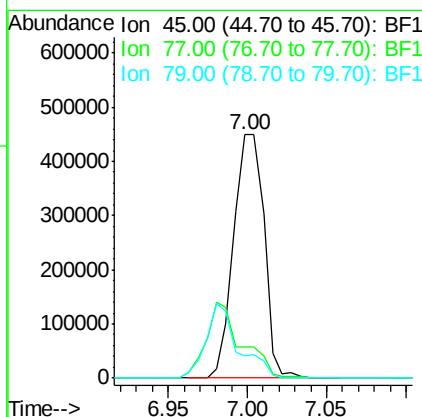
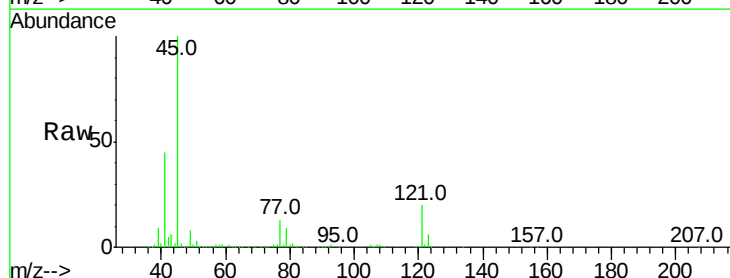
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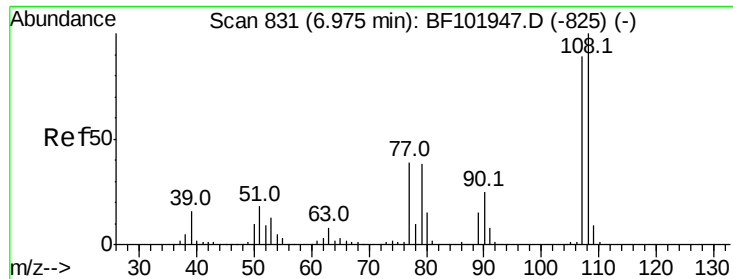
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#16
2,2'-oxybis(1-chloropropane)
Concen: 28.388 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion: 45 Resp: 598282
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.9
79 9.1 0.0 29.6





#17

2-Methylphenol

Concen: 32.347 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

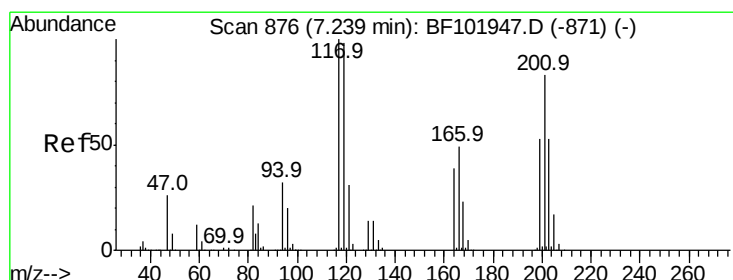
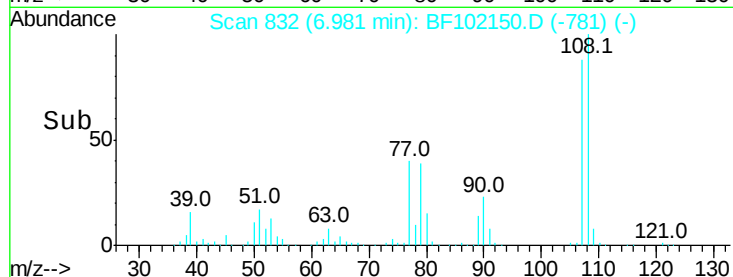
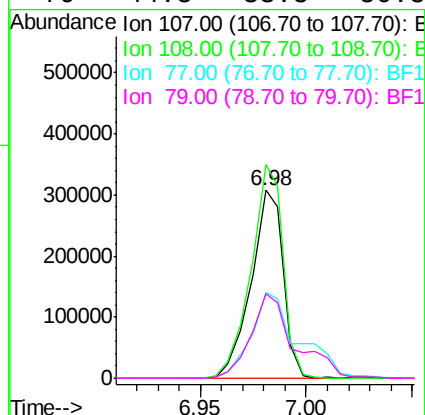
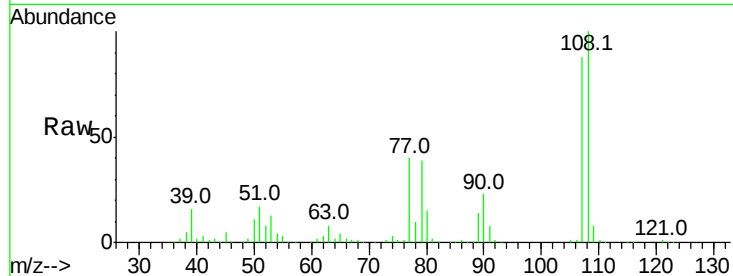
ClientSampled :

IGW-1MS

Tot Ion:	107	Resp:	326016
Ion Ratio	Lower	Upper	
107	100		
108	113.8	91.7	137.5
77	45.5	33.8	50.8
79	44.8	33.8	50.8

Manual Integrations
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#18

Hexachloroethane

Concen: 32.350 ng

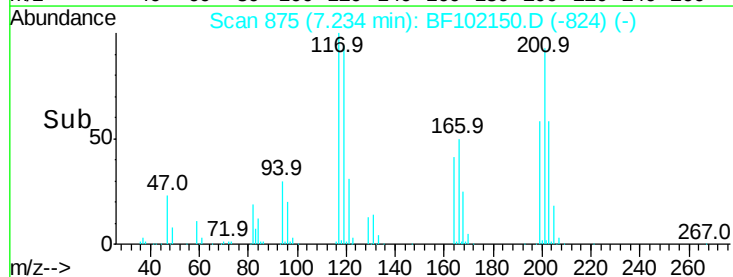
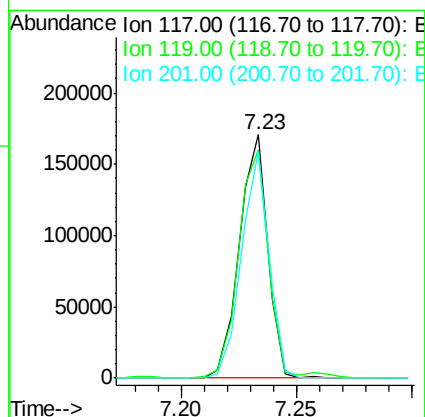
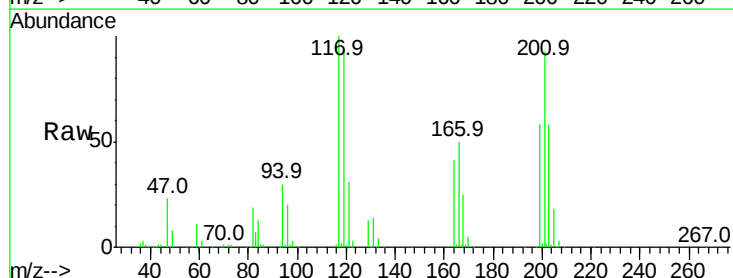
RT: 7.23 min Scan# 875

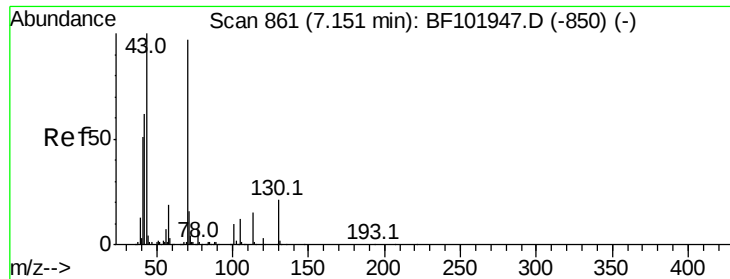
Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion:	117	Resp:	146402
Ion Ratio	Lower	Upper	
117	100		
119	93.7	75.8	113.8
201	93.2	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 30.311 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

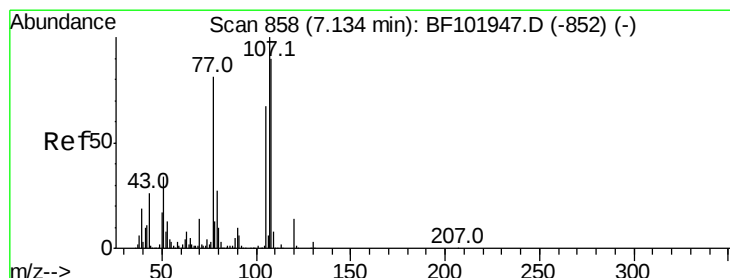
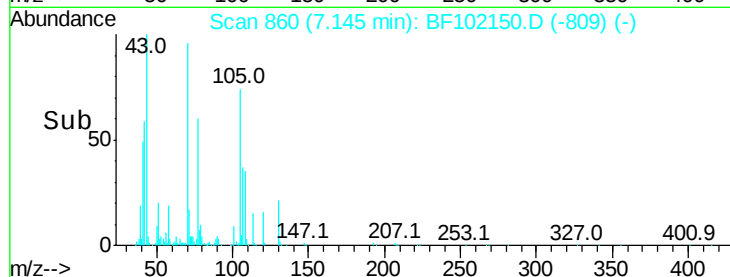
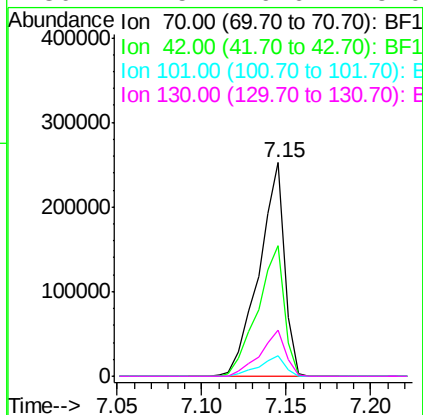
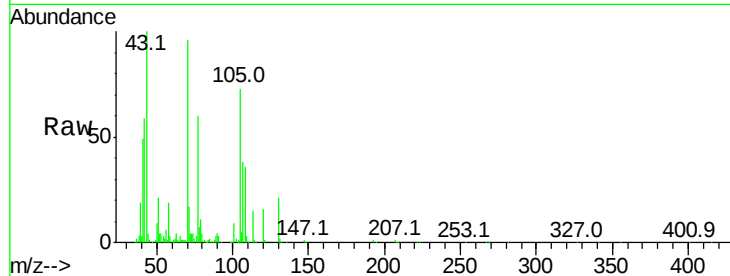
ClientSampleId :

IGW-1MS

Tot Ion:	70	Resp:	264008
Ion Ratio	Lower	Upper	
70	100		
42	61.3	47.5	71.3
101	9.8	7.4	11.2
130	21.5	16.6	25.0

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#20

3+4-Methylphenols

Concen: 31.746 ng

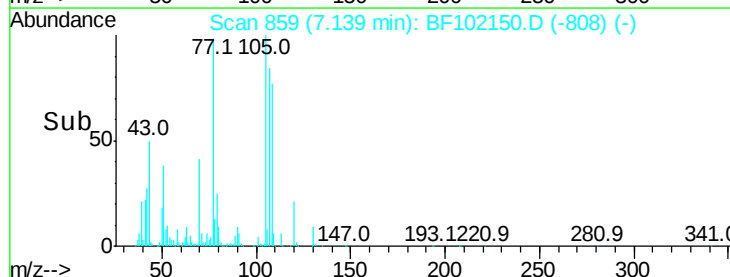
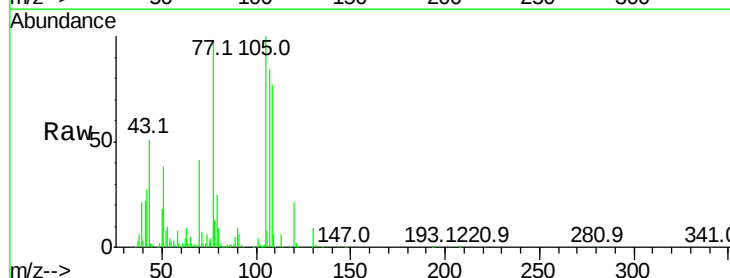
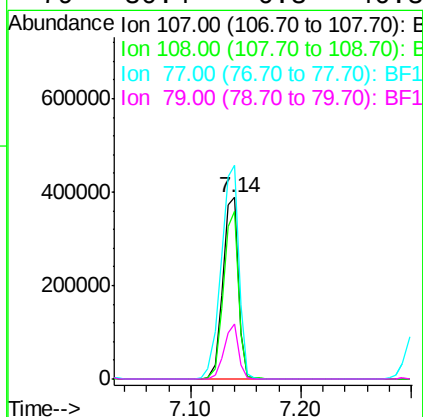
RT: 7.14 min Scan# 859

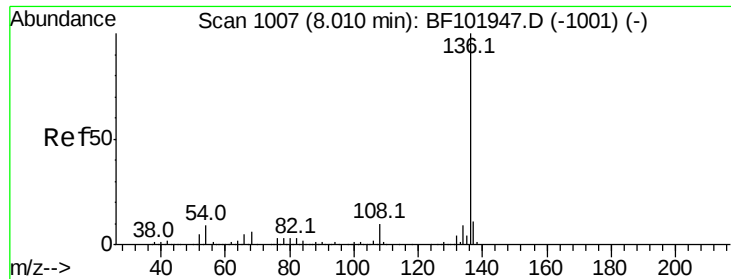
Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion:	107	Resp:	384172
Ion Ratio	Lower	Upper	
107	100		
108	92.0	68.2	108.2
77	117.6	26.7	66.7#
79	30.4	6.3	46.3





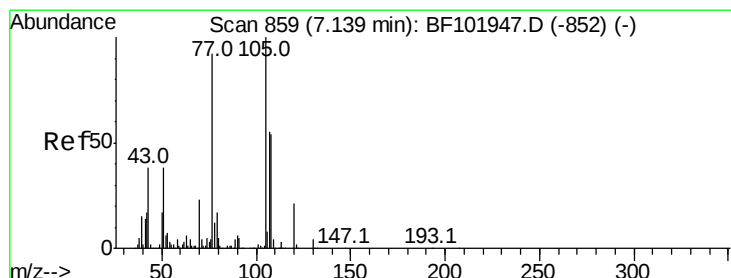
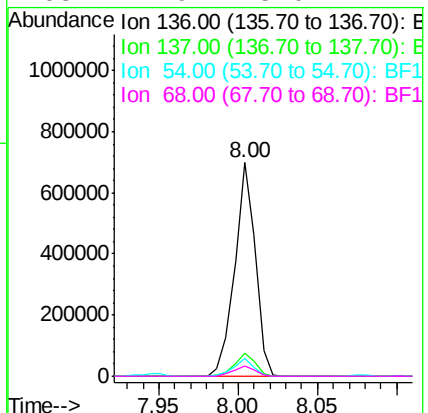
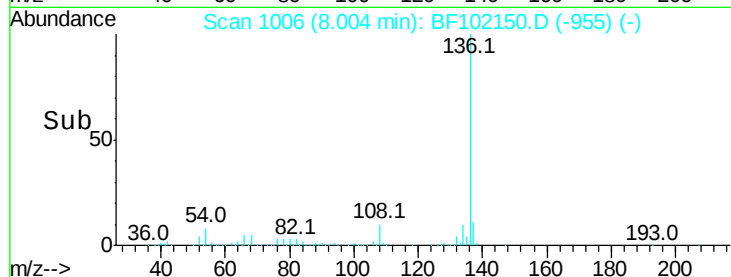
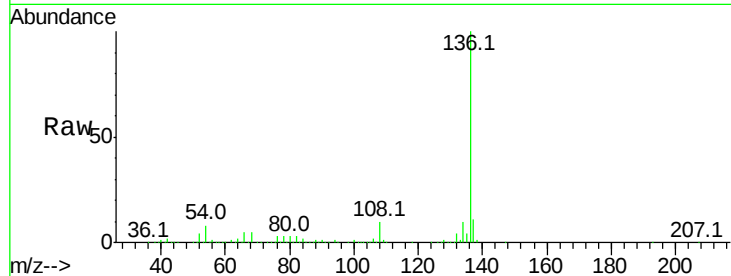
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampled :
IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	629483		
137	10.9		8.9	13.3
54	8.4		6.6	9.8
68	4.9		5.0	7.4#

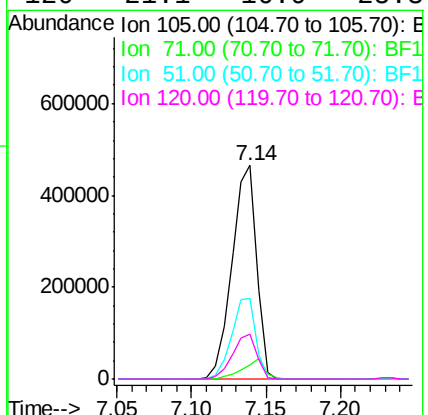
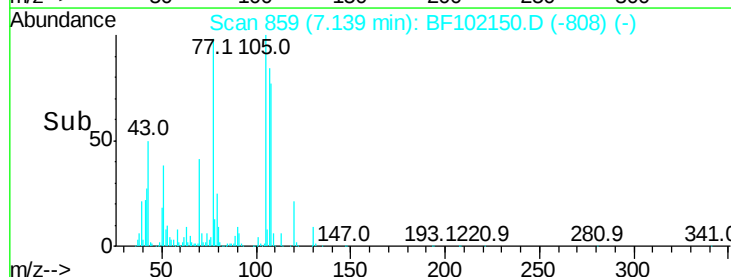
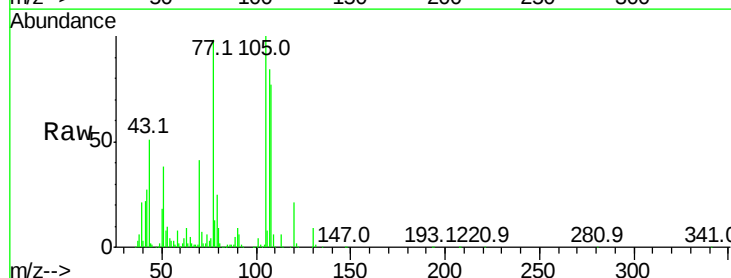
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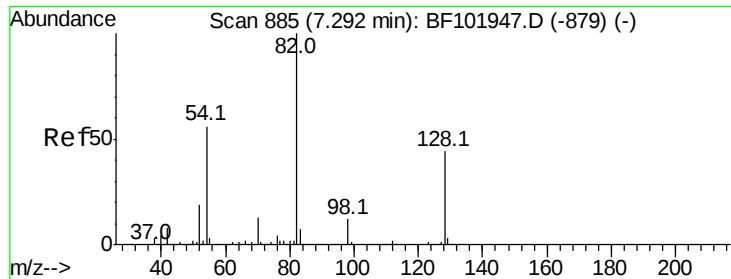
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#22
Acetophenone
Concen: 35.459 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	537810		
71	6.6		4.4	6.6
51	37.8		22.3	33.5#
120	21.1		16.9	25.3





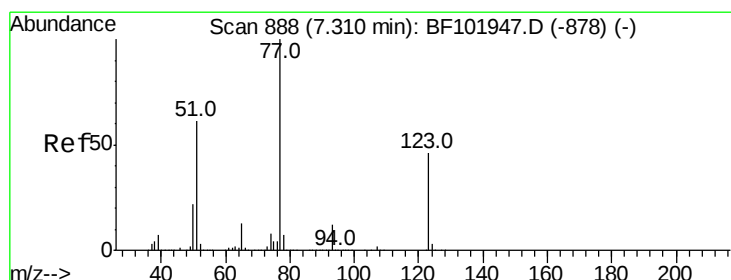
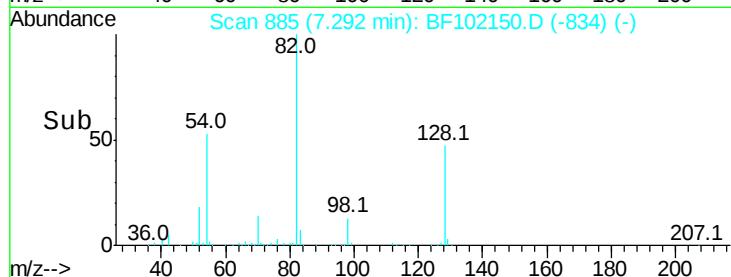
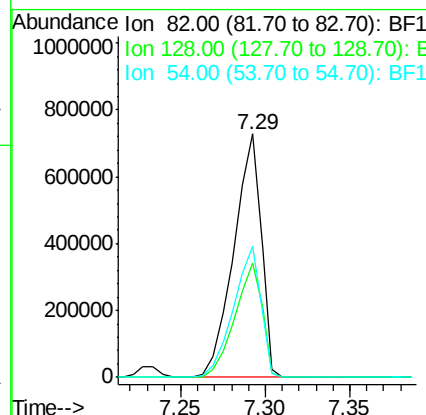
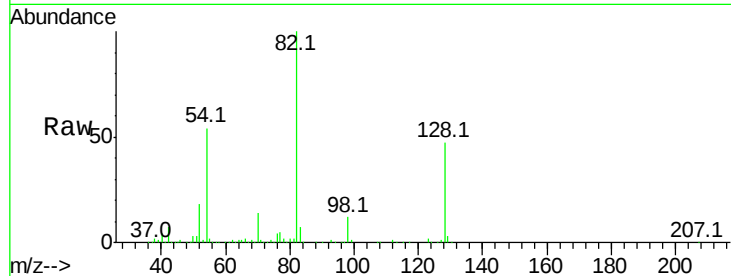
#23
 Nitrobenzene-d5
 Concen: 76.458 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampled :
 IGW-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	53.7	41.4	62.2

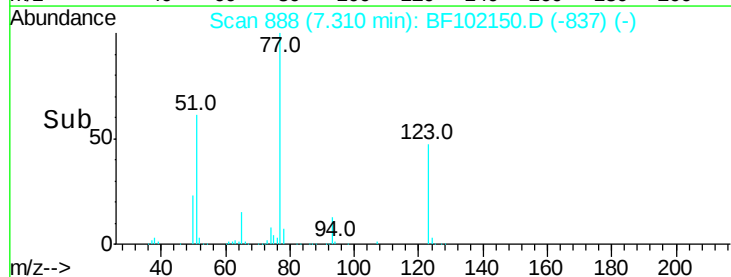
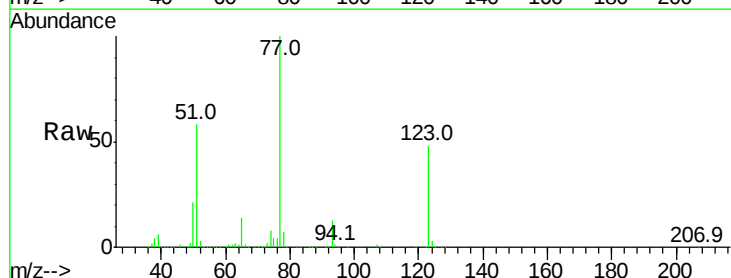
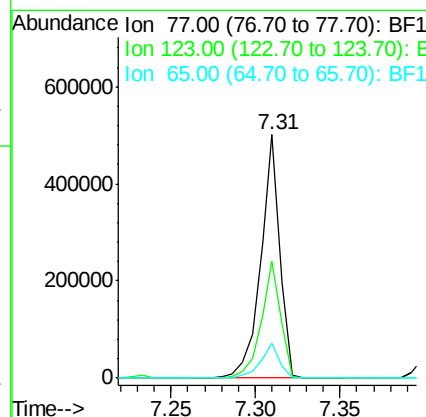
Manual Integrations
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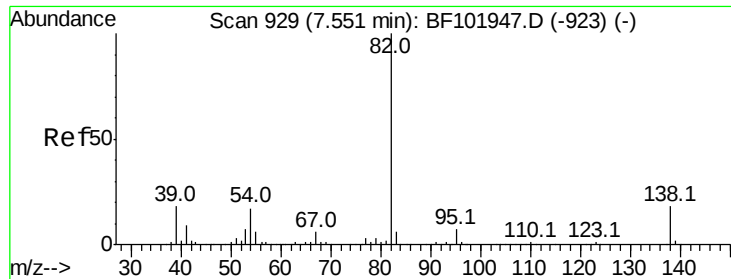
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#24
 Nitrobenzene
 Concen: 34.412 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.9	56.9
65	14.2	11.0	16.4





#25

Isophorone

Concen: 34.497 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

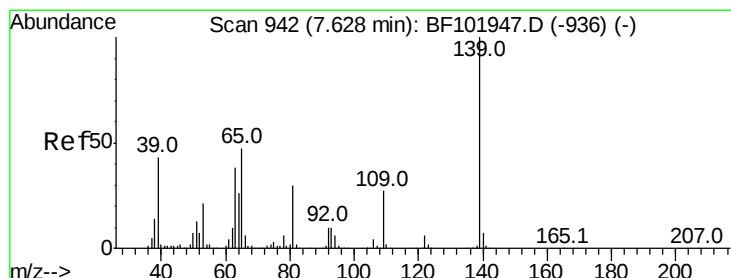
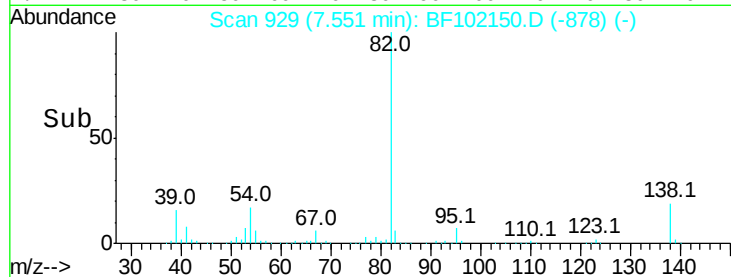
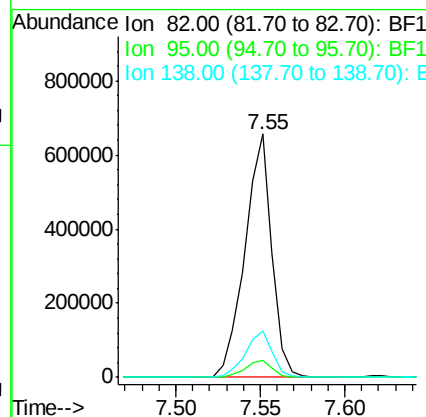
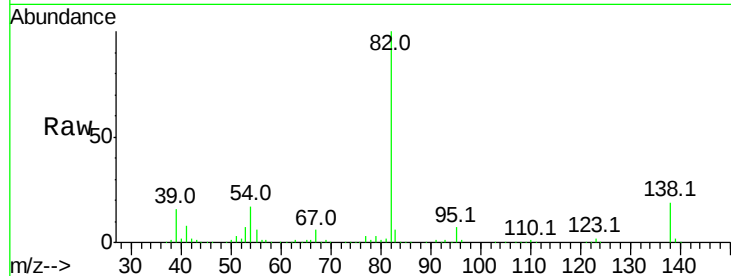
ClientSampleId :

IGW-1MS

Tot Ion:	82	Resp:	730158
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	19.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.070 ng

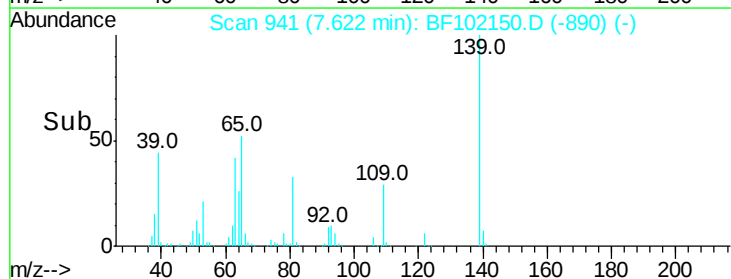
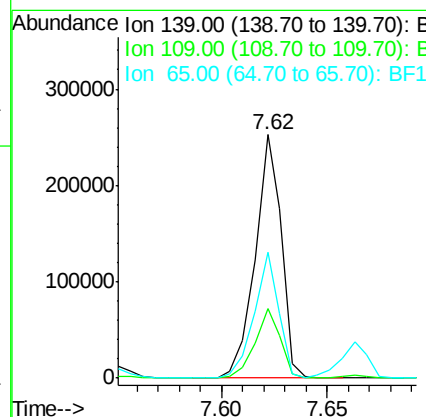
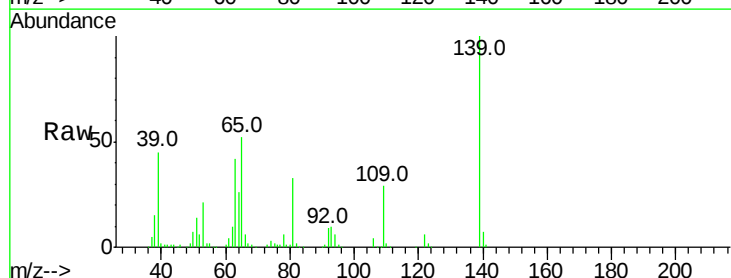
RT: 7.62 min Scan# 941

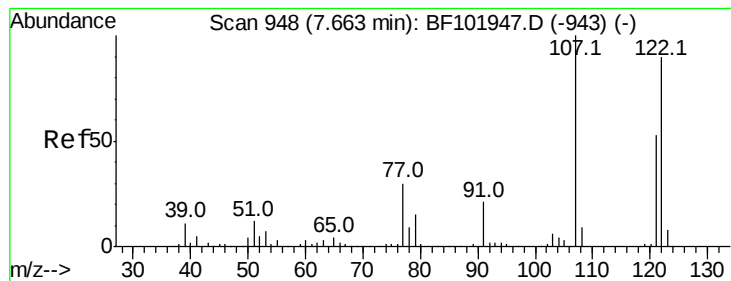
Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion:	139	Resp:	217138
Ion Ratio	Lower	Upper	
139	100		
109	28.6	22.7	34.1
65	51.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.061 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

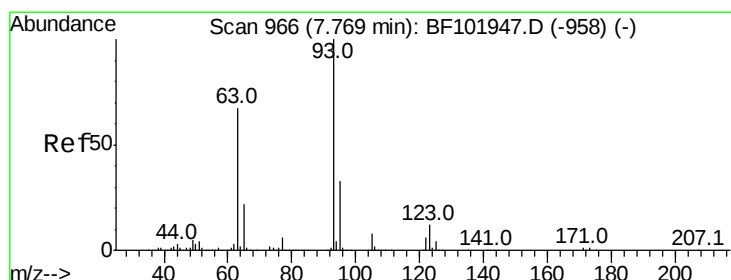
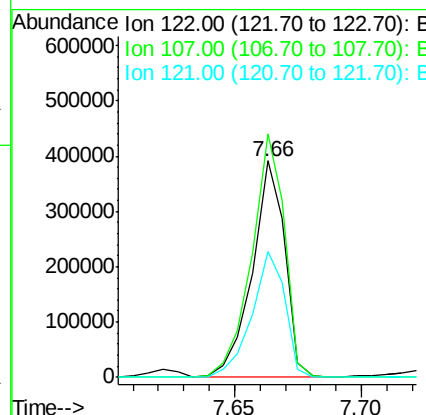
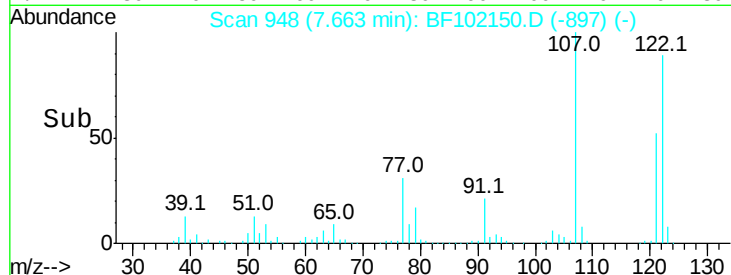
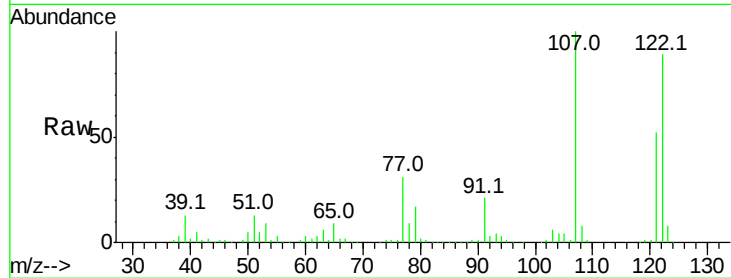
ClientSampled :

IGW-1MS

Tot Ion:	122	Resp:	351451
Ion Ratio	Lower	Upper	
122	100		
107	112.4	91.2	136.8
121	58.0	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 35.843 ng

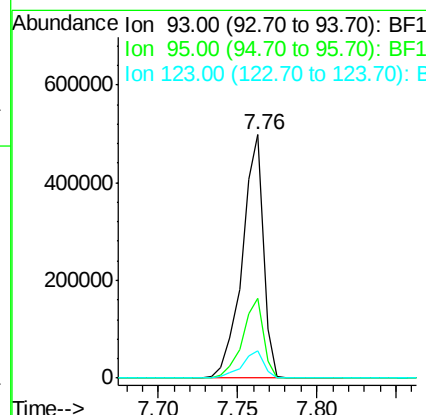
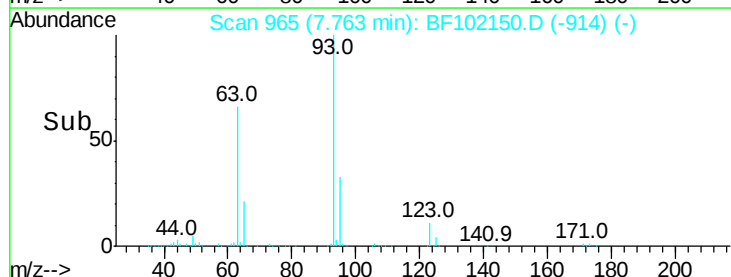
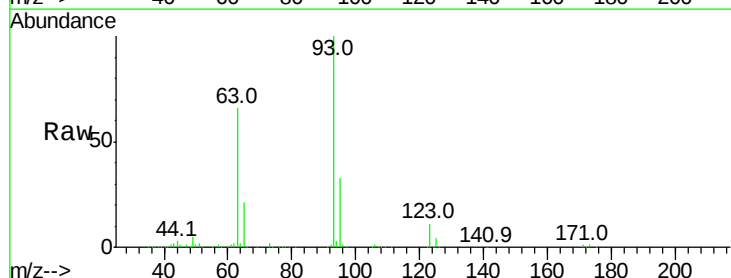
RT: 7.76 min Scan# 965

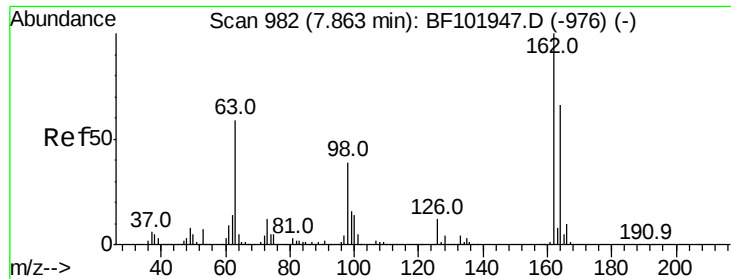
Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion:	93	Resp:	458070
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	11.1	9.8	14.6





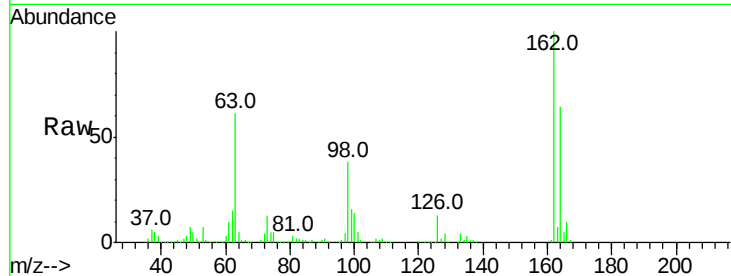
#29
2,4-Dichlorophenol
Concen: 38.816 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampled :
IGW-1MS

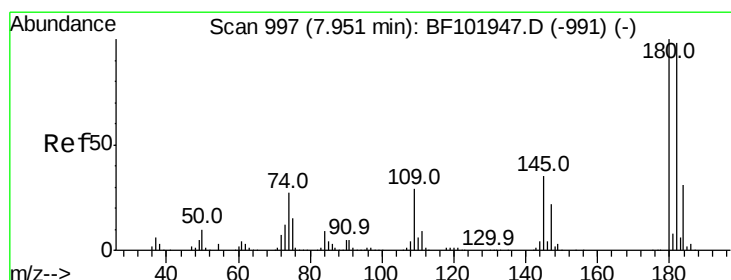
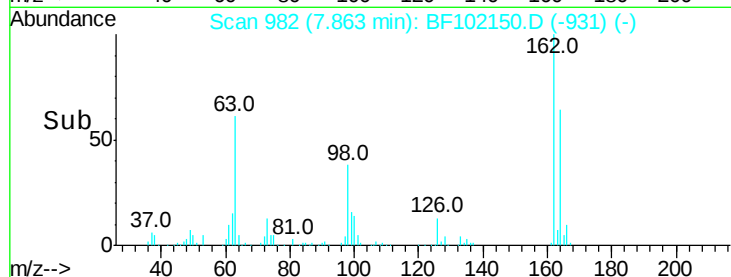
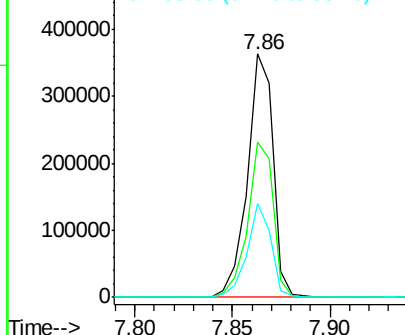
Tot Ion	Ratio	Resp	Lower	Upper
162	100	331627		
164	63.9	42.7	82.7	
98	38.3	18.1	58.1	

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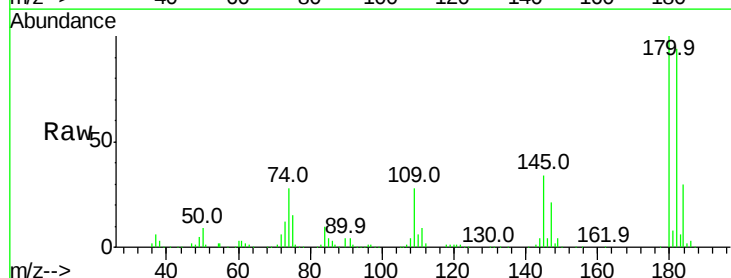


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

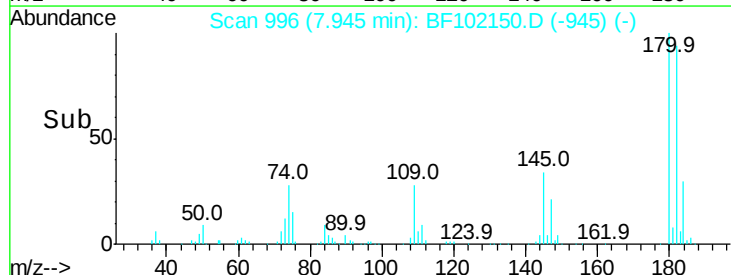
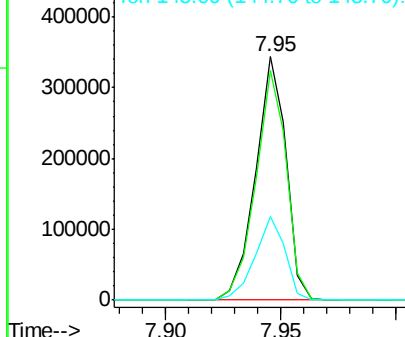


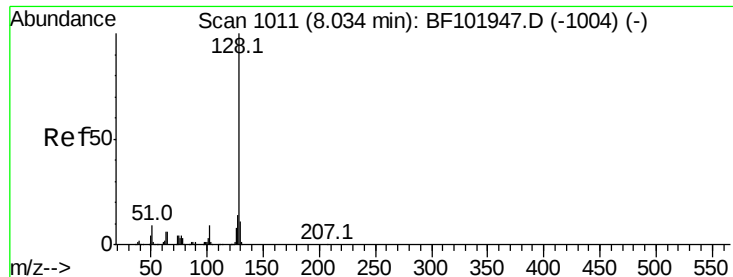
#30
1,2,4-Trichlorobenzene
Concen: 35.401 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	316360		
182	94.1	76.8	115.2	
145	34.4	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





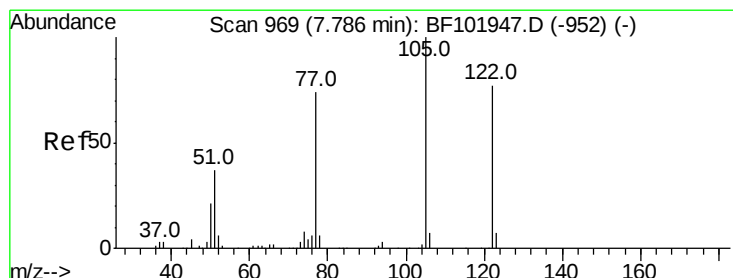
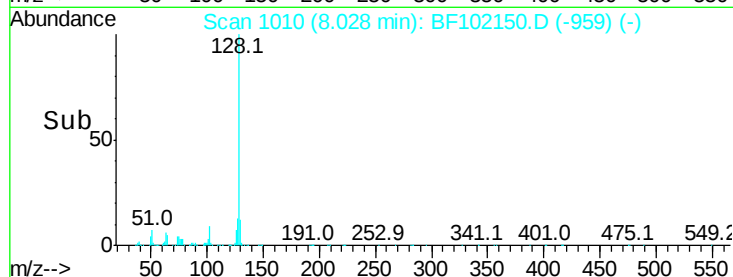
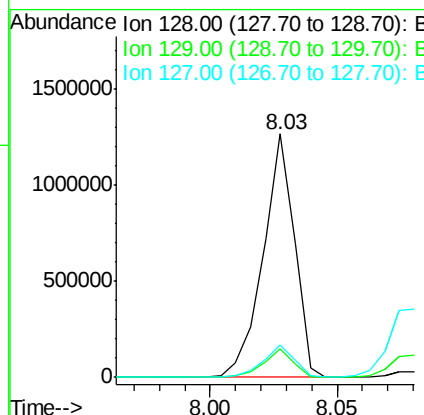
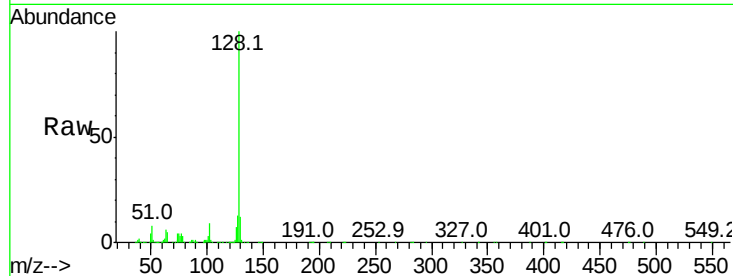
#31
Naphthalene
Concen: 34.565 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion:128 Resp: 1087225
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.3 10.9 16.3

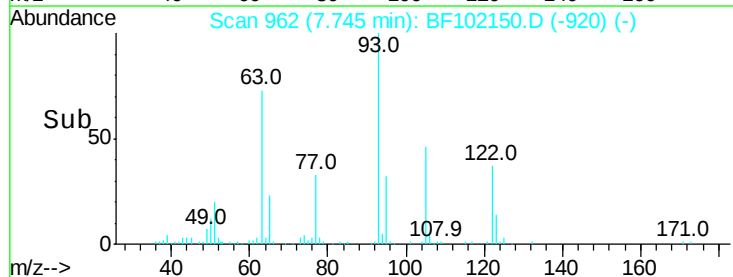
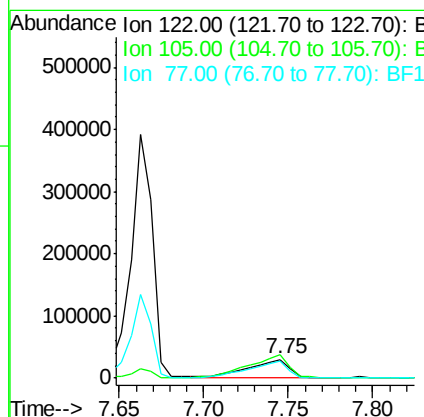
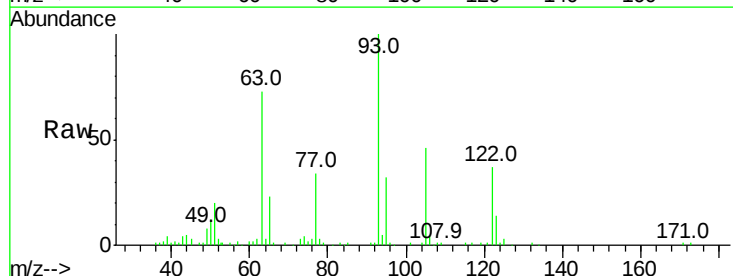
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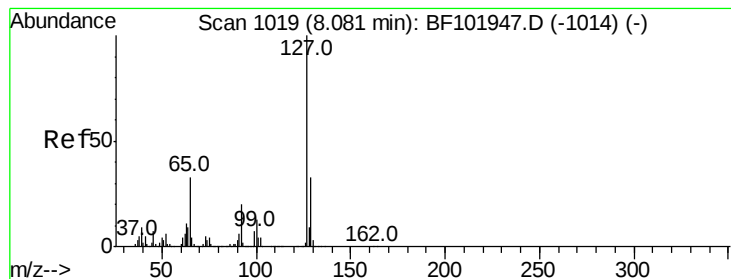
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#32
Benzoic acid
Concen: 7.240 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion:122 Resp: 49400
Ion Ratio Lower Upper
122 100
105 123.9 101.1 141.1
77 91.1 70.7 110.7





#33

4-Chloroaniline

Concen: 25.766 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

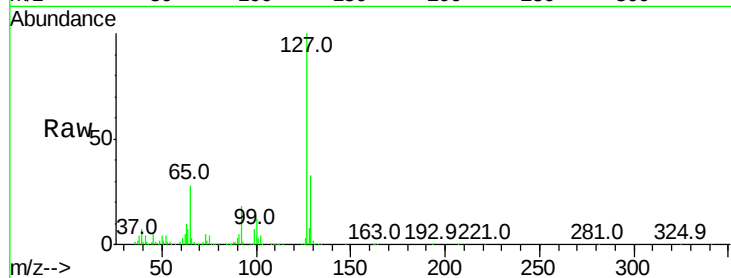
ClientSampleId :

IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	25.9	38.9	
65	27.7	25.0	37.4	
92	17.8	15.2	22.8	

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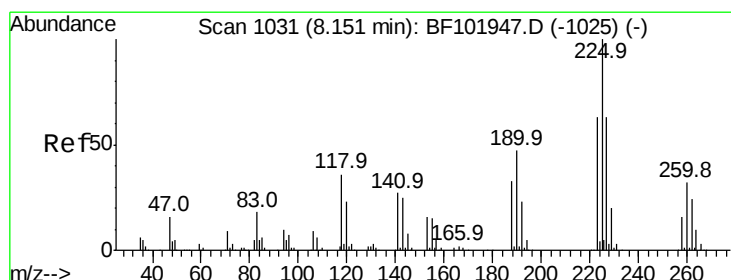
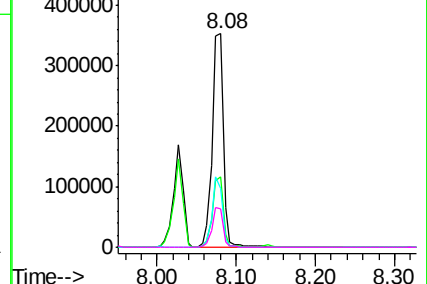
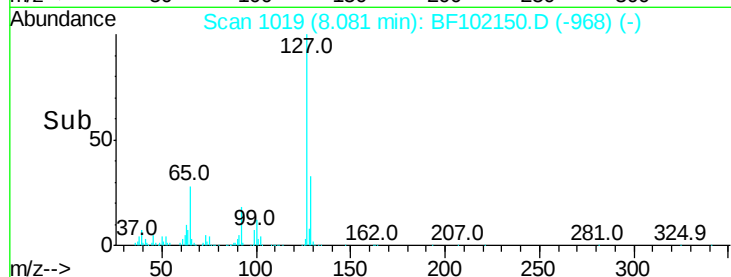
Abundance

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: 35.754 ng

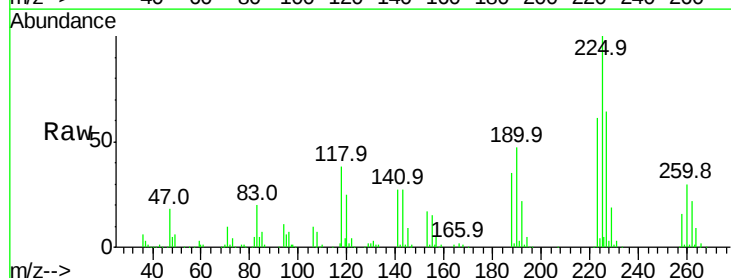
RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.9	50.6	76.0	
227	63.8	51.9	77.9	

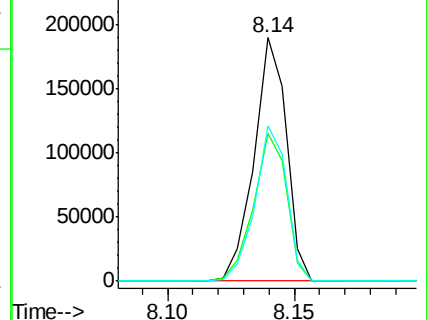
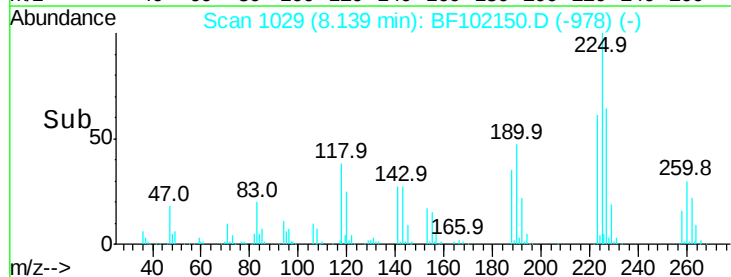


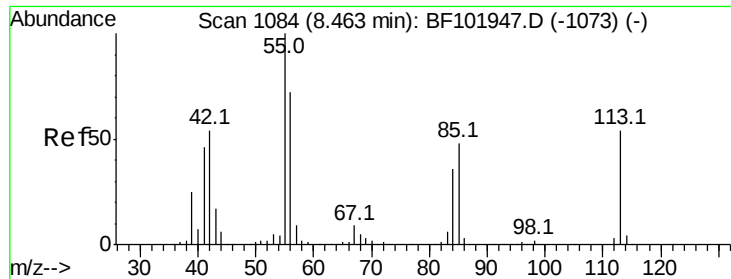
Abundance

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





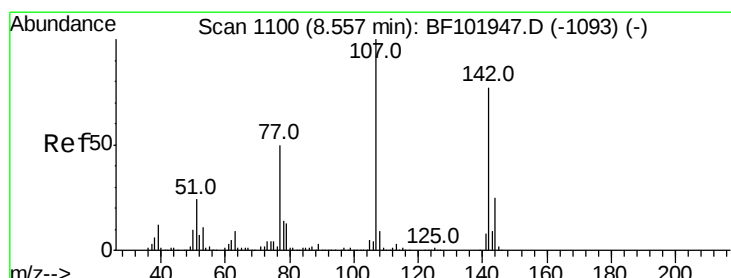
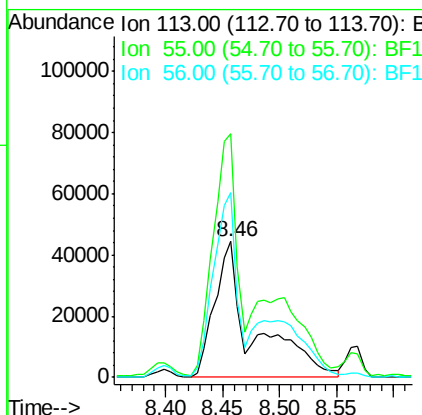
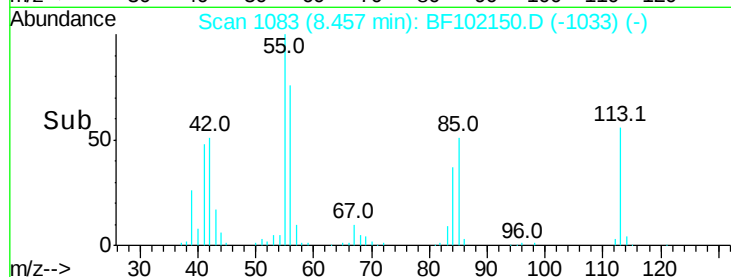
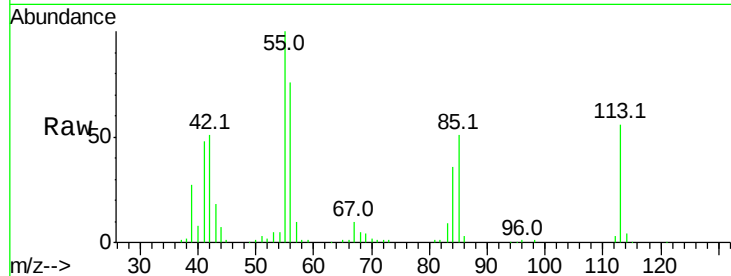
#35
Caprolactam
Concen: 35.790 ng/ml
RT: 8.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.3	163.3	203.3
56	135.8	115.7	155.7

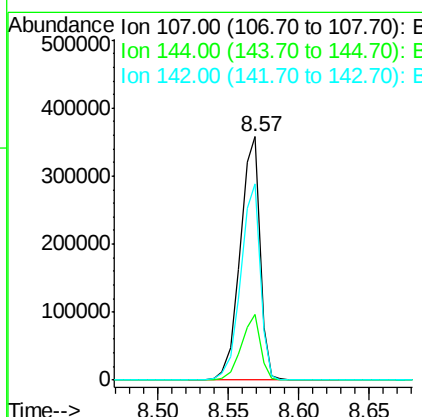
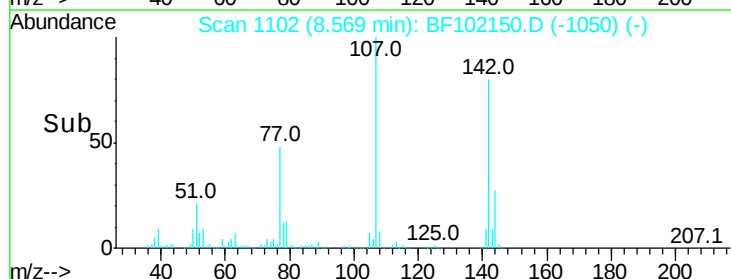
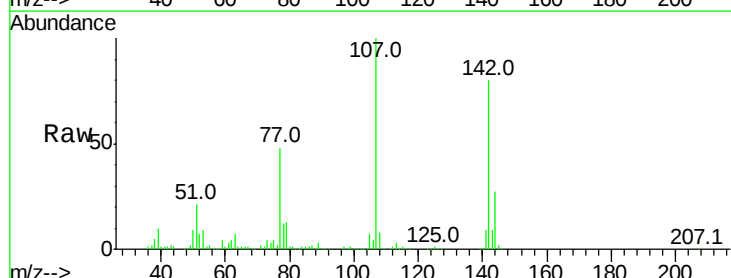
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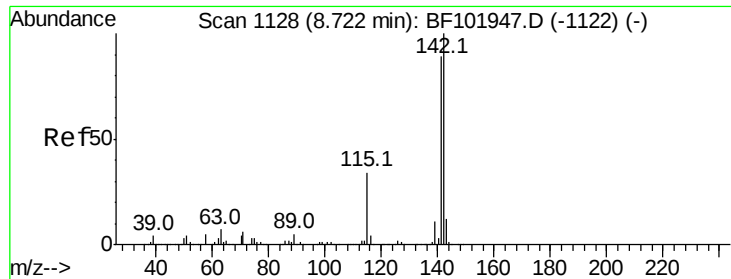
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#36
4-Chloro-3-methylphenol
Concen: 37.540 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	80.4	62.0	93.0





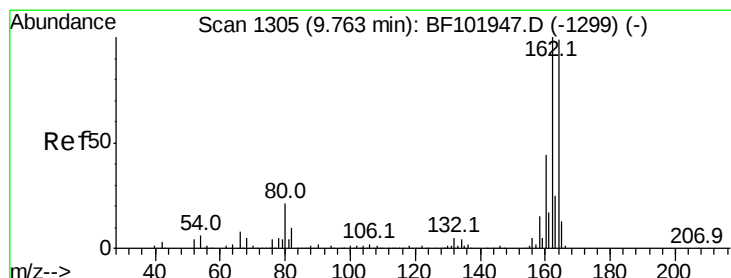
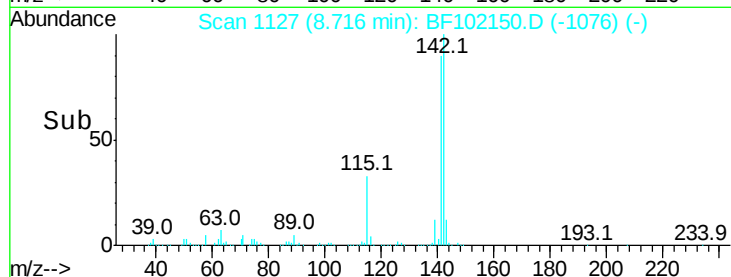
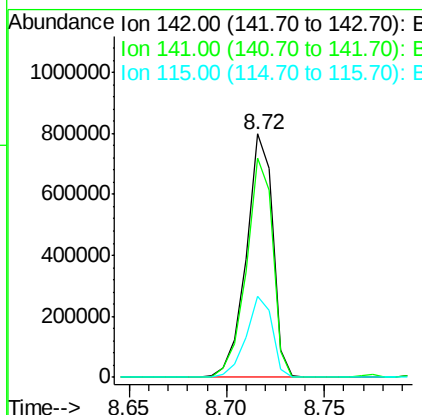
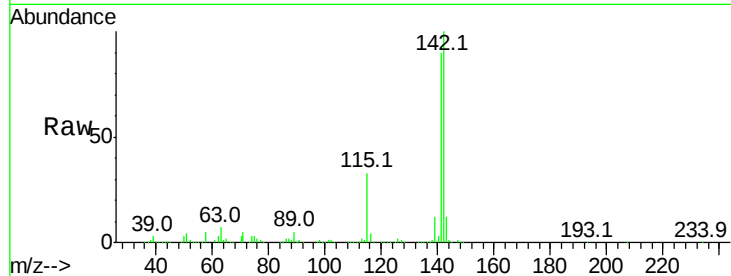
#37
2-Methylnaphthalene
Concen: 36.282 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	33.5	26.1	39.1

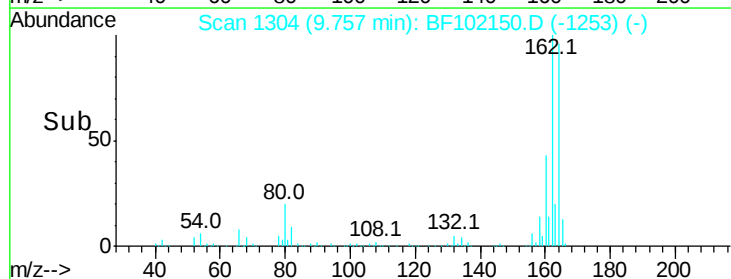
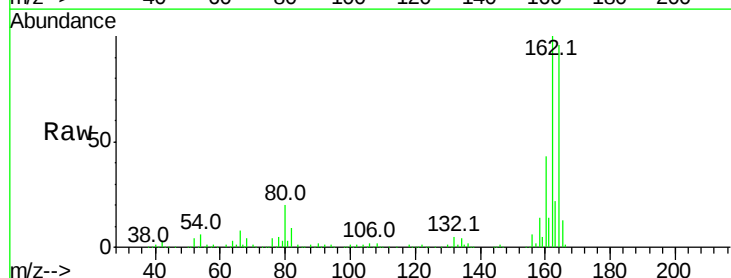
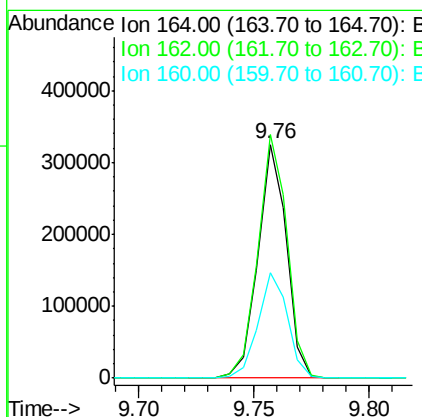
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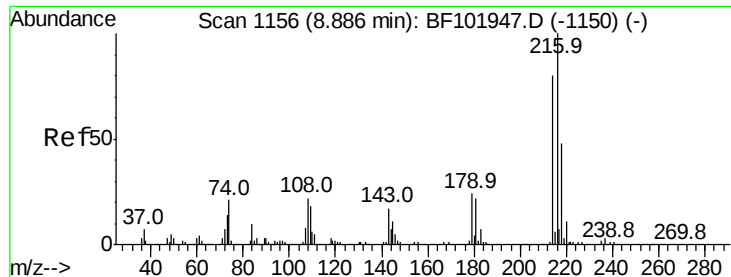
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.1	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.769 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

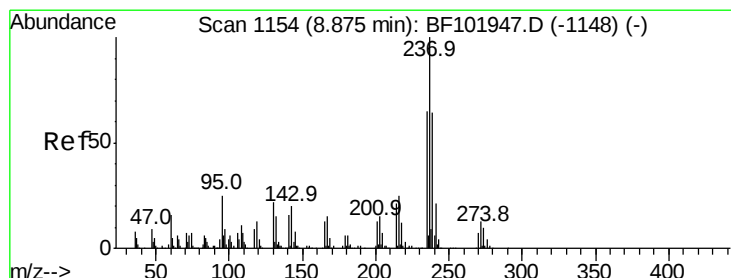
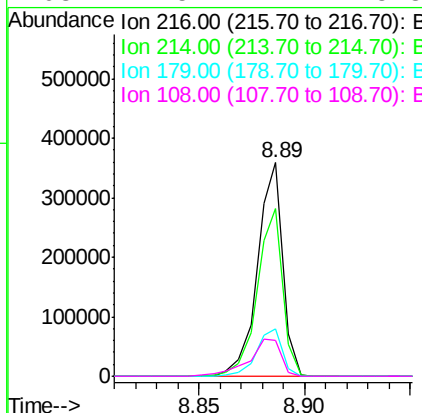
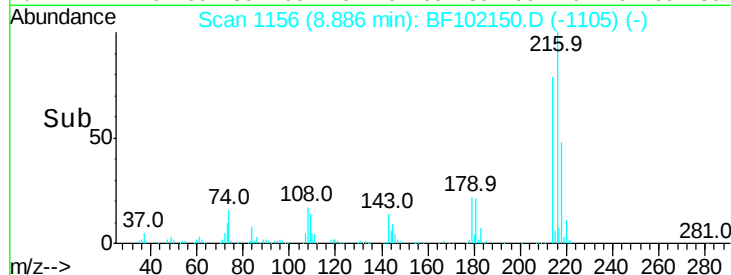
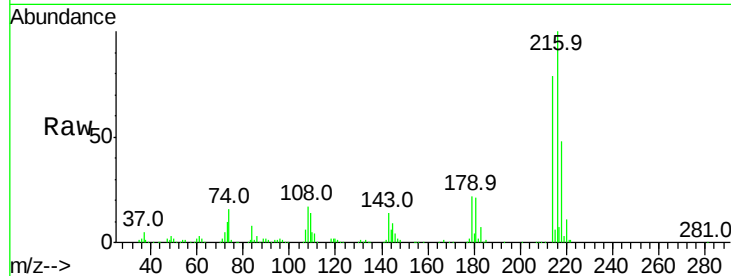
ClientSampled :

IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	299099		
214	79.2	63.0	94.4	
179	23.1	18.1	27.1	
108	22.5	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 62.921 ng

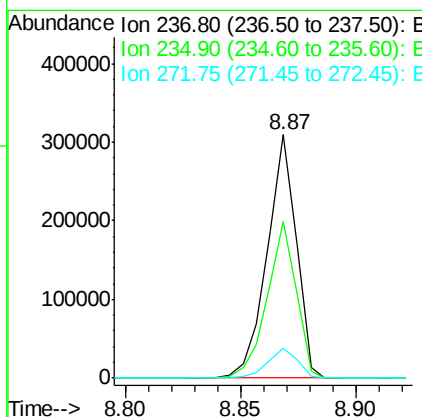
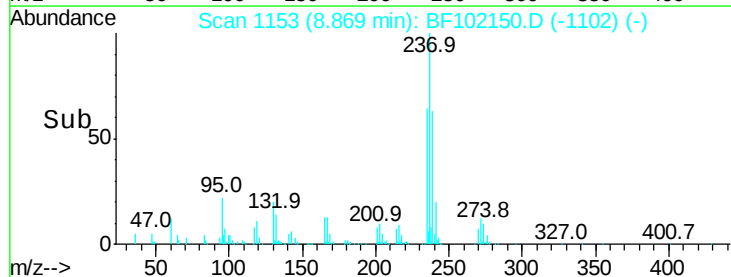
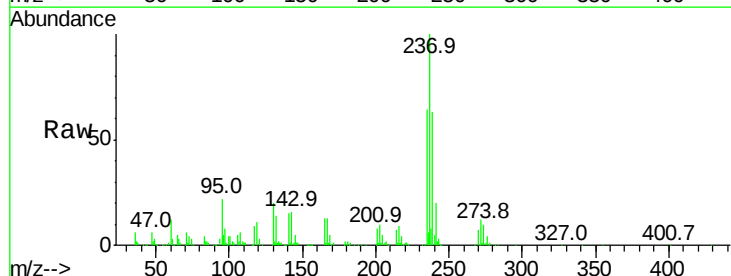
RT: 8.87 min Scan# 1153

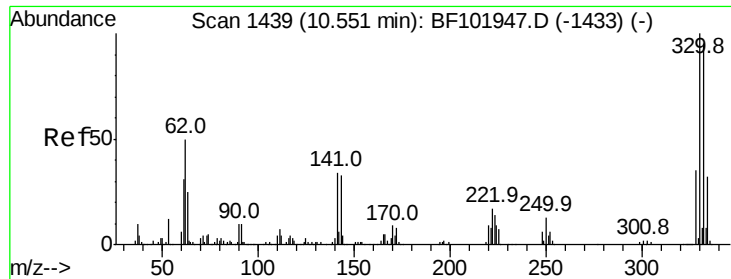
Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	272506		
235	64.3	44.8	84.8	
272	12.3	0.0	33.3	





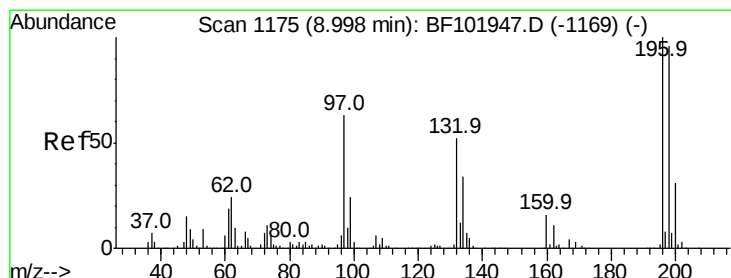
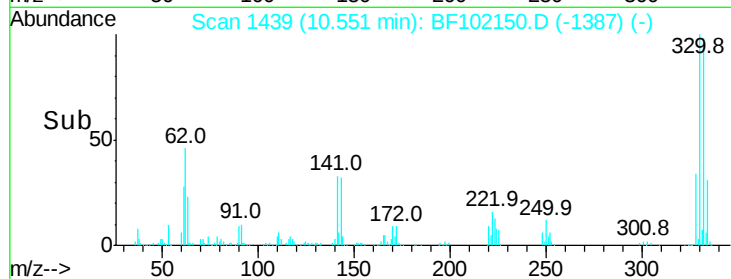
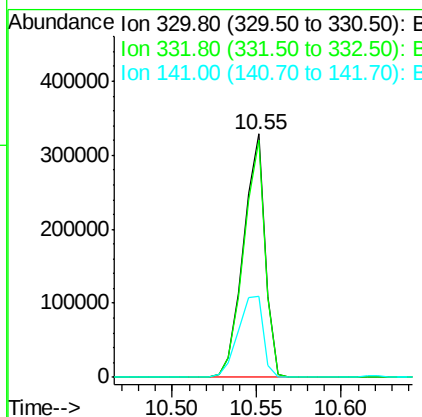
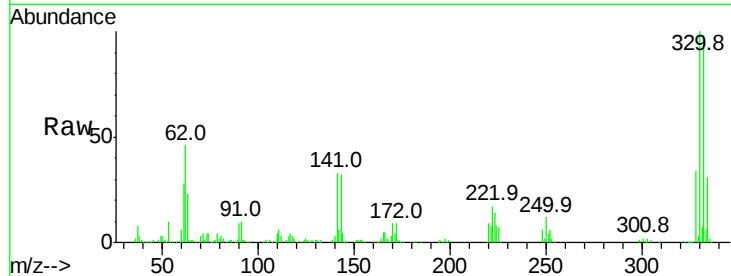
#41
 2,4,6-Tribromophenol
 Concen: 121.312 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	296345		
332	97.0	77.0	115.6	
141	38.3	29.9	44.9	

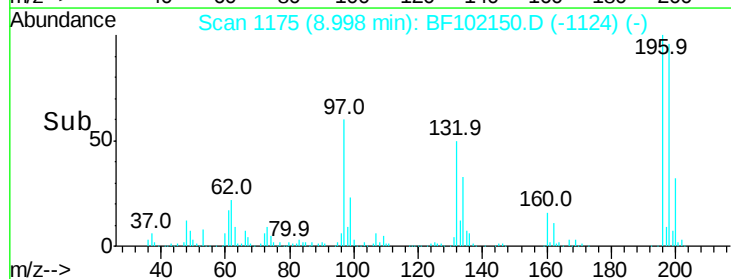
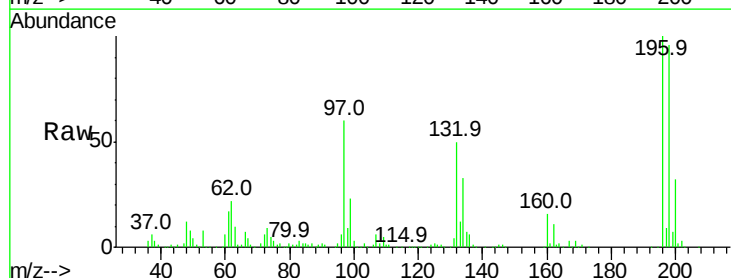
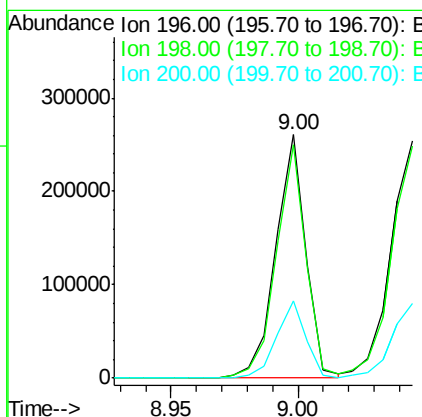
Manual Integrations
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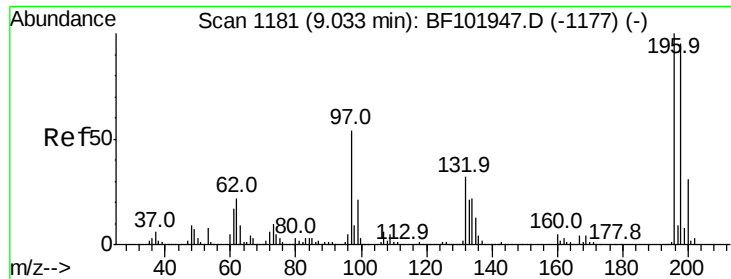
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#42
 2,4,6-Trichlorophenol
 Concen: 39.664 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216455		
198	96.0	75.7	113.5	
200	31.5	24.5	36.7	





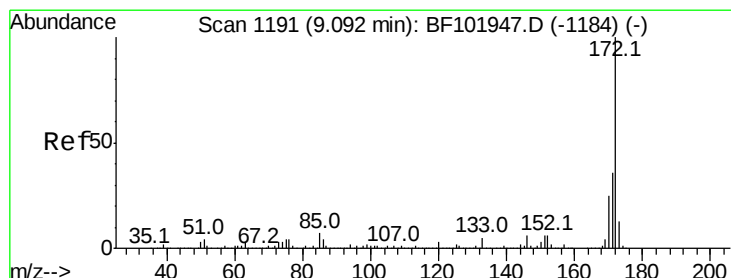
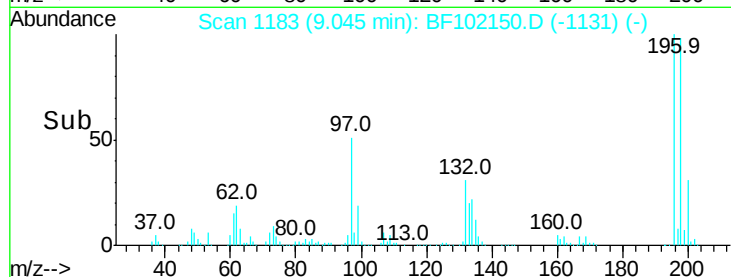
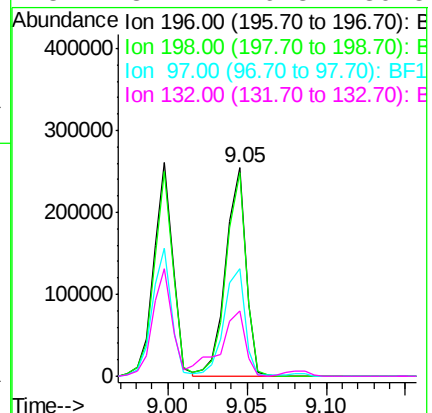
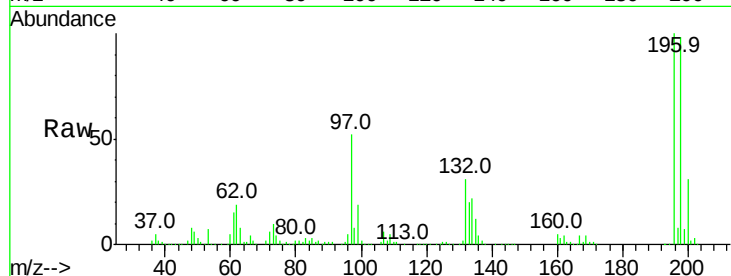
#43
2,4,5-Trichlorophenol
Concen: 36.778 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226844		
198	97.8	74.6	112.0	
97	51.6	42.9	64.3	
132	31.1	26.3	39.5	

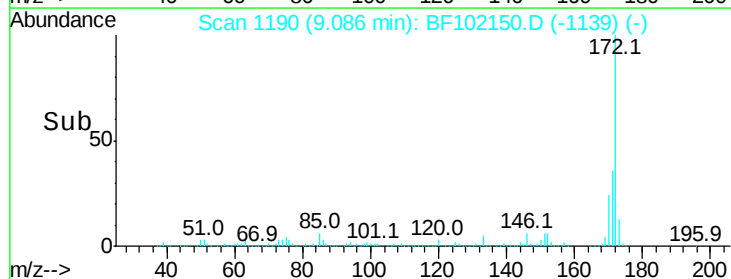
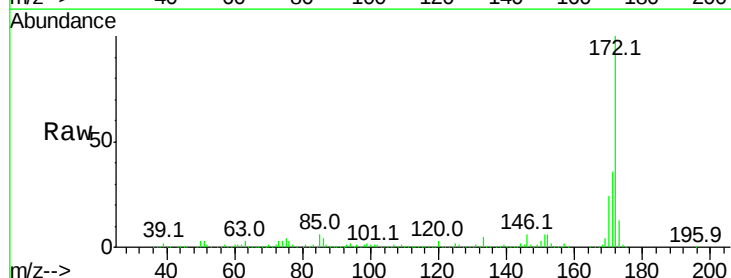
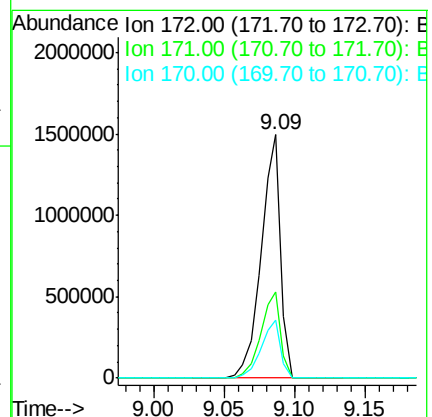
Manual Integrations
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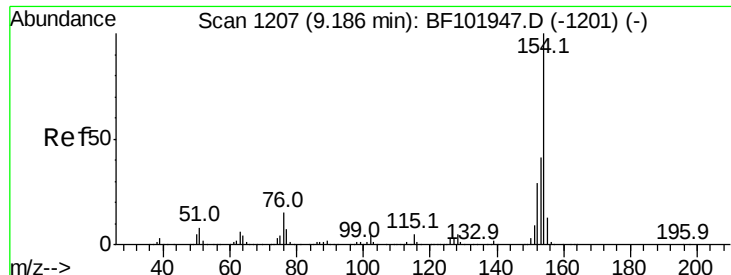
Sohil
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#44
2-Fluorobiphenyl
Concen: 80.298 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1438759		
171	35.6	29.7	44.5	
170	23.9	19.6	29.4	





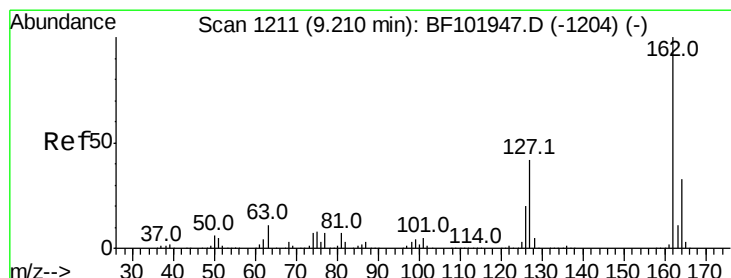
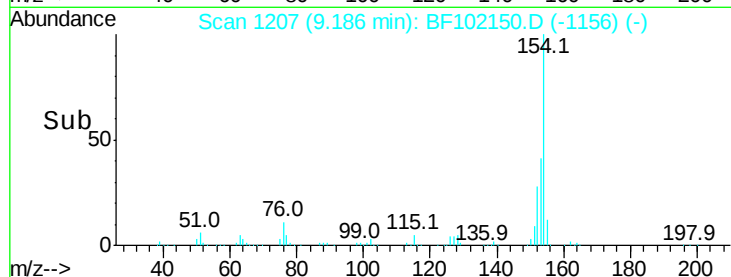
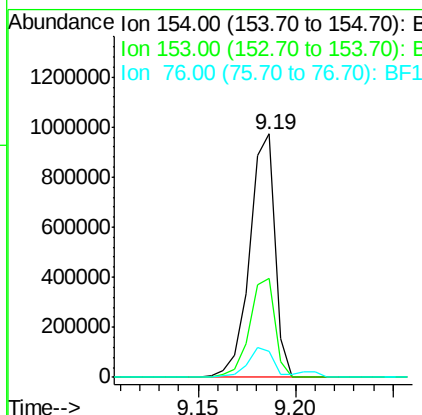
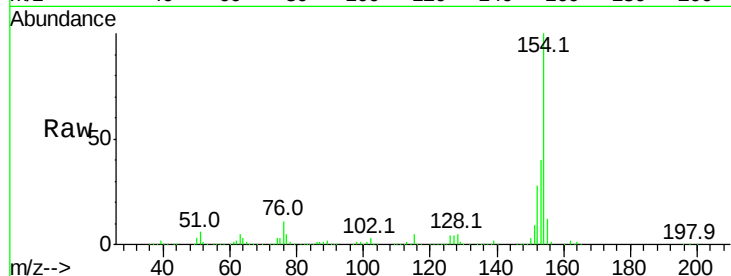
#45
 1,1'-Biphenyl
 Concen: 35.281 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampled :
 IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	21.3	61.3	
76	10.8	0.0	34.0	

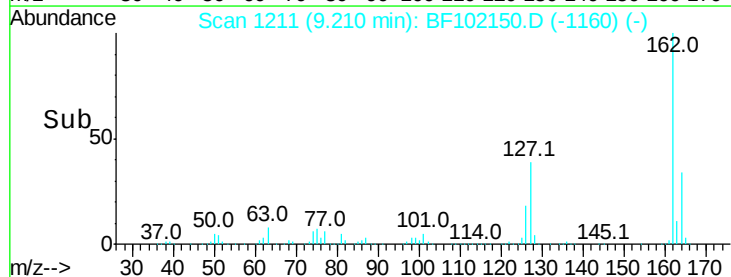
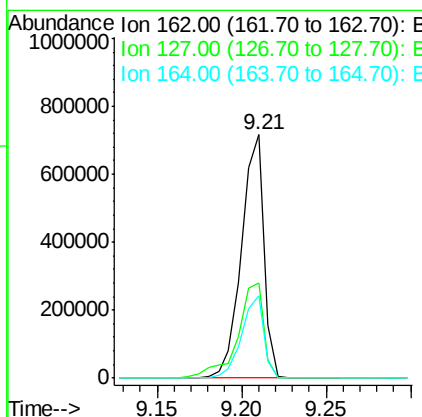
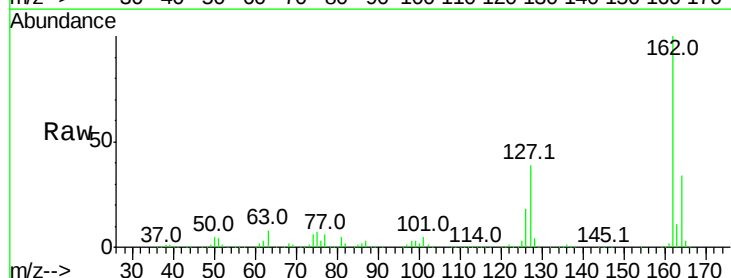
Manual Integrations
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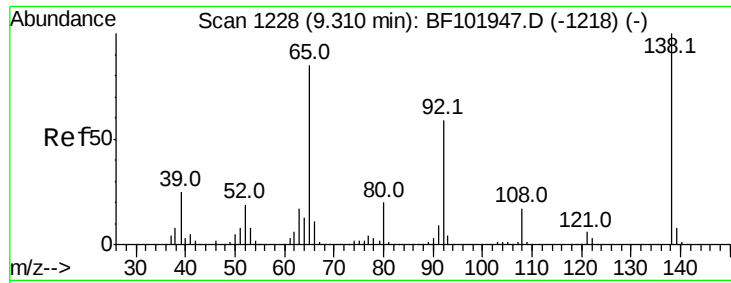
Sohil
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#46
 2-Chloronaphthalene
 Concen: 34.663 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.2	33.9	50.9	
164	33.7	26.5	39.7	





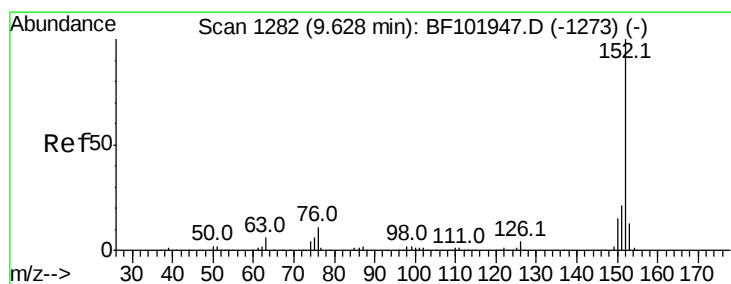
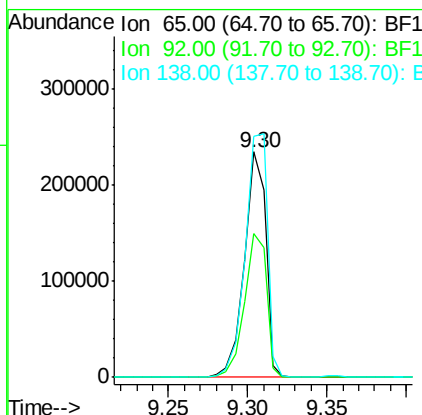
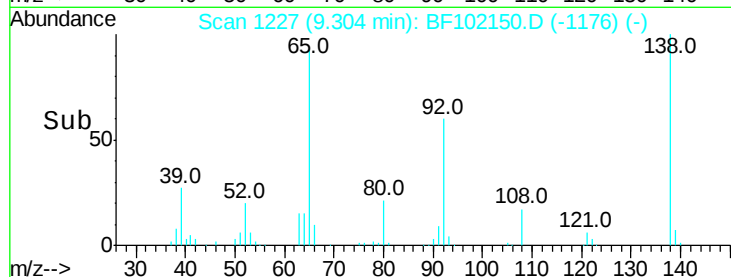
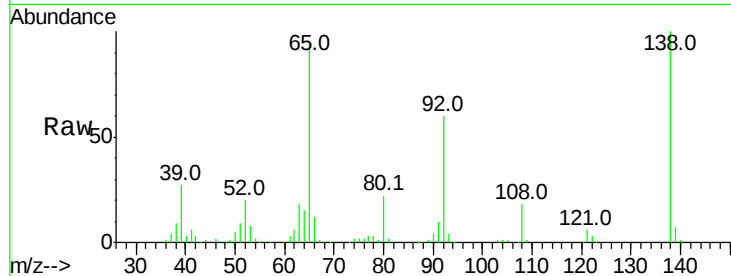
#47
2-Nitroaniline
Concen: 38.080 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	55.8	83.6
138	106.8	91.2	136.8

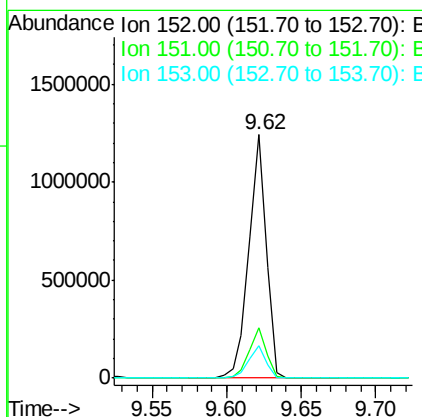
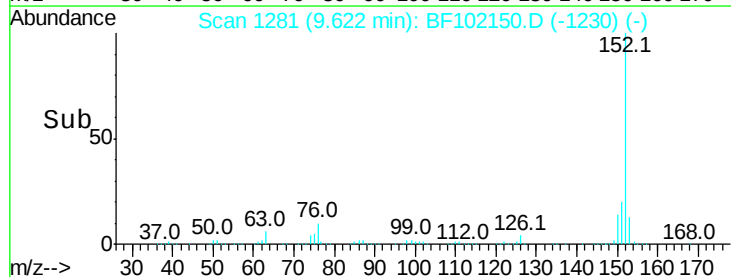
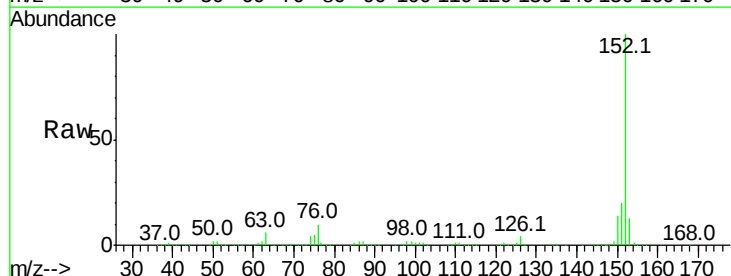
Manual Integrations
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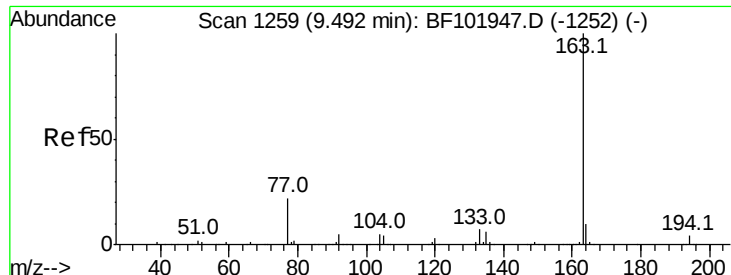
Sohil
1/18/2018 11:12:17 AM



#48
Acenaphthylene
Concen: 32.981 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1





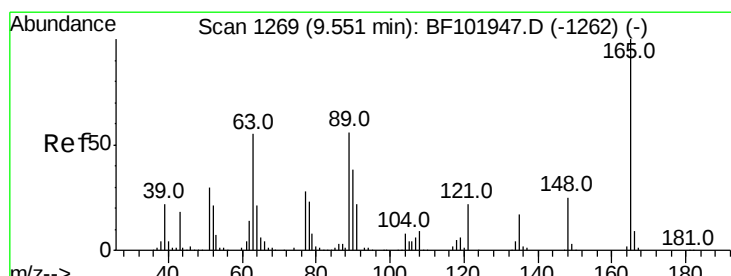
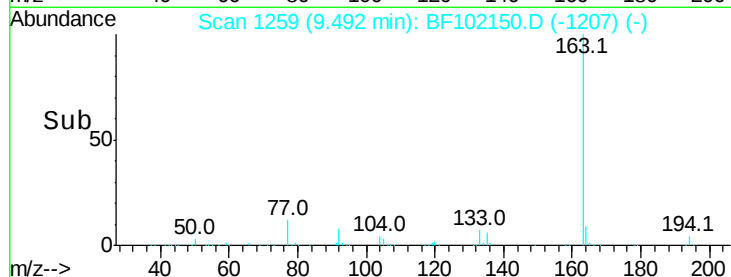
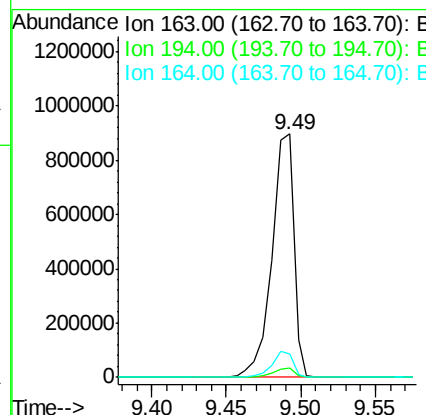
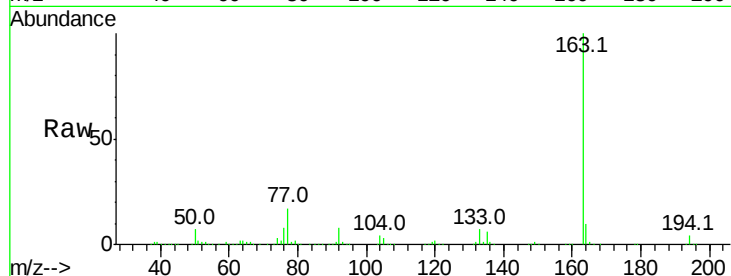
#49
Dimethylphthalate
Concen: 40.657 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampled :
IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.7	4.1	
164	9.6	8.2	12.2	

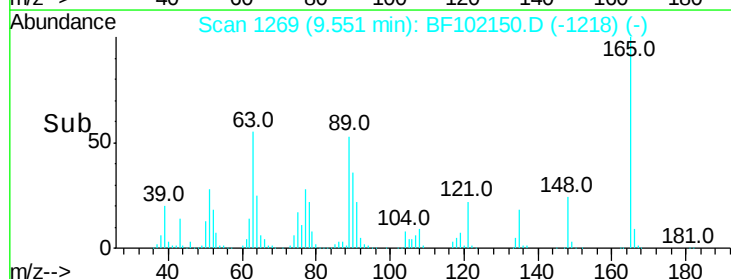
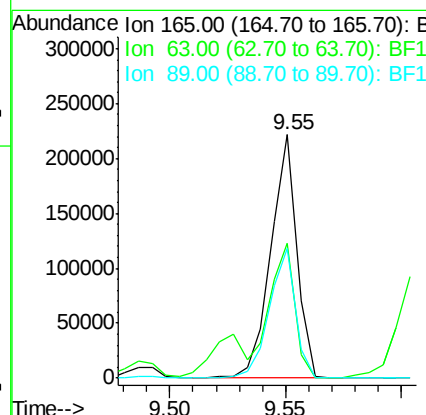
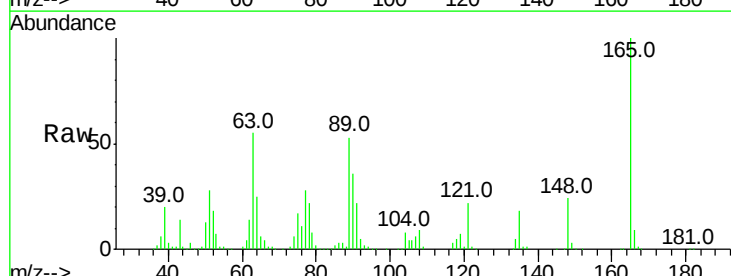
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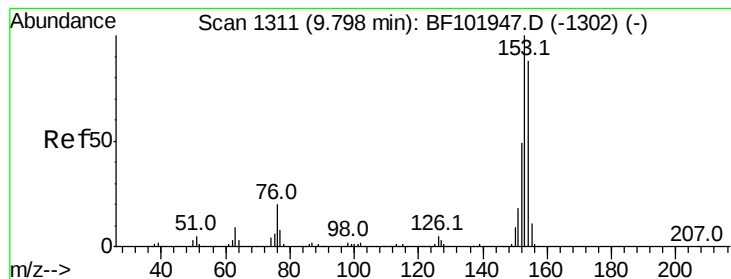
Sohil
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#50
2,6-Dinitrotoluene
Concen: 38.889 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.5	44.7	67.1	
89	53.3	44.0	66.0	





#51

Acenaphthene

Concen: 32.106 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

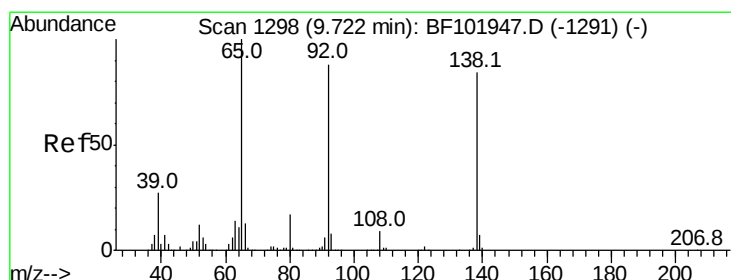
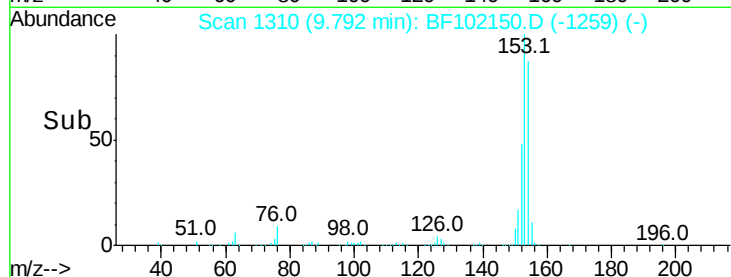
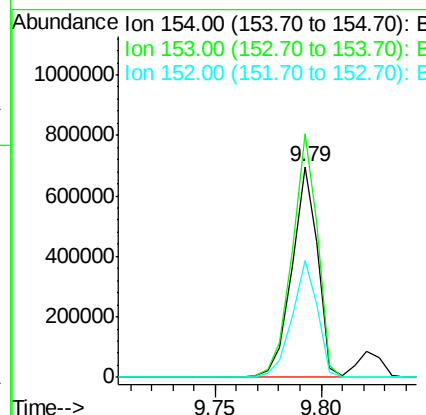
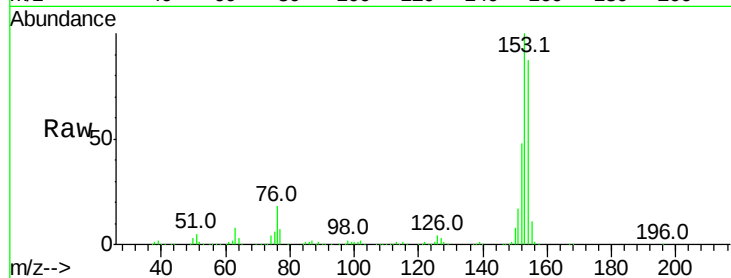
ClientSampleId :

IGW-1MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.2	136.8
152	55.4	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 28.696 ng

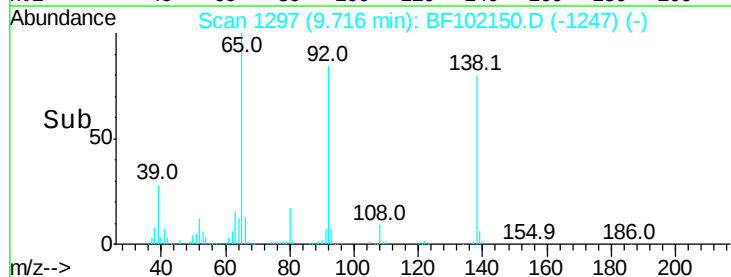
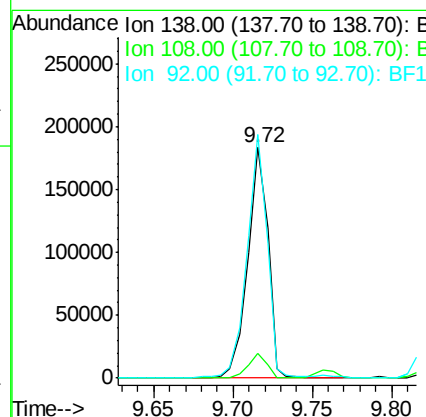
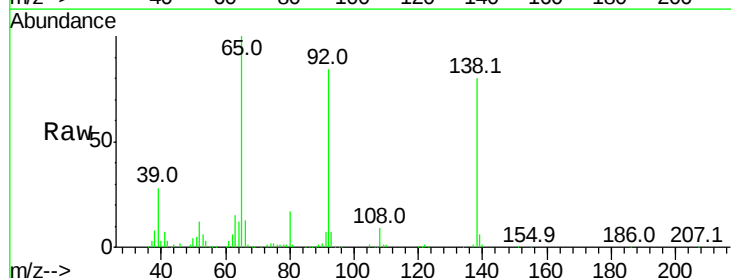
RT: 9.72 min Scan# 1297

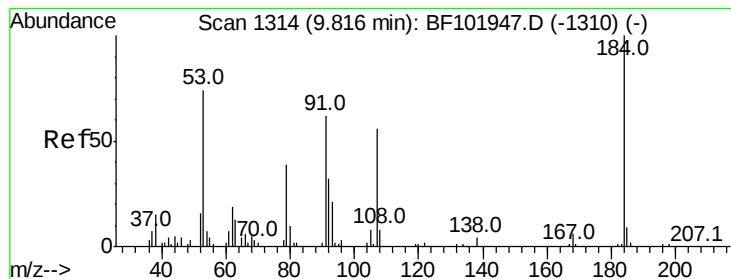
Delta R.T. -0.01 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	105.8	89.4	134.2





#53

2,4-Dinitrophenol

Concen: 66.640 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

ClientSampled :

IGW-1MS

Tot Ion:184 Resp: 111453

Ion Ratio Lower Upper

184 100

63 77.6 54.2 81.2

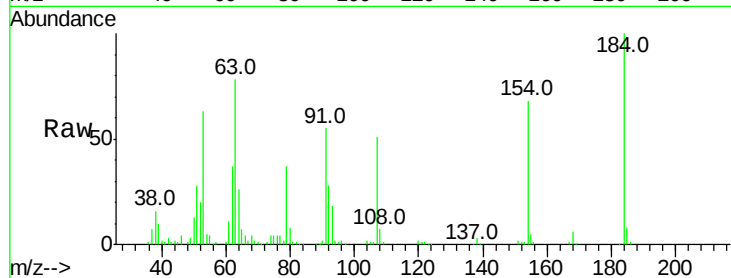
154 68.5 184.0 276.0#

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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

800000

600000

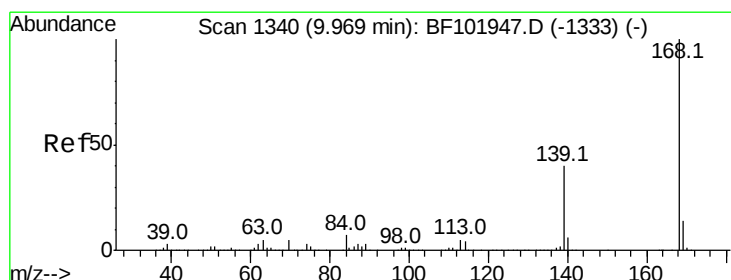
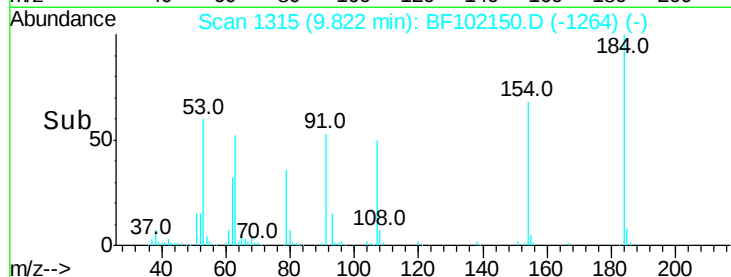
400000

200000

0

9.80 9.85

Time-->



#54

Dibenzofuran

Concen: 35.451 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

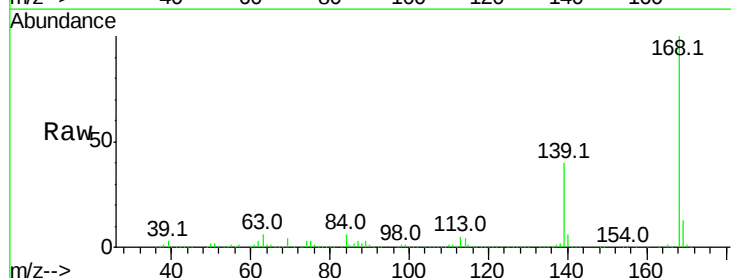
Tgt Ion:168 Resp: 899173

Ion Ratio Lower Upper

168 100

139 40.4 30.1 45.1

169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

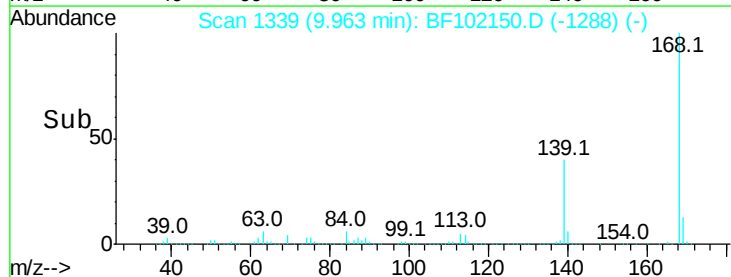
1000000

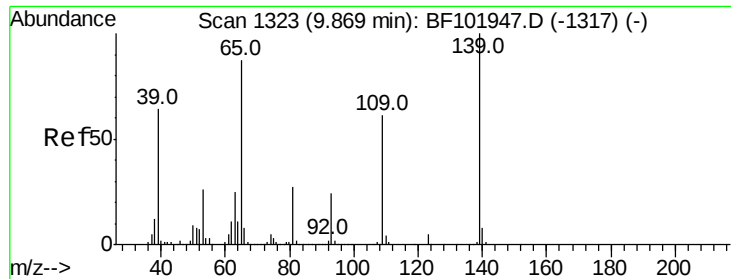
500000

0

9.90 9.95 10.00

Time-->





#55

4-Nitrophenol

Concen: 69.744 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

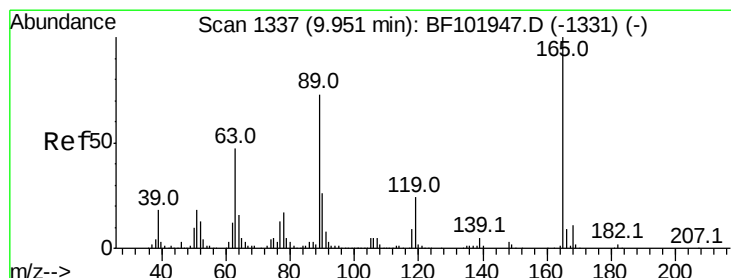
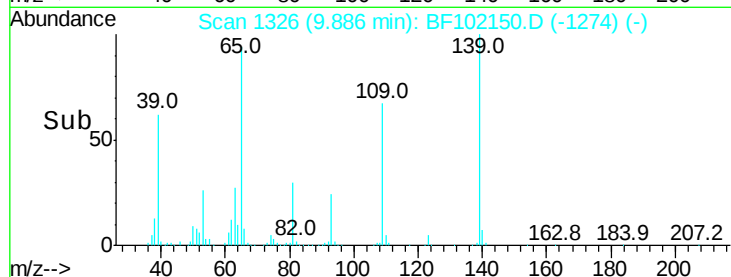
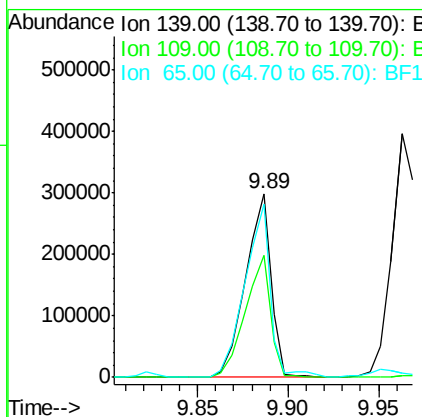
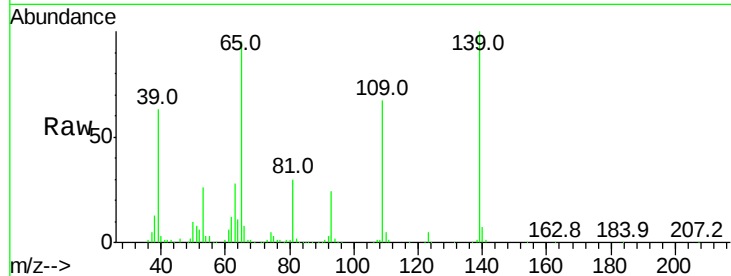
ClientSampled :

IGW-1MS

Tot Ion:	139	Resp:	294232
Ion Ratio	Lower	Upper	
139	100		
109	66.6	48.4	88.4
65	94.6	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 40.398 ng

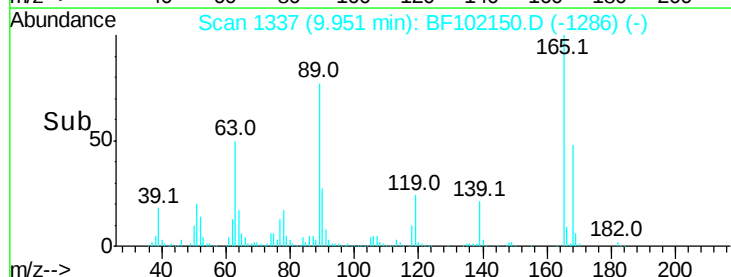
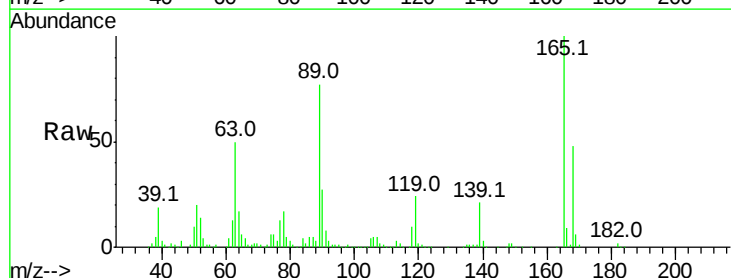
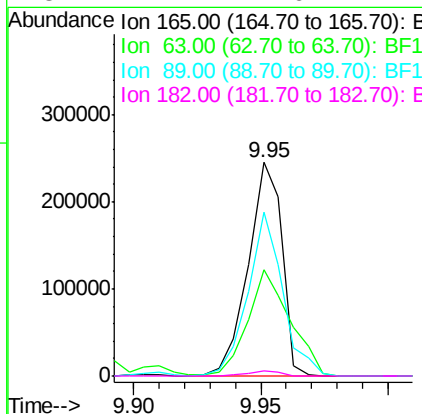
RT: 9.95 min Scan# 1337

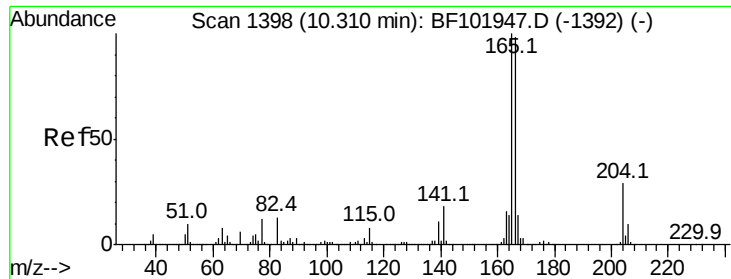
Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion:	165	Resp:	227121
Ion Ratio	Lower	Upper	
165	100		
63	49.9	36.4	54.6
89	76.8	57.8	86.6
182	2.2	1.6	2.4





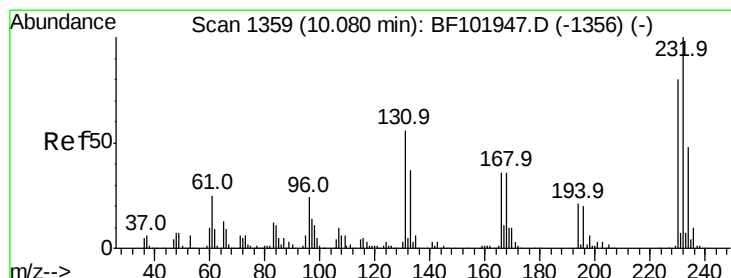
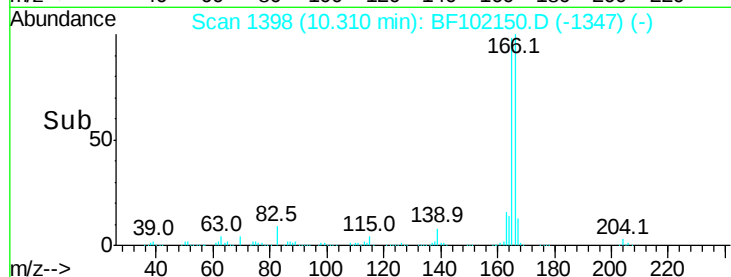
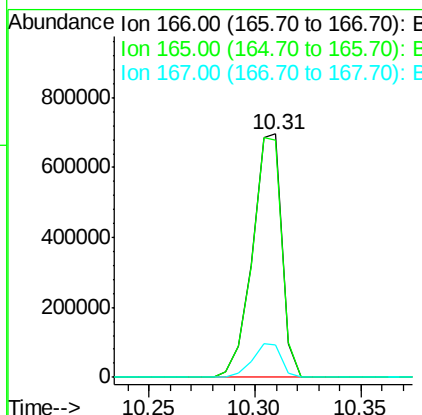
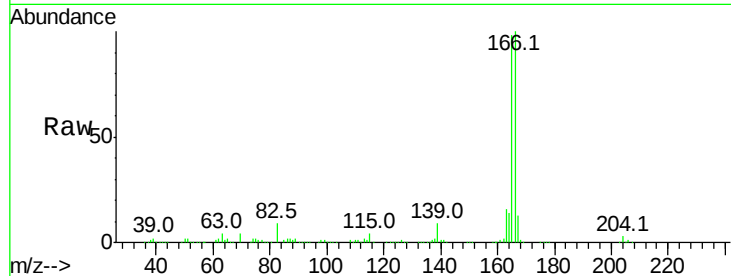
#57
 Fluorene
 Concen: 38.451 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IGW-1MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	13.2	10.6	16.0

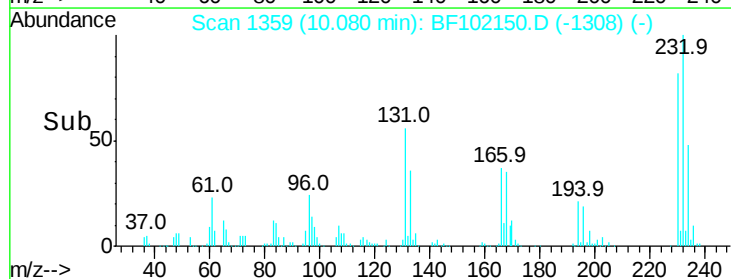
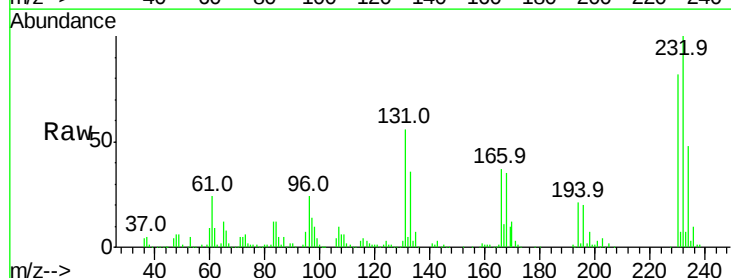
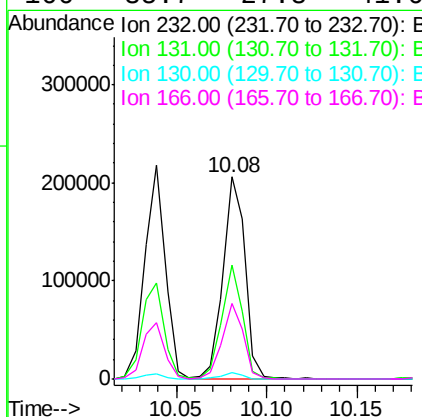
Manual Integrations
 APPROVED

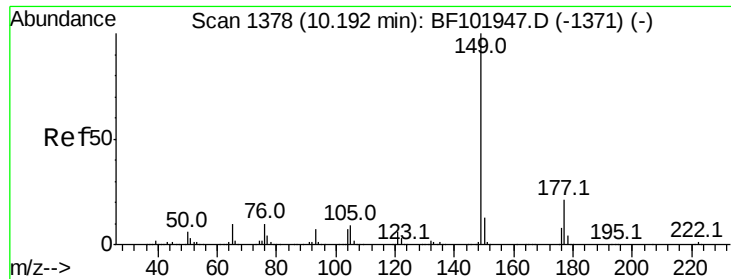
Sohil
 1/18/2018 11:12:17 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.688 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.1	43.8	65.8
130	3.0	2.1	3.1
166	35.7	27.8	41.6





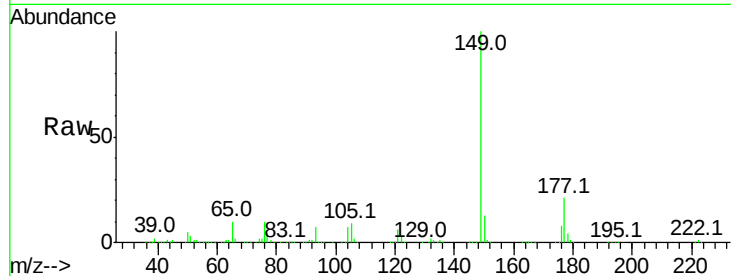
#59
Diethylphthalate
Concen: 34.120 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

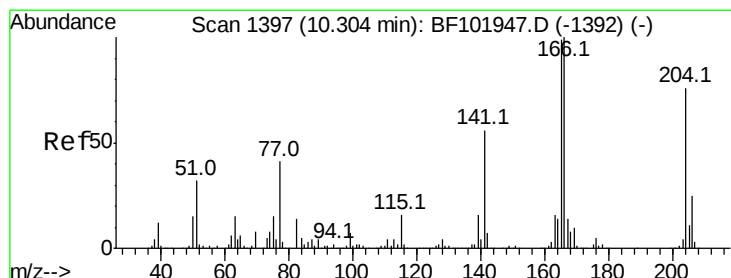
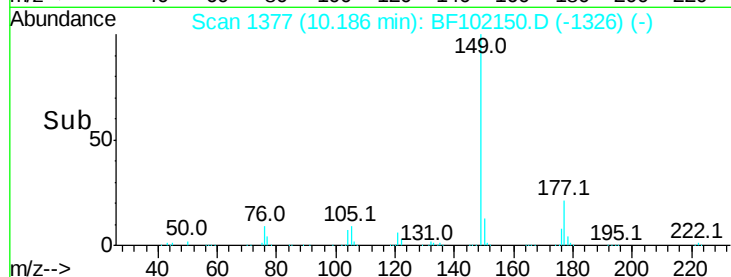
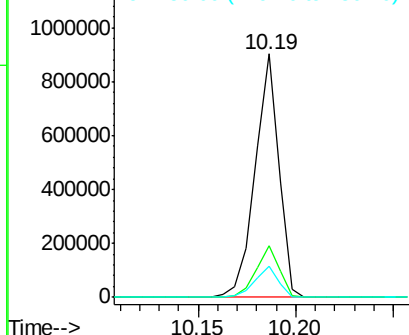
Tot Ion	Ratio	Resp	Lower	Upper
149	100	762145		
177	21.1	16.1	24.1	
150	12.5	10.1	15.1	

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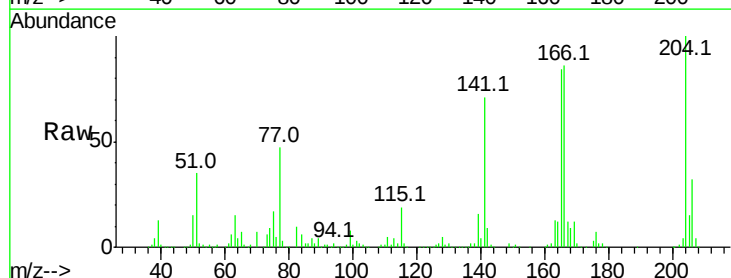


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

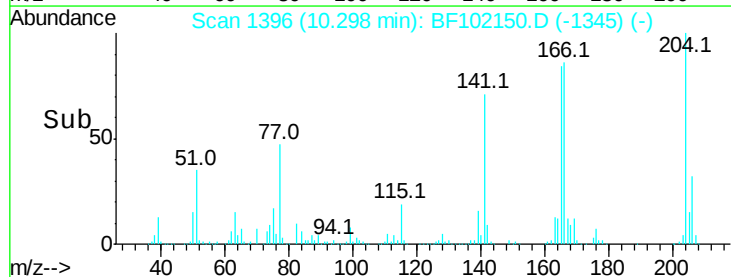
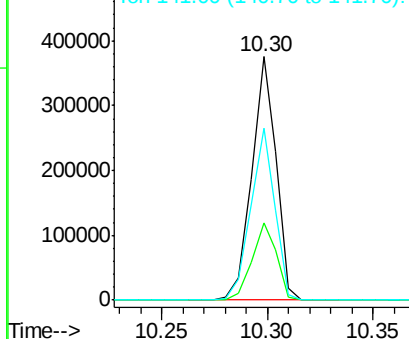


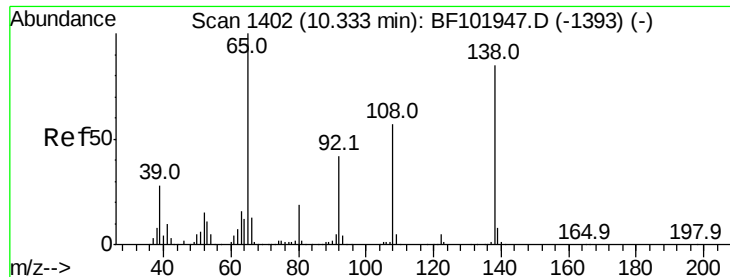
#60
4-Chlorophenyl-phenylether
Concen: 40.169 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	299915		
206	31.9	26.5	39.7	
141	70.5	54.6	81.8	



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





#61

4-Nitroaniline

Concen: 34.145 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

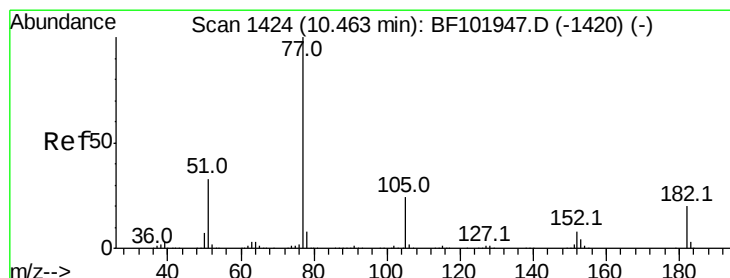
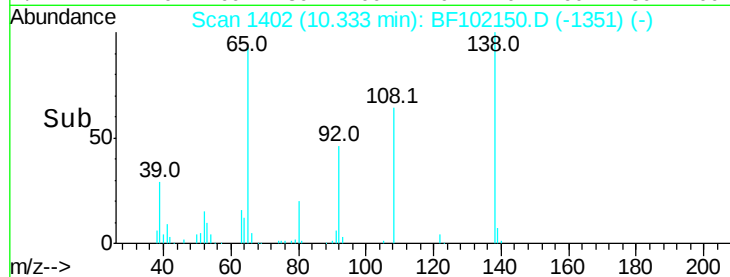
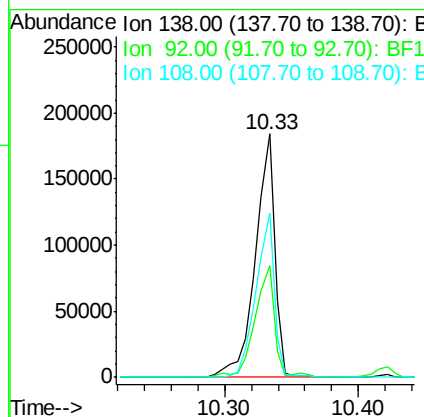
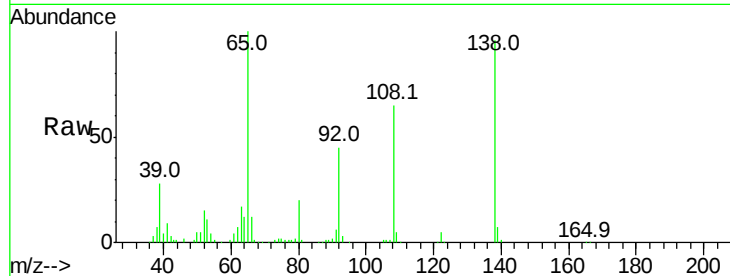
ClientSampled :

IGW-1MS

Tot Ion:	138	Resp:	183445
Ion Ratio	Lower	Upper	
138	100		
92	46.2	30.2	70.2
108	67.4	52.5	92.5

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#62

Azobenzene

Concen: 32.666 ng

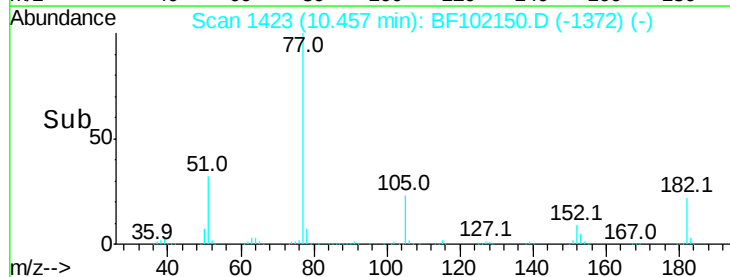
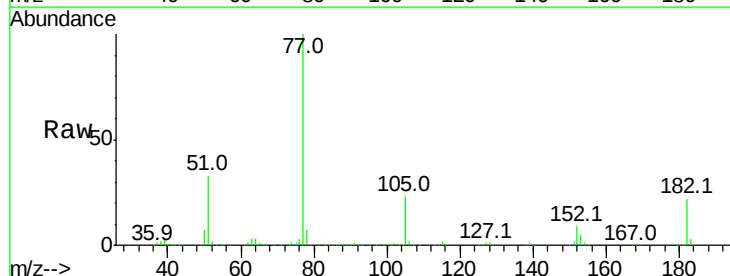
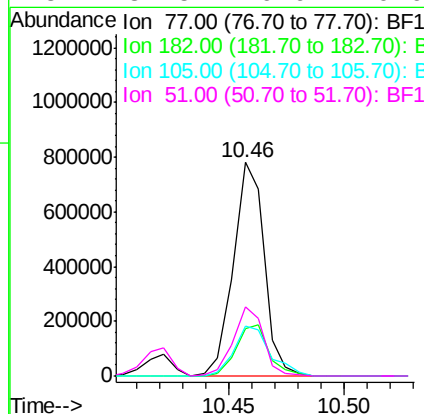
RT: 10.46 min Scan# 1423

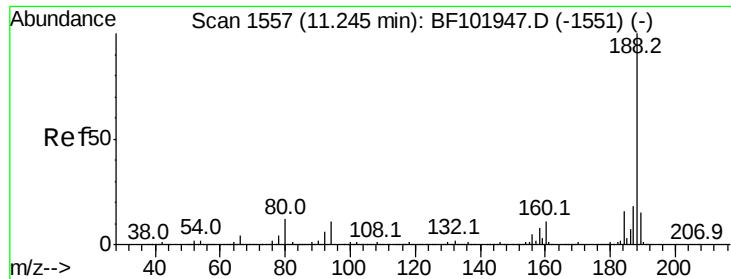
Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Tgt Ion:	77	Resp:	725974
Ion Ratio	Lower	Upper	
77	100		
182	22.5	1.7	41.7
105	23.4	3.0	43.0
51	32.5	9.9	49.9





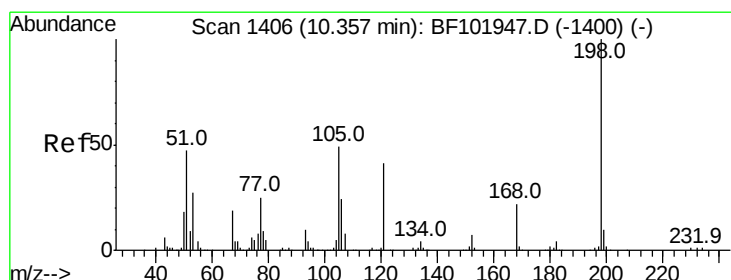
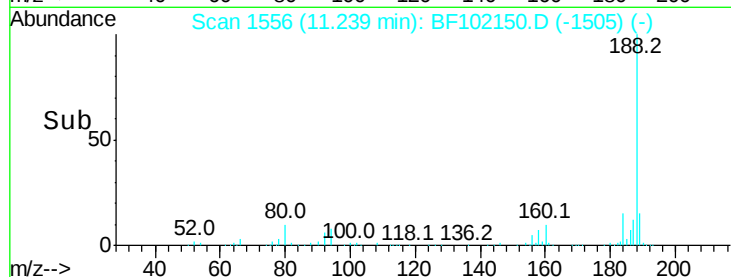
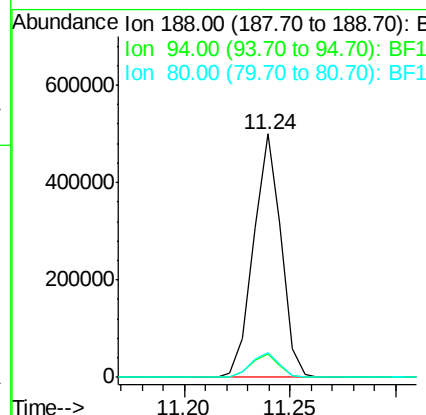
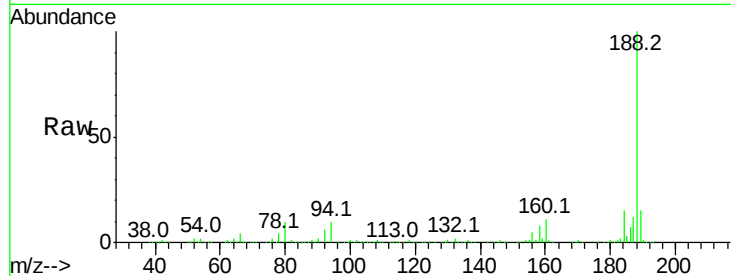
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	452753		
94	9.8		8.5	12.7
80	10.3		9.2	13.8

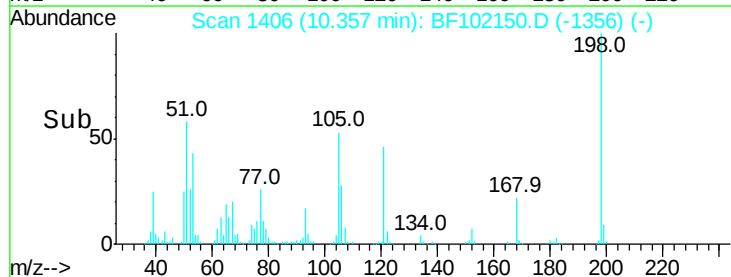
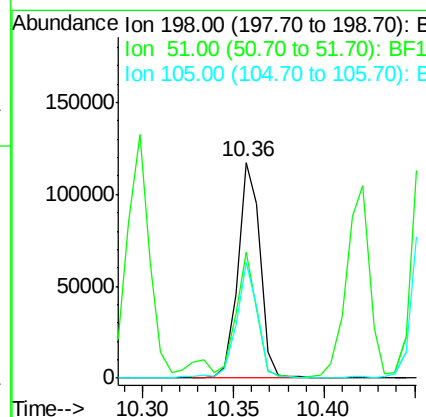
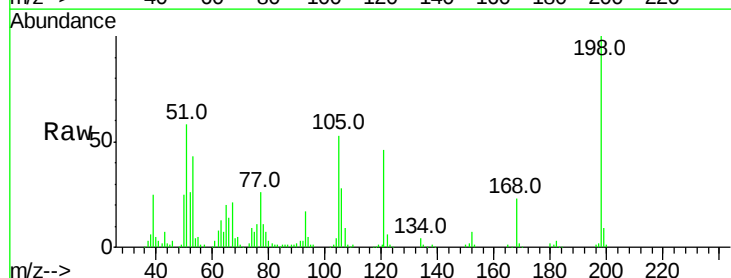
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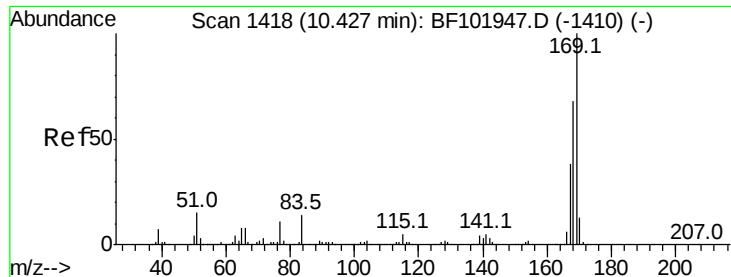
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.482 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	99858		
51	58.2		37.7	77.7
105	53.3		36.3	76.3





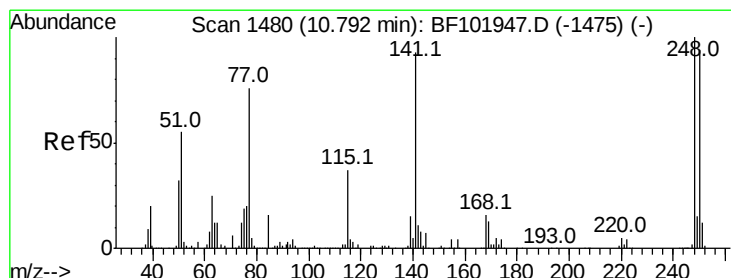
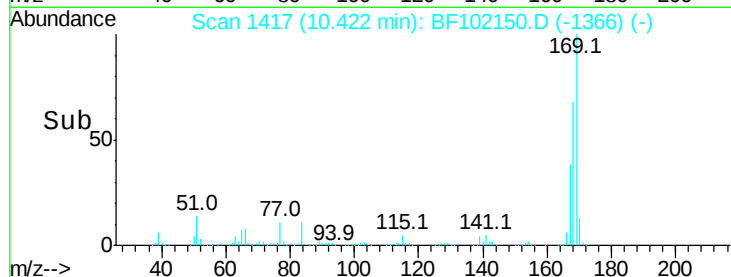
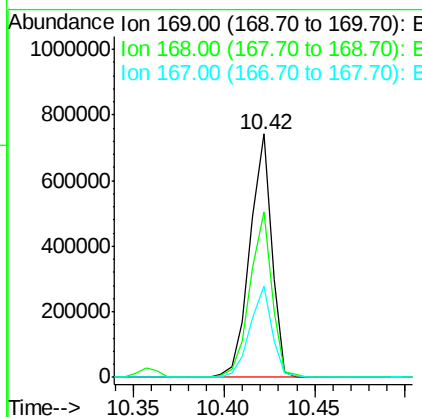
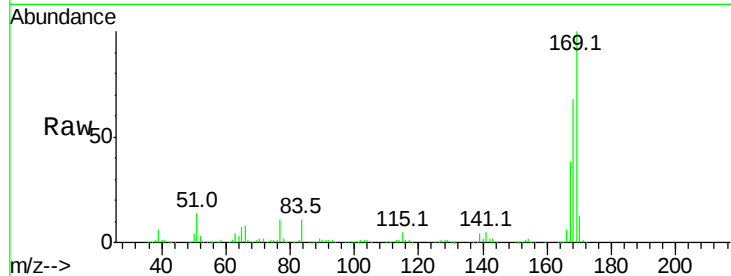
#65
 n-Nitrosodiphenylamine
 Concen: 36.702 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IGW-1MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	37.6	29.8	44.6

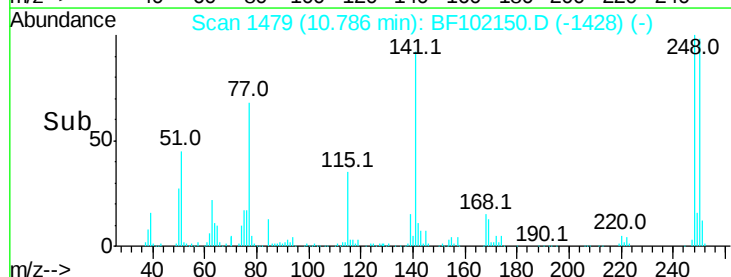
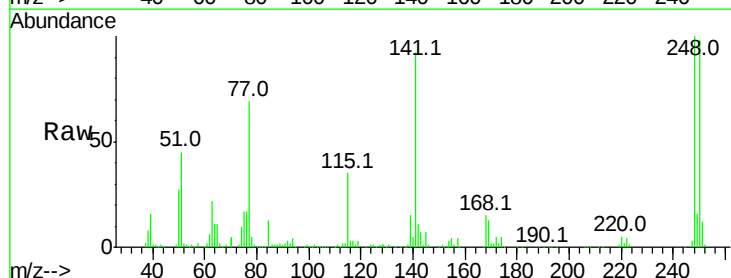
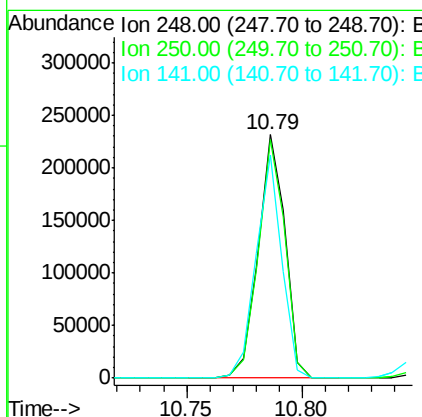
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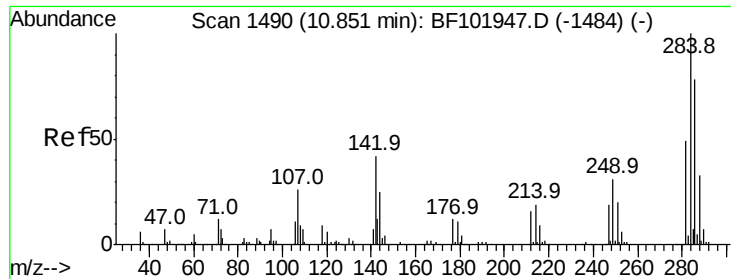
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#66
 4-Bromophenyl-phenylether
 Concen: 39.404 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.9	115.3
141	91.5	74.4	111.6





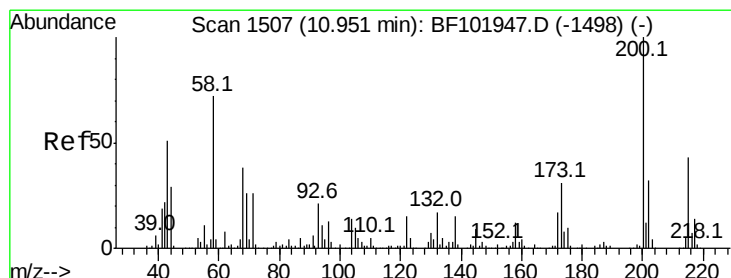
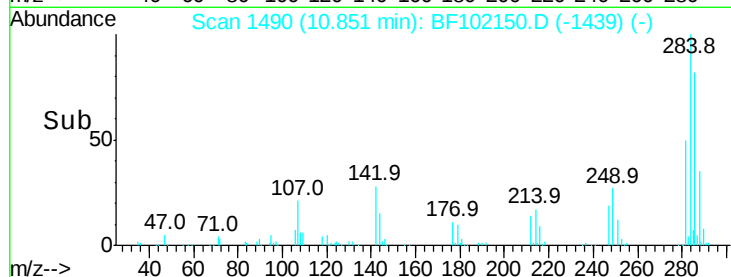
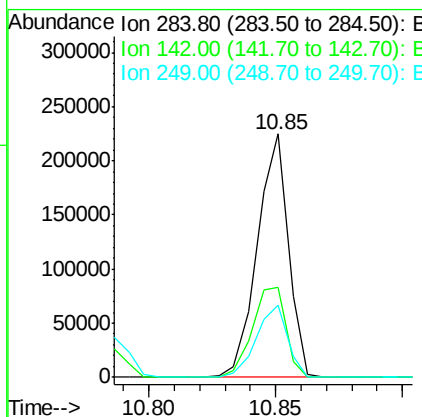
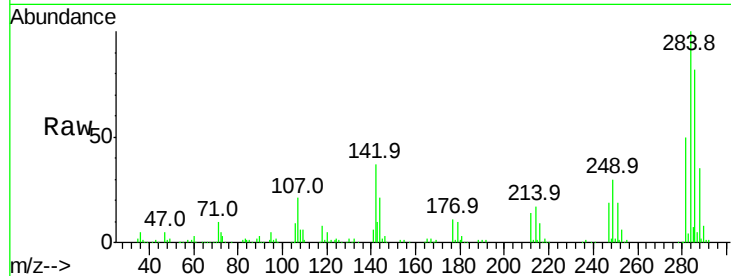
#67
Hexachlorobenzene
Concen: 36.966 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.1	34.6	52.0	
249	29.9	24.8	37.2	

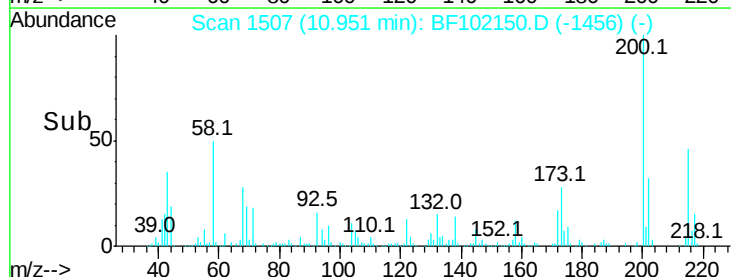
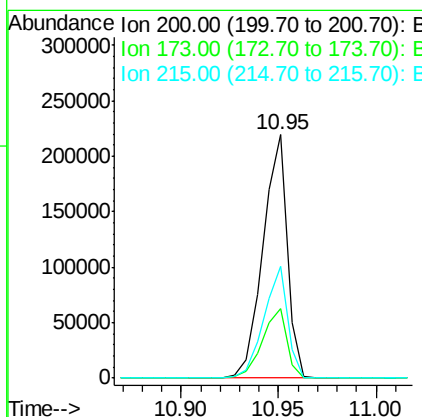
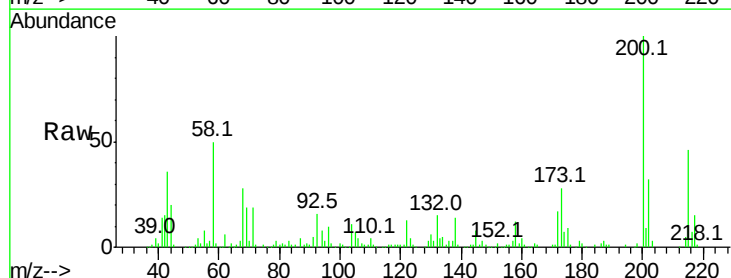
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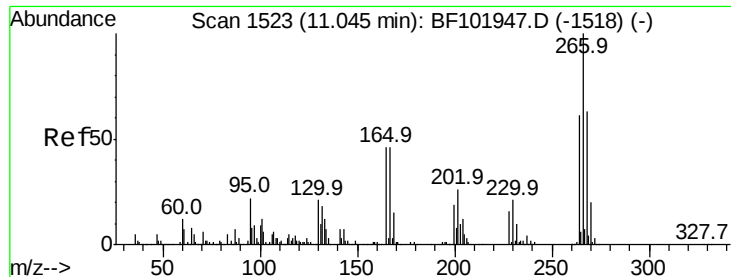
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#68
Atrazine
Concen: 38.621 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.4	8.6	48.6	
215	45.7	25.1	65.1	





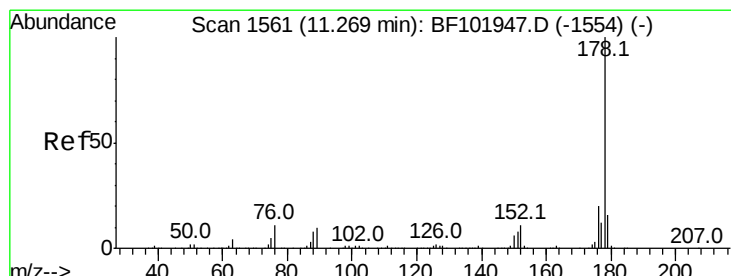
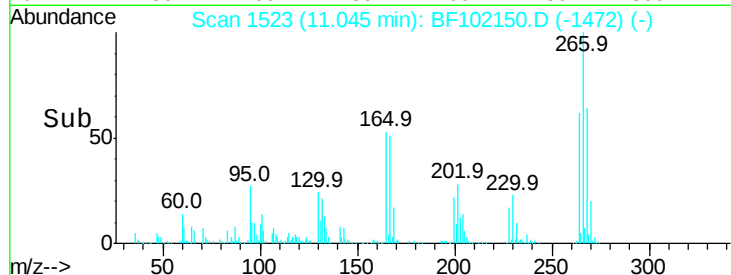
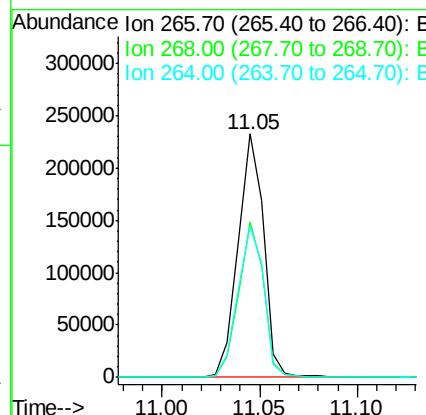
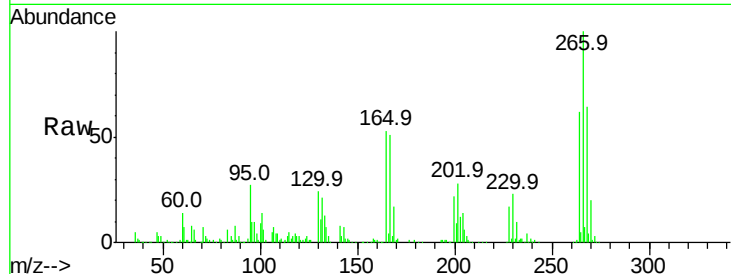
#69
 Pentachlorophenol
 Concen: 66.818 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	212675		
268	63.9		51.1	76.7
264	62.1		49.5	74.3

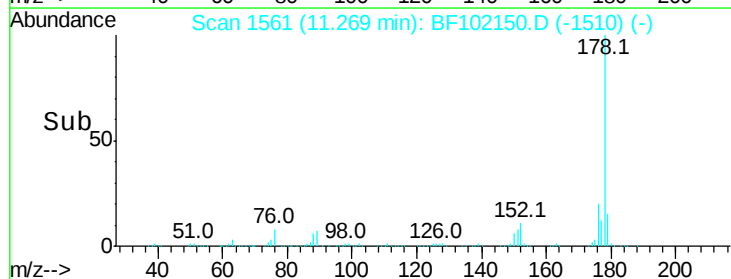
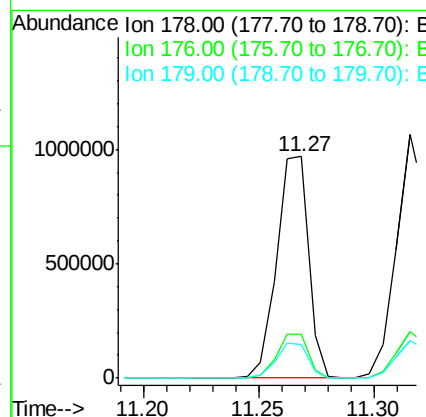
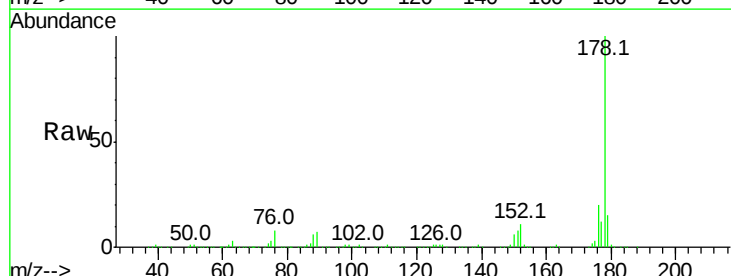
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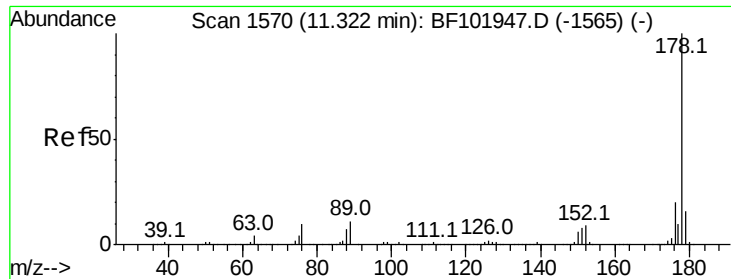
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#70
 Phenanthrene
 Concen: 35.042 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	926745		
176	19.7		15.8	23.8
179	15.1		13.0	19.6





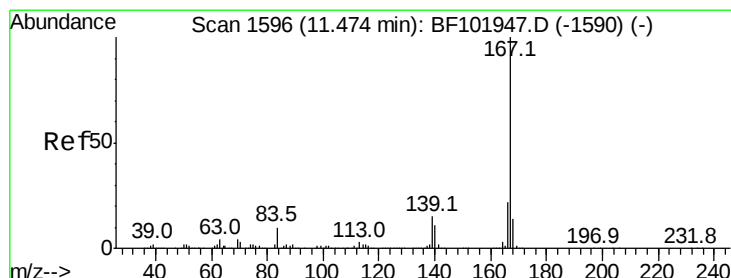
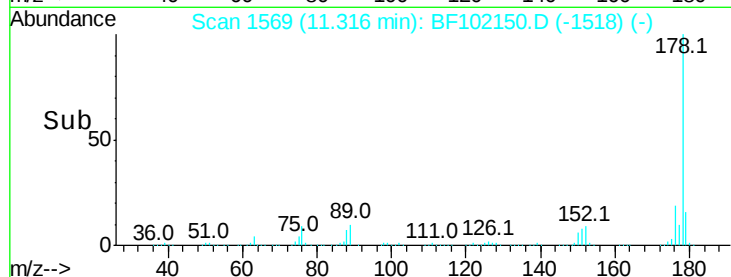
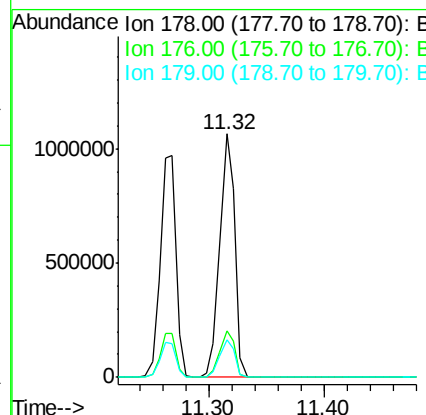
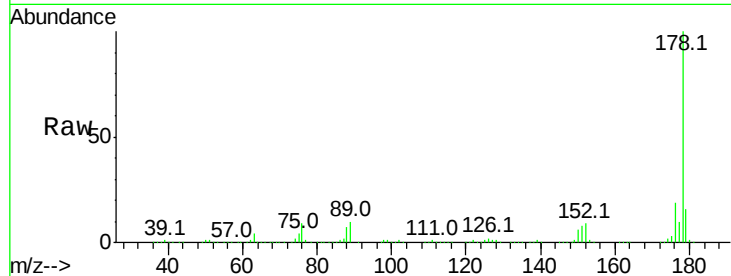
#71
 Anthracene
 Concen: 35.794 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IGW-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.6	12.6	19.0

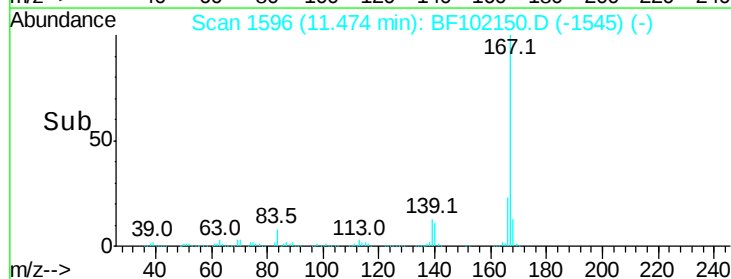
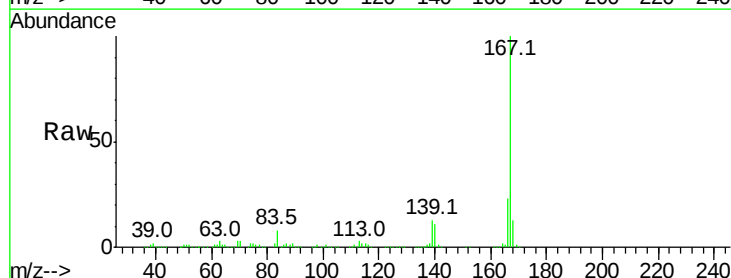
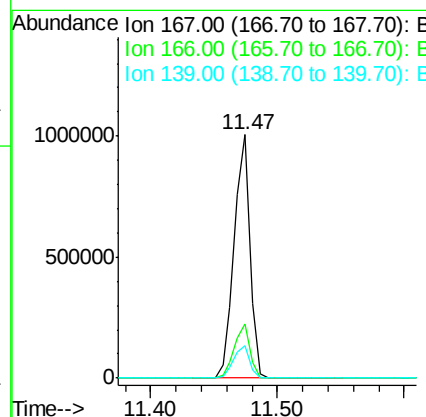
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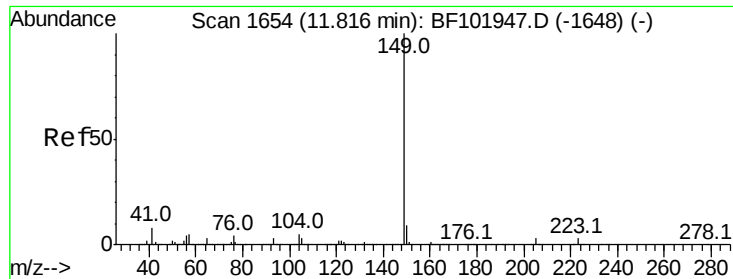
Sohil
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#72
 Carbazole
 Concen: 32.898 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 34.428 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

ClientSampleId :

IGW-1MS

Tot Ion:149 Resp: 1113543

Ion Ratio Lower Upper

149 100

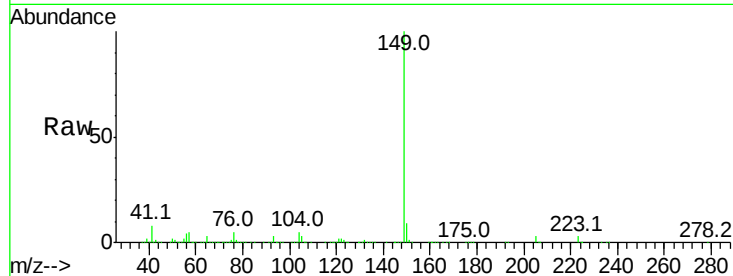
150 9.5 7.8 11.6

104 4.7 3.8 5.8

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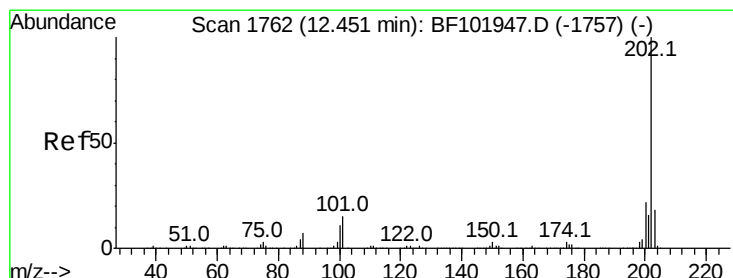
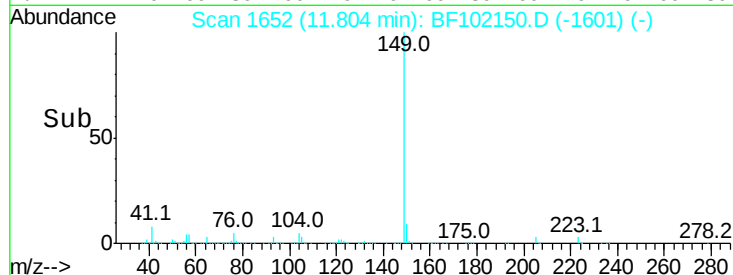
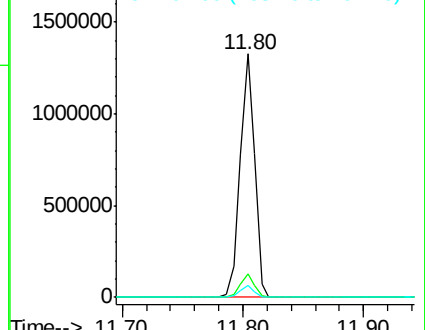
1/18/2018 11:12:17 AM



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: 31.868 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

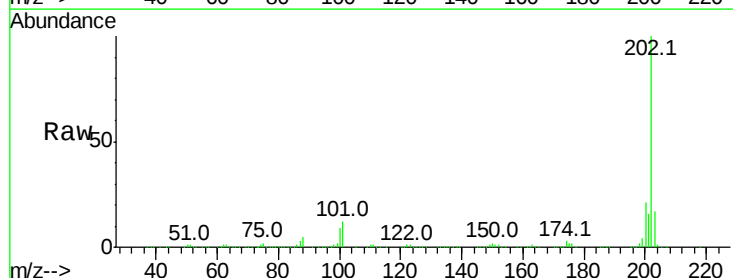
Tgt Ion:202 Resp: 829202

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

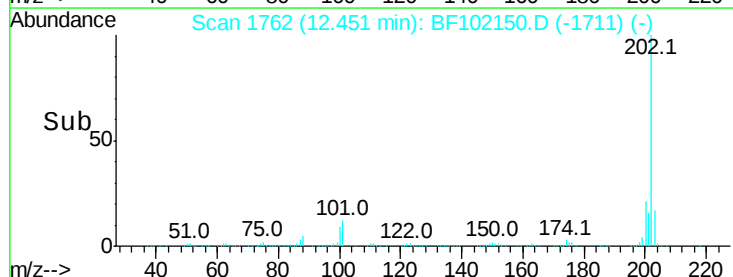
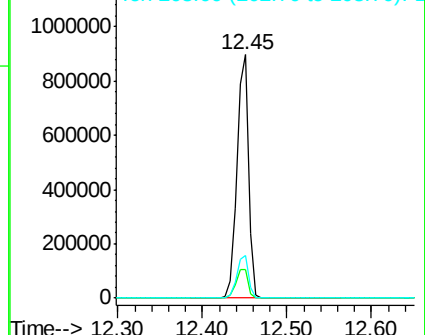
203 17.3 0.0 38.1

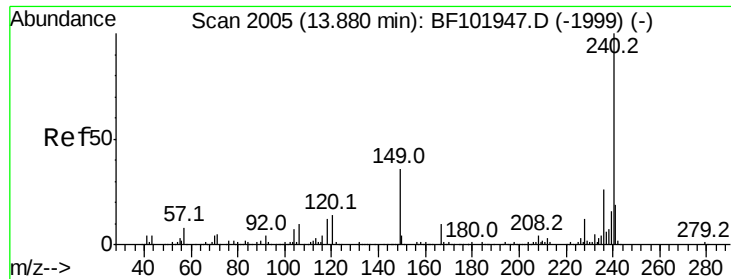


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

Instrument :

BNA_F

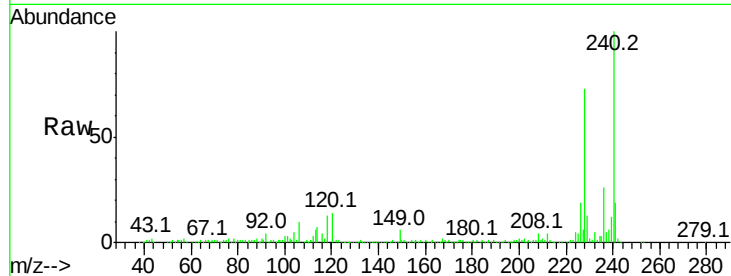
ClientSampleId :

IGW-1MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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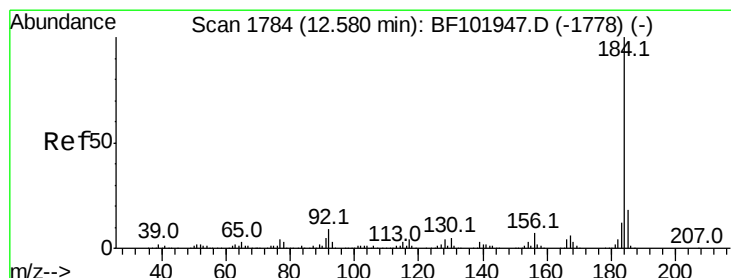
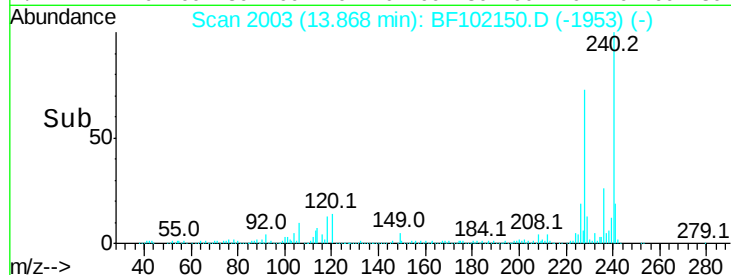
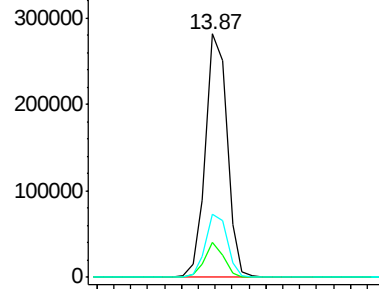
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.836 ng

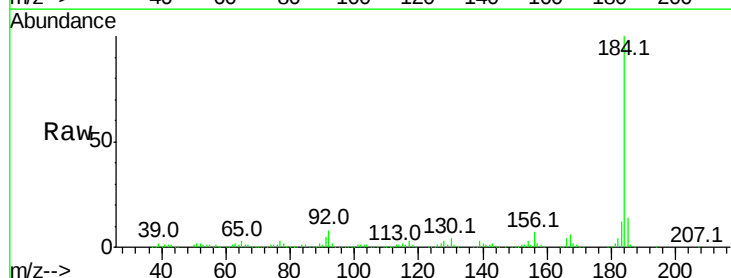
RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102150.D

Acq: 17 Jan 2018 15:24

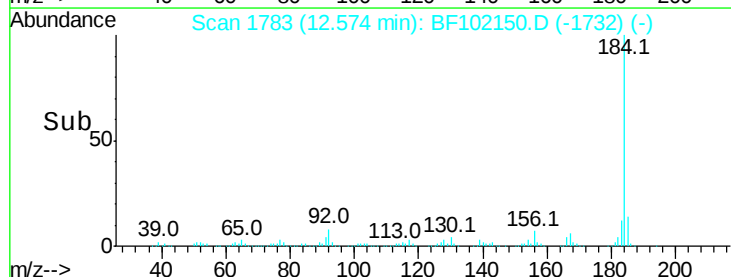
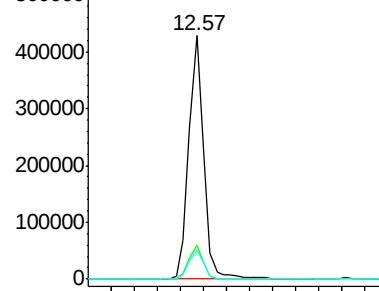
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	11.8	9.3	13.9

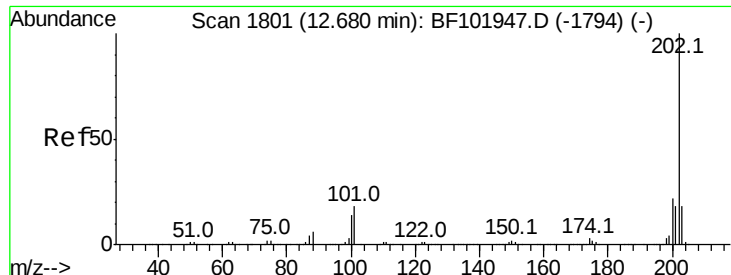


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





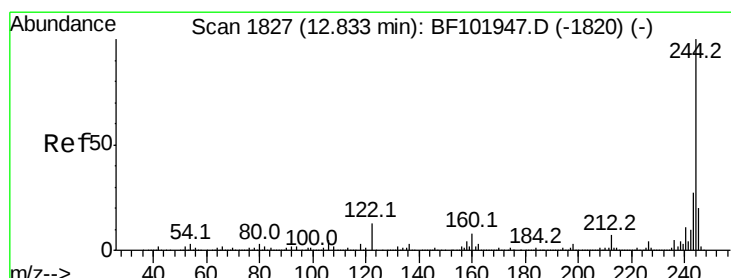
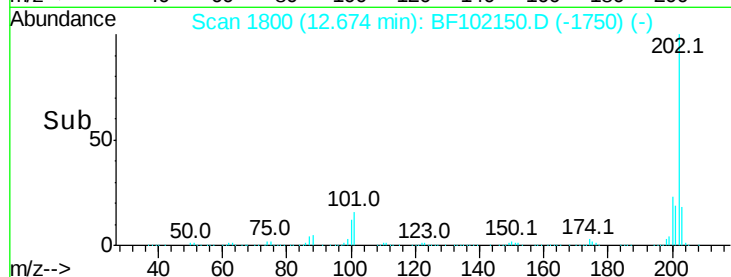
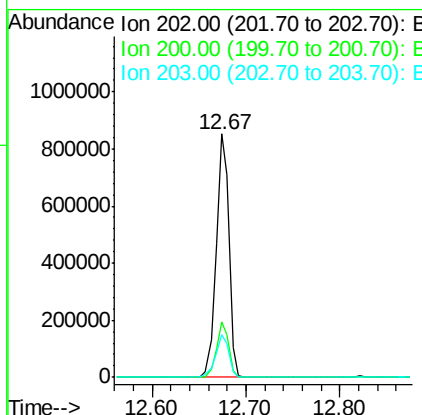
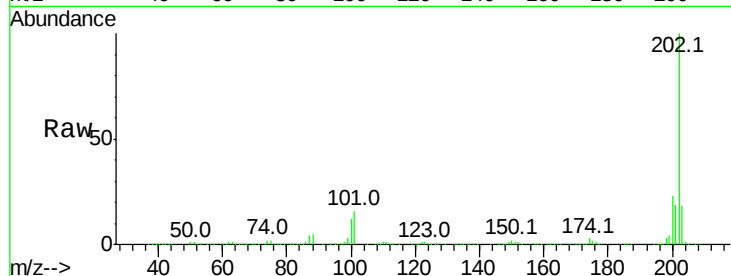
#77
Pvrene
Concen: 36.529 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	17.6	14.3	21.5

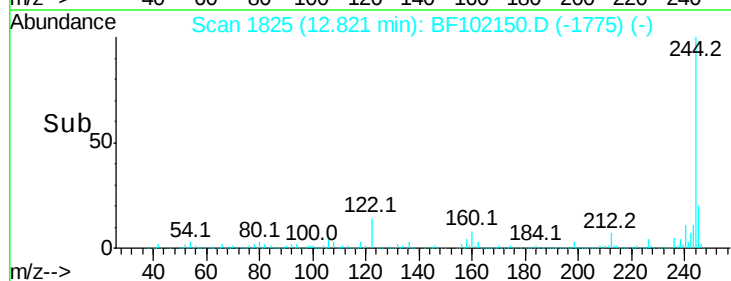
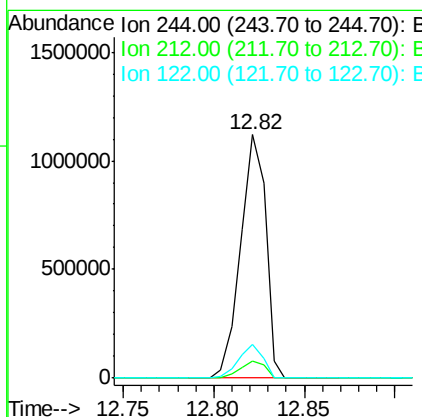
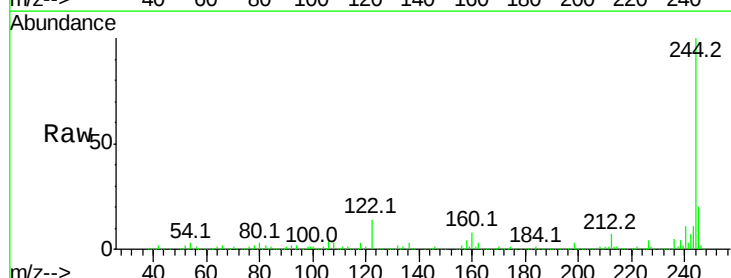
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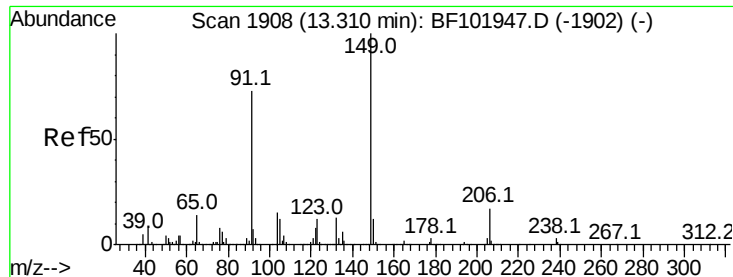
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#78
Terphenyl-d14
Concen: 89.438 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.9	11.0	16.4





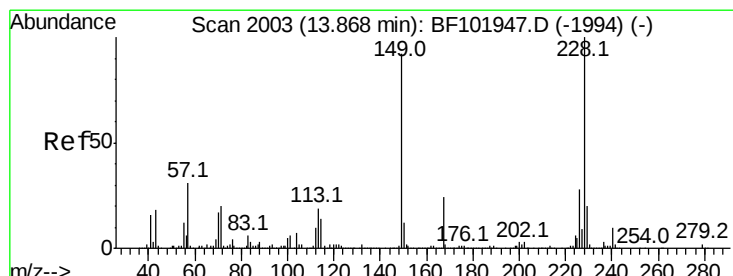
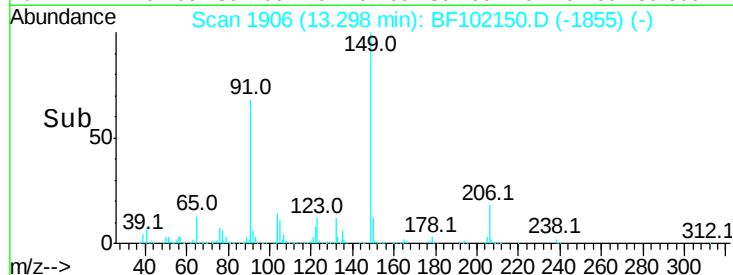
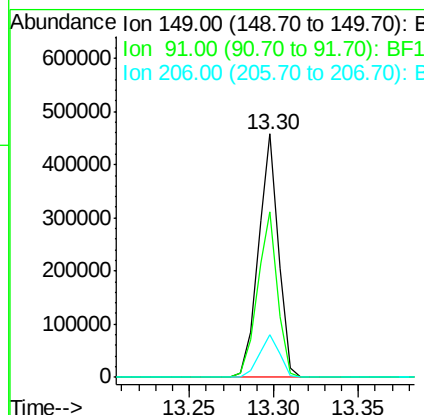
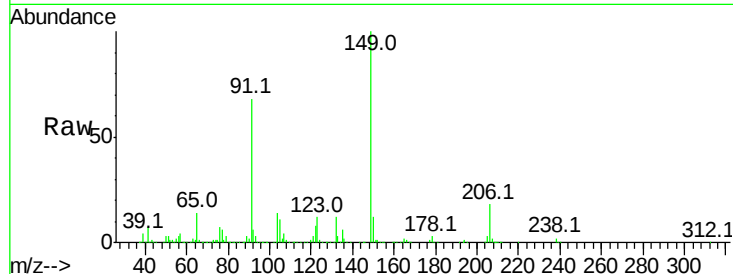
#79
Butylbenzylphthalate
Concen: 37.121 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	17.8	14.1	21.1

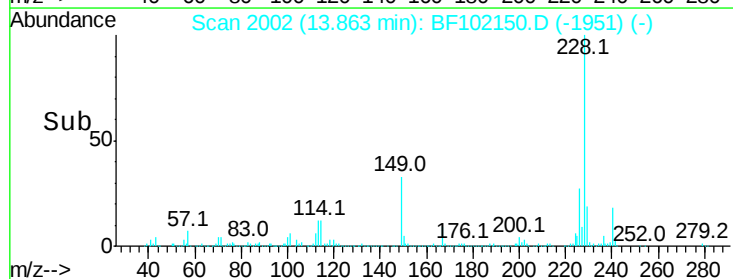
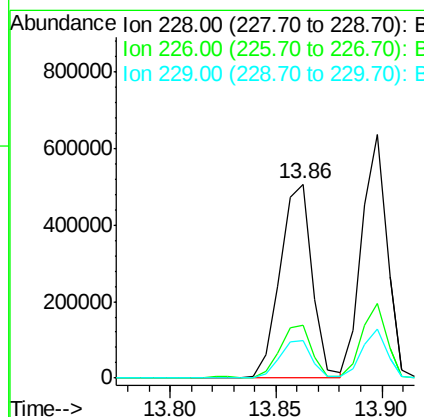
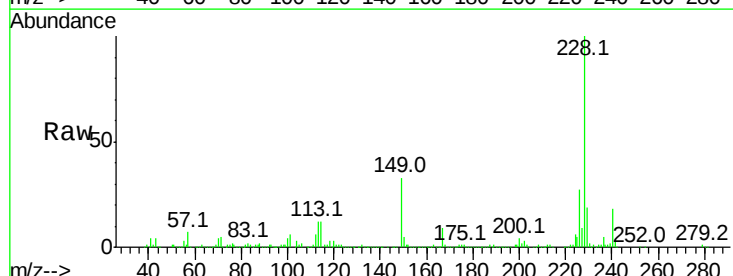
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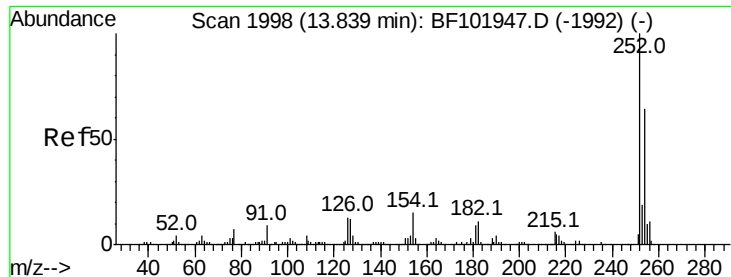
Sohil
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#80
Benzo(a)anthracene
Concen: 33.670 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.1	15.8	23.6





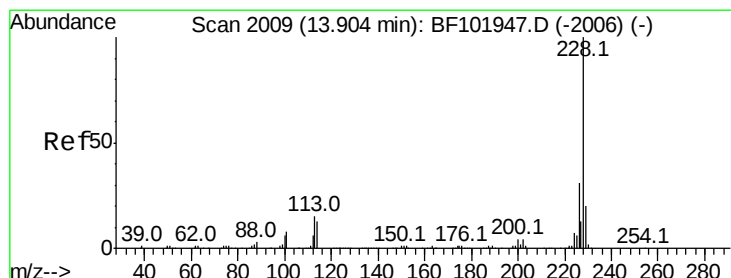
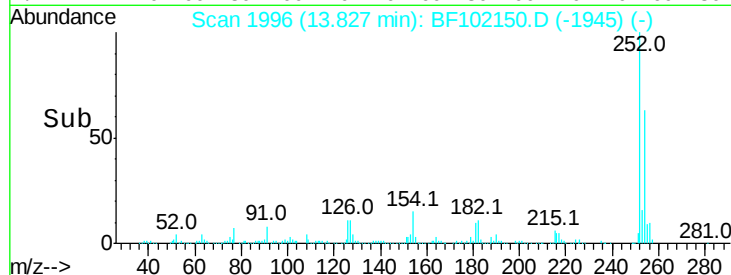
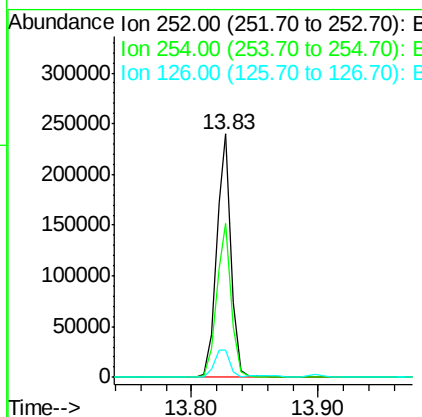
#81
 3,3'-Dichlorobenzidine
 Concen: 32.505 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IGW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	193106		
254	63.5	50.4	75.6	
126	11.4	11.3	16.9	

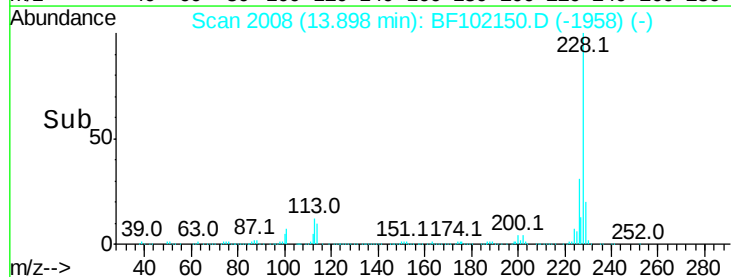
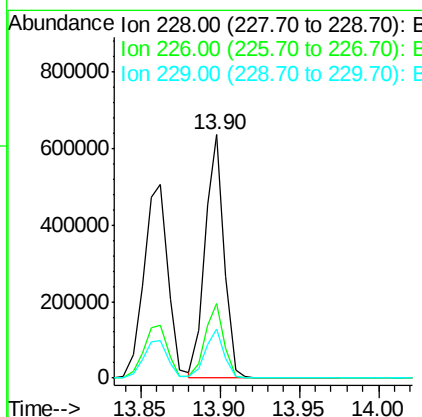
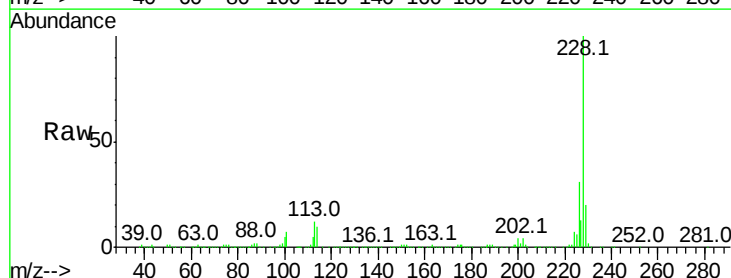
Manual Integrations
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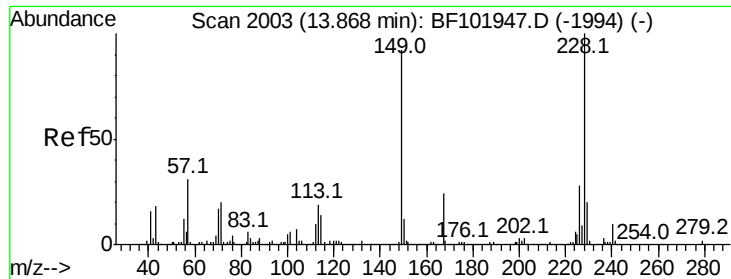
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#82
 Chrysene
 Concen: 31.877 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	533321		
226	30.5	25.0	37.6	
229	20.3	16.2	24.4	





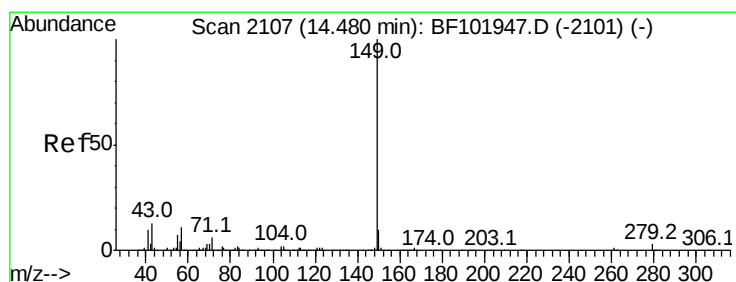
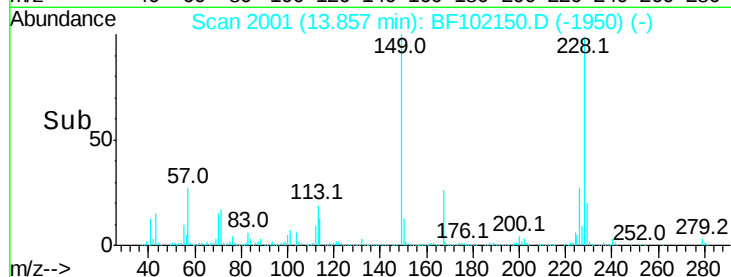
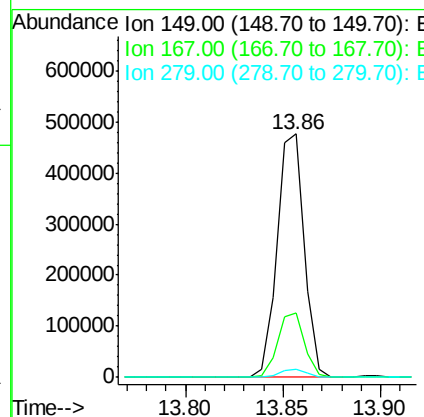
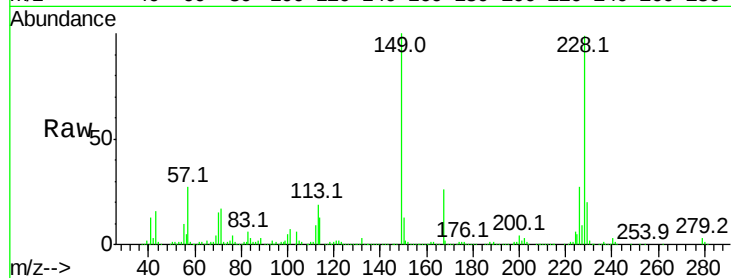
#83
Bis(2-ethylhexyl)phthalate
Concen: 39.082 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.4	3.0	4.4

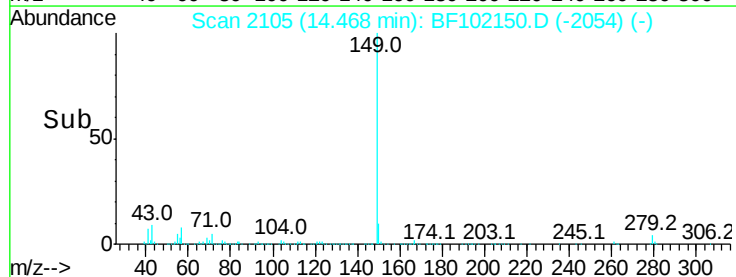
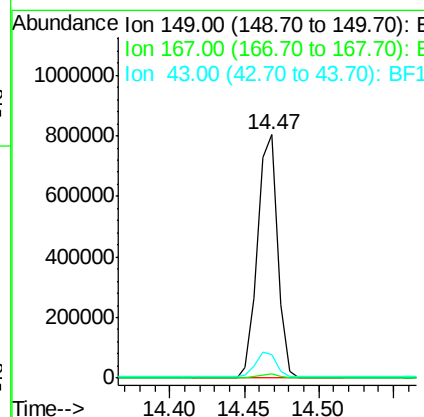
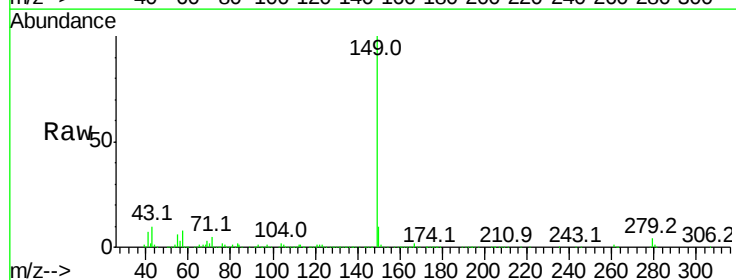
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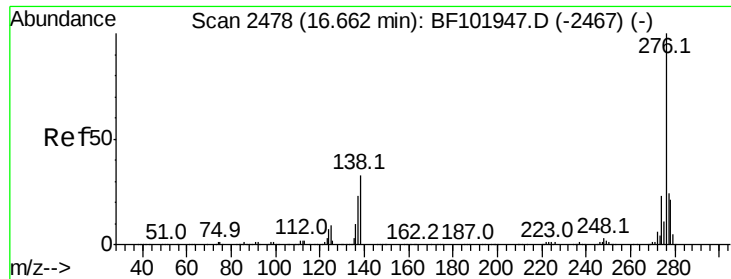
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#84
Di-n-octyl phthalate
Concen: 38.223 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.4	8.4	12.6





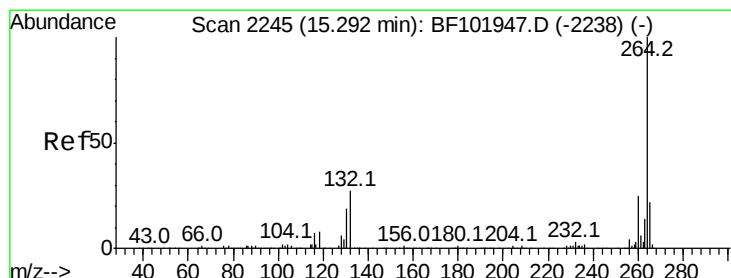
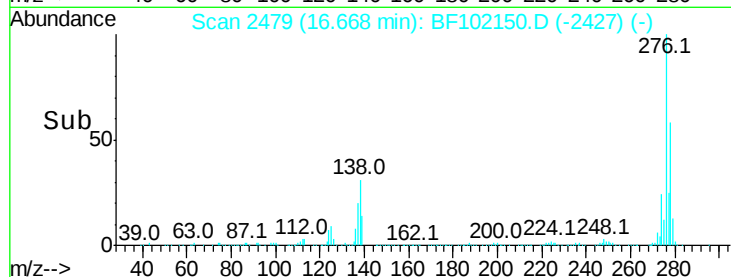
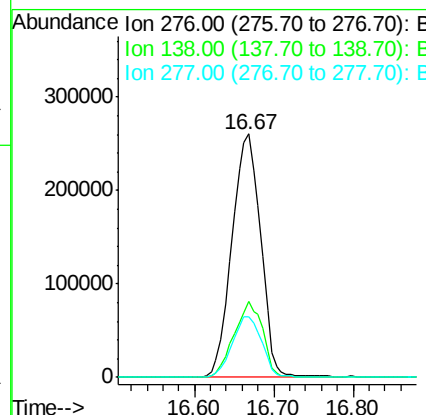
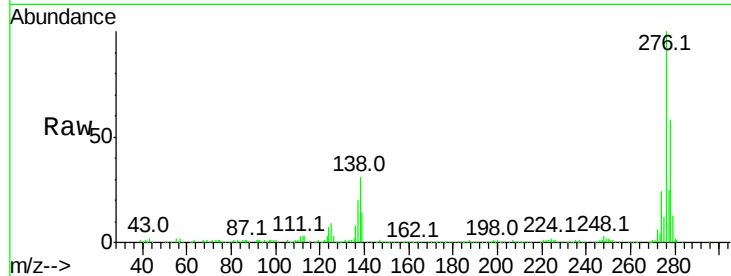
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.772 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.1	25.0	37.6
277	25.5	20.1	30.1

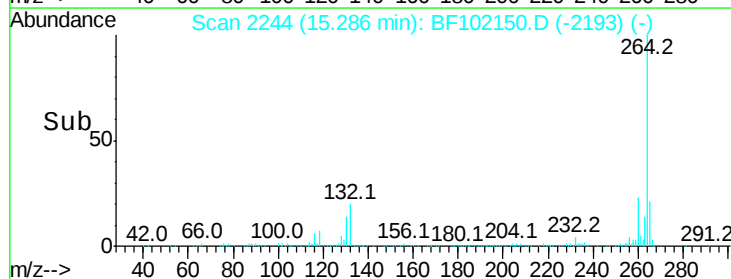
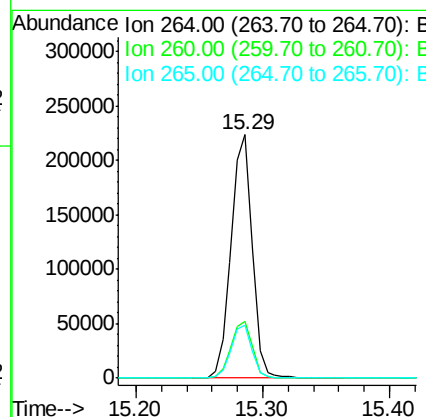
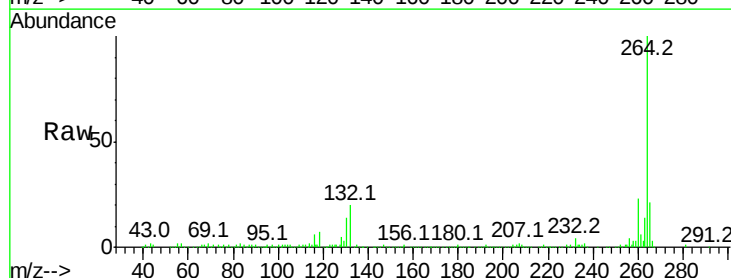
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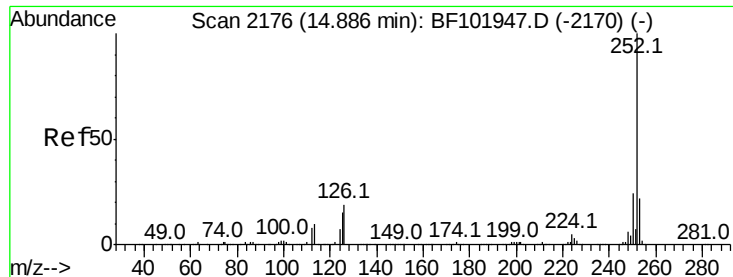
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	17.5	26.3





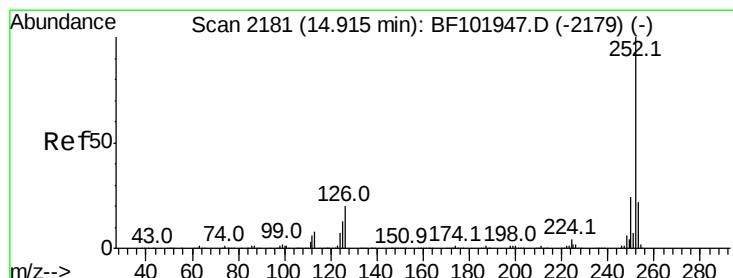
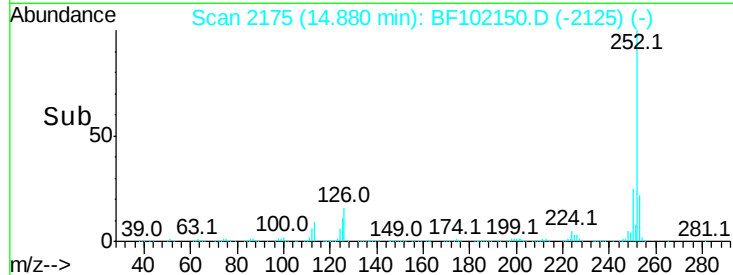
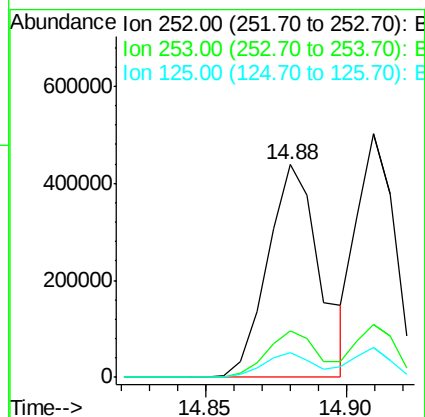
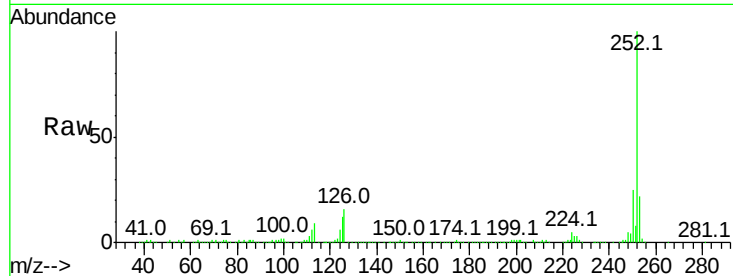
#87
Benzo(b)fluoranthene
Concen: 33.653 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.5	9.0	13.6

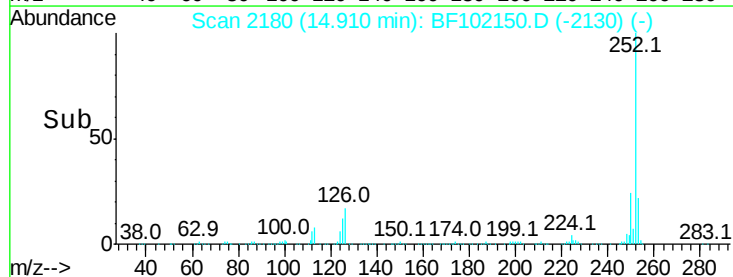
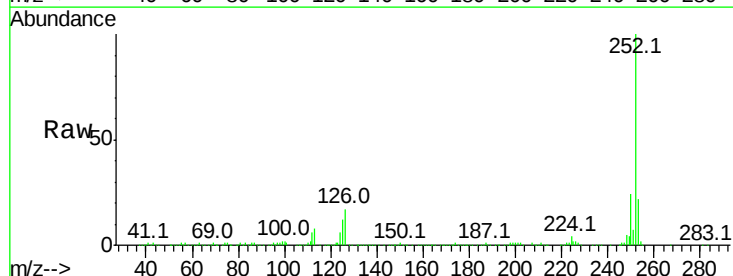
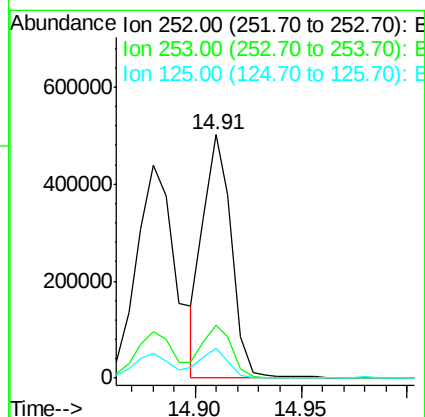
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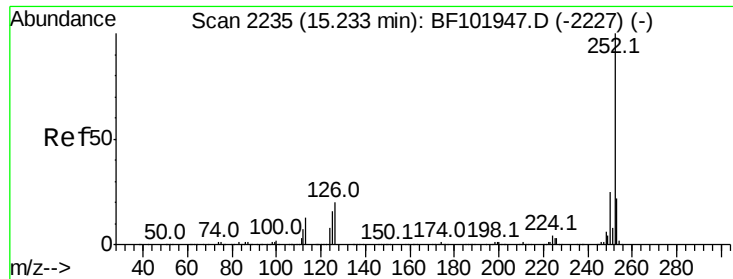
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#88
Benzo(k)fluoranthene
Concen: 28.762 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	12.3	10.2	15.2





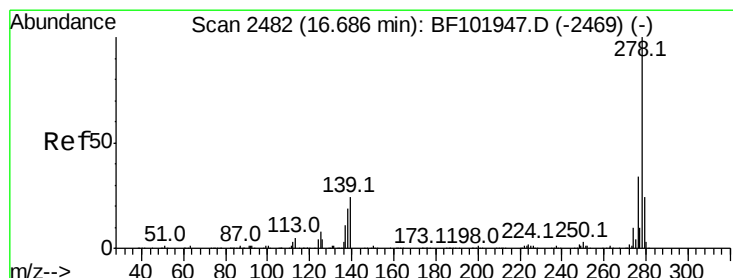
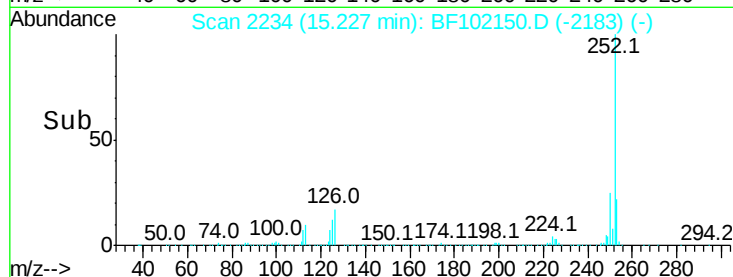
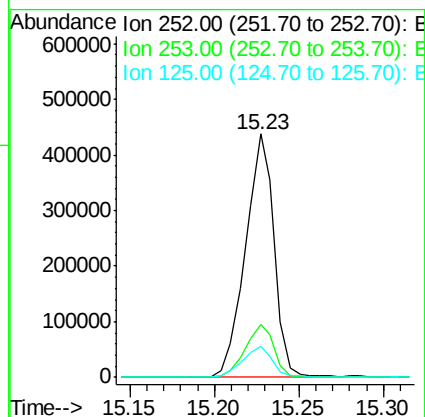
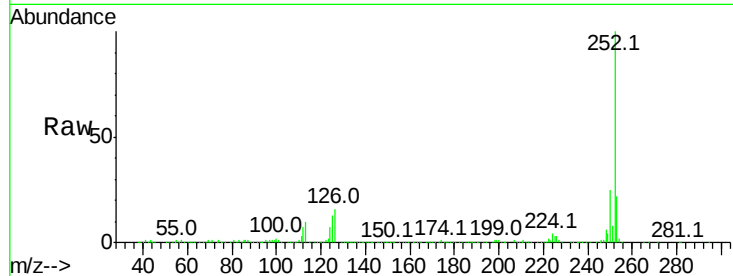
#89
Benzo(a)pyrene
Concen: 34.301 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.6	9.8	14.6

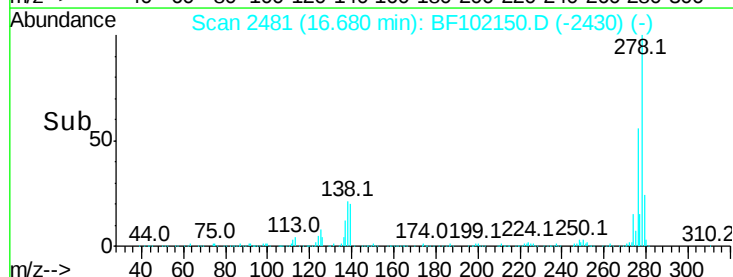
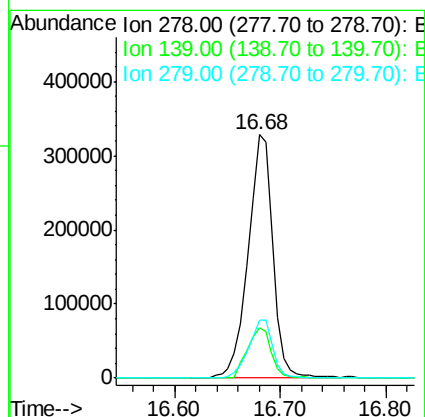
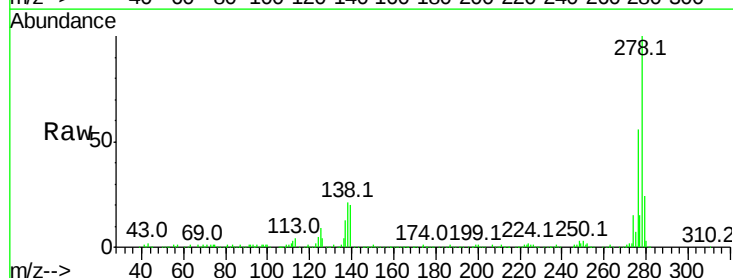
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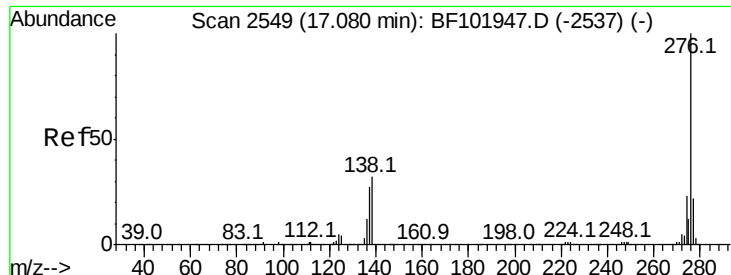
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 44.926 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BF102150.D
Acq: 17 Jan 2018 15:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.9	23.9
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.014 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. 0.01 min
 Lab File: BF102150.D
 Acq: 17 Jan 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 IGW-1MS

Tot Ion:	276	Resp:	569446
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	26.6	21.8	32.8

Manual Integrations
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