

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102019.D
 Acq On : 11 Jan 2018 15:38
 Operator : SJ/JU
 Sample : PB105579BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105579BS

Manual Integrations
 APPROVED

Sohil
 1/12/2018 10:37:14 AM

Quant Time: Jan 11 16:39:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	205046	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	846653	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	371656	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	624738	20.00	ng	0.00
75) Chrysene-d12	13.88	240	341961	20.00	ng	0.00
86) Perylene-d12	15.29	264	321440	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1618067	111.43	ng	0.02
7) Phenol-d6	6.37	99	1960836	113.18	ng	0.01
23) Nitrobenzene-d5	7.30	82	1251944	86.89	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	386431	119.14	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2011358	84.55	ng	0.00
78) Terphenyl-d14	12.83	244	1622724	98.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	240963	33.252	ng	95
3) Pyridine	3.18	79	688083	34.770	ng	95
4) n-Nitrosodimethylamine	3.13	42	348058	42.000	ng	96
6) Aniline	6.40	93	461580	18.905	ng	100
8) 2-Chlorophenol	6.52	128	591382	40.607	ng	99
9) Benzaldehyde	6.27	77	118956	9.889	ng	98
10) Phenol	6.39	94	722514	36.902	ng	95
11) bis(2-Chloroethyl)ether	6.47	93	580831	38.976	ng	98
12) 1,3-Dichlorobenzene	6.67	146	620304	36.949	ng	100
13) 1,4-Dichlorobenzene	6.75	146	626475	37.397	ng	99
14) 1,2-Dichlorobenzene	6.90	146	572666	36.933	ng	100
15) Benzyl Alcohol	6.87	79	482717	38.091	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1040125	37.862	ng	99
17) 2-Methylphenol	6.99	107	514738	39.180	ng	98
18) Hexachloroethane	7.24	117	230360	39.050	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	417055	36.733	ng	92
20) 3+4-Methylphenols	7.14	107	570747	36.182	ng	# 73
22) Acetophenone	7.15	105	812196	39.815	ng	# 89
24) Nitrobenzene	7.32	77	627818	40.552	ng	99
25) Isophorone	7.56	82	1178988	41.414	ng	100
26) 2-Nitrophenol	7.63	139	339208	52.348	ng	99
27) 2,4-Dimethylphenol	7.67	122	552440	45.650	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	733477	42.671	ng	99
29) 2,4-Dichlorophenol	7.87	162	500160	43.526	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	464102	38.613	ng	99
31) Naphthalene	8.03	128	1661931	39.284	ng	100
32) Benzoic acid	7.80	122	394508	42.990	ng	97
33) 4-Chloroaniline	8.08	127	111469	6.173	ng	99
34) Hexachlorobutadiene	8.15	225	244911	38.495	ng	99
35) Caprolactam	8.47	113	178476m	45.243	ng	
36) 4-Chloro-3-methylphenol	8.57	107	544439	43.284	ng	99
37) 2-Methylnaphthalene	8.72	142	1132289	40.655	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	417379	39.696	ng	98
40) Hexachlorocyclopentadiene	8.87	237	505805	87.963	ng	99

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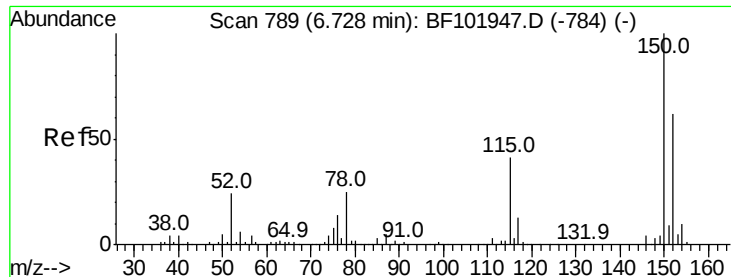
Manual Integrations
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Sohil
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	321163	44.325	nq	97
43) 2,4,5-Trichlorophenol	9.05	196	335532	40.972	nq	99
45) 1,1'-Biphenyl	9.19	154	1288613	39.227	nq	99
46) 2-Chloronaphthalene	9.22	162	975383	38.289	nq	98
47) 2-Nitroaniline	9.31	65	336279	44.069	nq	92
48) Acenaphthylene	9.63	152	1506931	37.275	nq	99
49) Dimethylphthalate	9.50	163	1143714	38.361	nq	100
50) 2,6-Dinitrotoluene	9.56	165	264416	44.399	nq	97
51) Acenaphthene	9.80	154	893852	36.428	nq	99
52) 3-Nitroaniline	9.72	138	160772	21.390	nq	98
53) 2,4-Dinitrophenol	9.83	184	223969	96.415	nq	# 21
54) Dibenzofuran	9.97	168	1316516	39.093	nq	97
55) 4-Nitrophenol	9.89	139	448299	80.035	nq	97
56) 2,4-Dinitrotoluene	9.96	165	346200	46.380	nq	97
57) Fluorene	10.32	166	951586	40.876	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	252617	43.329	nq	99
59) Diethylphthalate	10.20	149	1137270	38.347	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	410784	41.439	nq	95
61) 4-Nitroaniline	10.34	138	221790	31.093	nq	89
62) Azobenzene	10.47	77	1130413	38.310	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	144550	43.239	nq	91
65) n-Nitrosodiphenylamine	10.43	169	904483	38.663	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	269594	40.863	nq	# 90
67) Hexachlorobenzene	10.86	284	279972	38.872	nq	92
68) Atrazine	10.96	200	282906	41.845	nq	99
69) Pentachlorophenol	11.05	266	311947	71.027	nq	98
70) Phenanthrene	11.27	178	1404971	38.500	nq	98
71) Anthracene	11.32	178	1463475	39.542	nq	100
72) Carbazole	11.48	167	1251159	34.393	nq	100
73) Di-n-butylphthalate	11.82	149	1702371	38.144	nq	99
74) Fluoranthene	12.46	202	1358065	37.825	nq	99
77) Pyrene	12.68	202	1358819	44.954	nq	99
79) Butylbenzylphthalate	13.31	149	635161	45.787	nq	99
80) Benzo(a)anthracene	13.87	228	873078	40.016	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	179951	22.275	nq	99
82) Chrysene	13.90	228	899955	39.558	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	710767	44.665	nq	100
84) Di-n-octyl phthalate	14.48	149	1189372	45.040	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	958918	57.911	nq	95
87) Benzo(b)fluoranthene	14.89	252	815184	38.894	nq	98
88) Benzo(k)fluoranthene	14.92	252	731277	36.169	nq	98
89) Benzo(a)pyrene	15.23	252	764684	40.545	nq	# 96
90) Dibenzo(a,h)anthracene	16.70	278	775634	51.534	nq	98
91) Benzo(g,h,i)perylene	17.09	276	843484	55.635	nq	94

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



#1

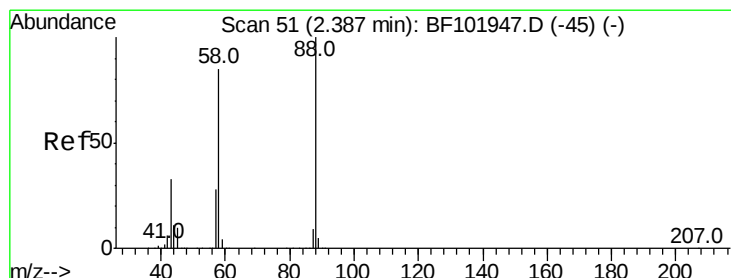
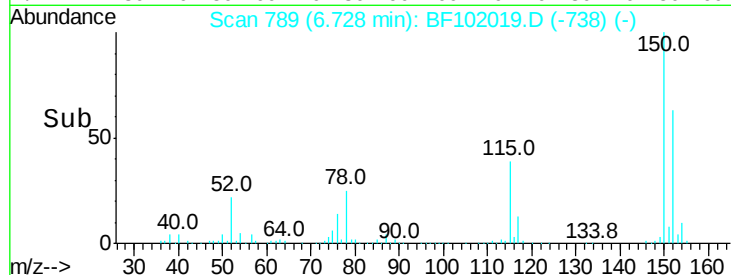
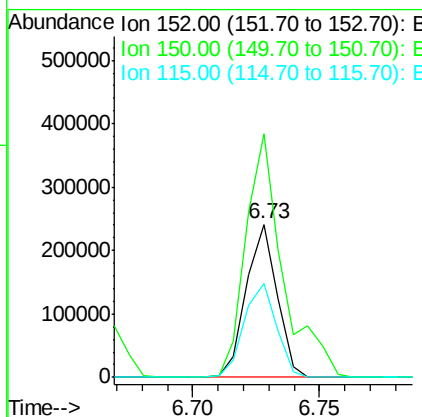
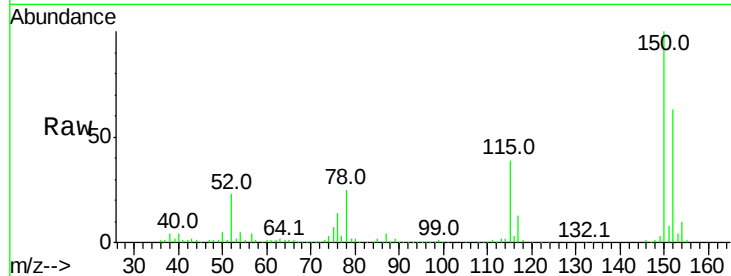
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampled :
PB105579BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	61.8	50.1	75.1

Manual Integrations
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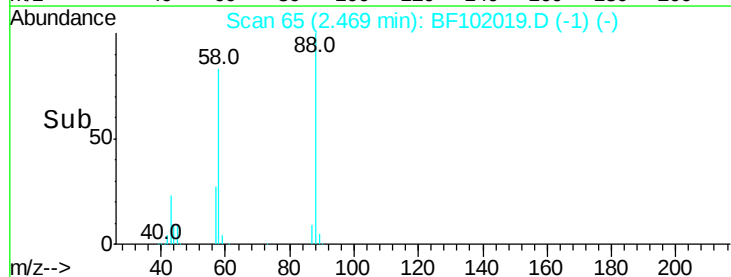
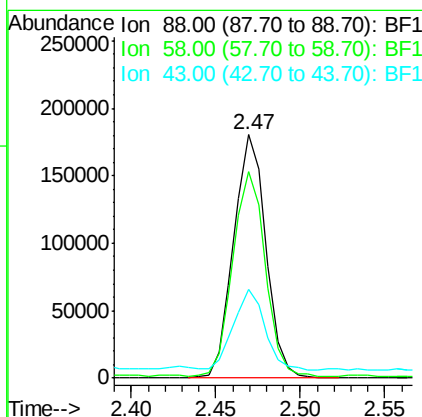
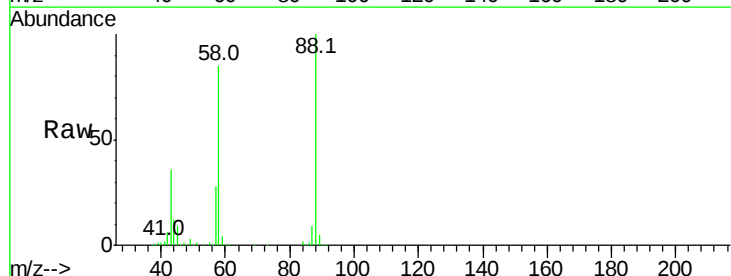
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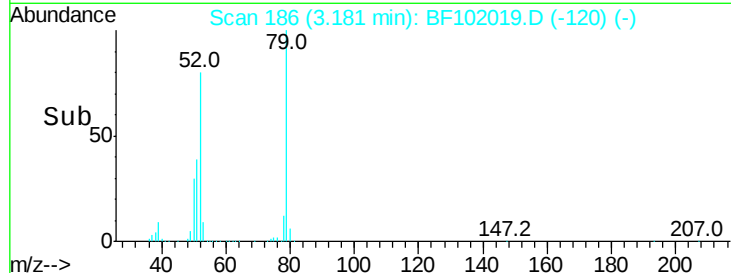
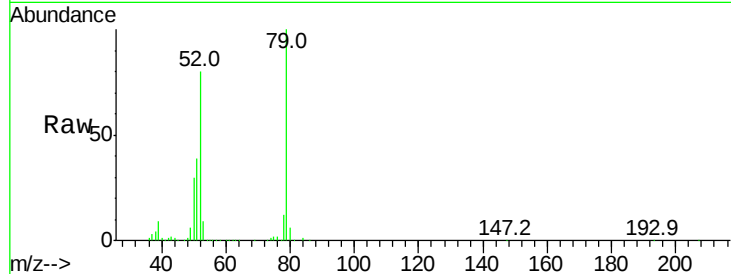
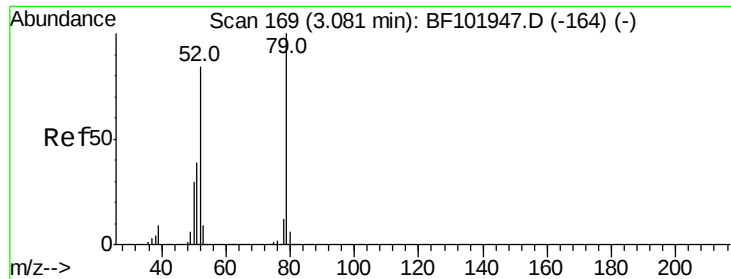


#2

1,4-Dioxane
Concen: 33.252 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.08 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	62.6	93.8
43	31.9	24.6	37.0





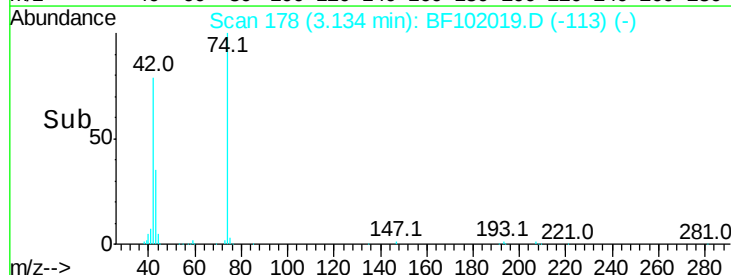
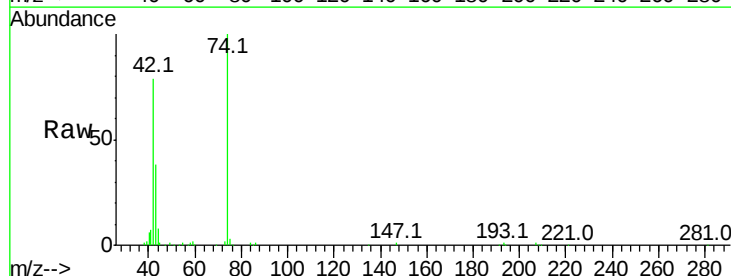
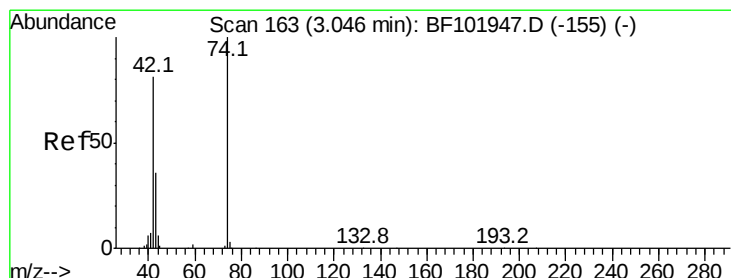
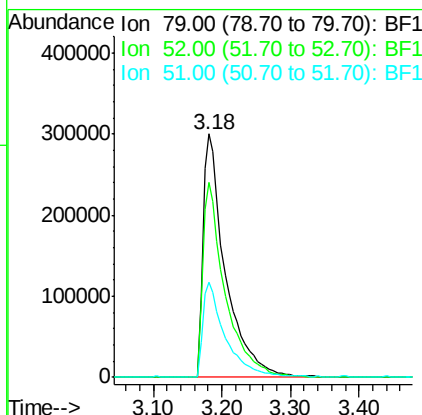
#3
Pvridine
Concen: 34.770 ng
RT: 3.18 min Scan# 186
Delta R.T. 0.09 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tot Ion: 79 Resp: 688083
Ion Ratio Lower Upper
79 100
52 80.1 59.8 89.6
51 39.2 29.8 44.8

Instrument :
BNA_F
ClientSampleId :
PB105579BS

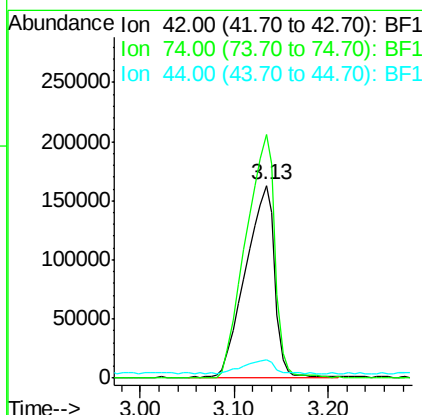
Manual Integrations
APPROVED

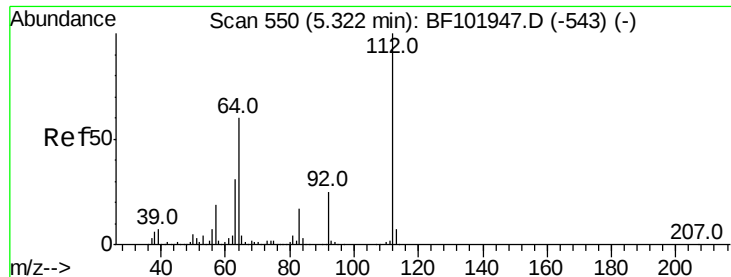
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#4
n-Nitrosodimethylamine
Concen: 42.000 ng
RT: 3.13 min Scan# 178
Delta R.T. 0.08 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion: 42 Resp: 348058
Ion Ratio Lower Upper
42 100
74 126.3 104.9 157.3
44 9.6 6.9 10.3





#5

2-Fluorophenol

Concen: 111.431 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

ClientSampleId :

PB105579BS

Tot Ion:112 Resp: 1618067

Ion Ratio Lower Upper

112 100

64 61.4 47.9 71.9

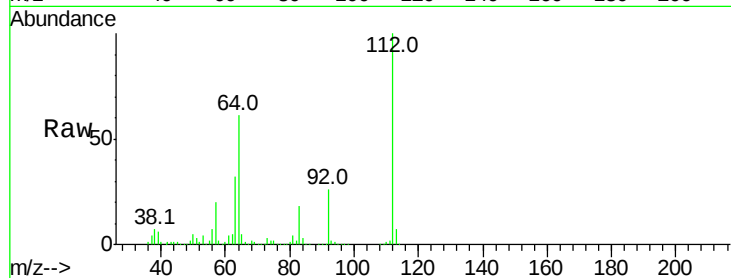
63 31.6 23.7 35.5

Manual Integrations

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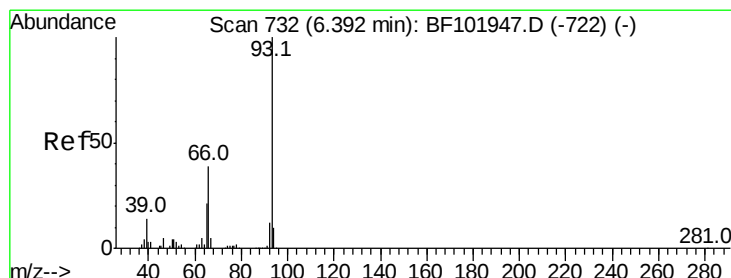
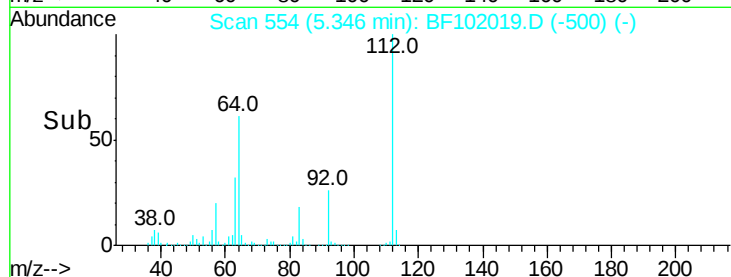
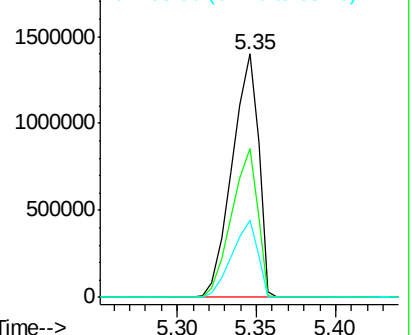
1/12/2018 10:37:14 AM



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: 18.905 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

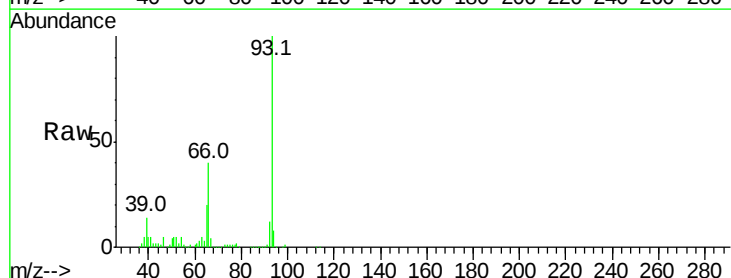
Tgt Ion: 93 Resp: 461580

Ion Ratio Lower Upper

93 100

66 40.0 32.2 48.2

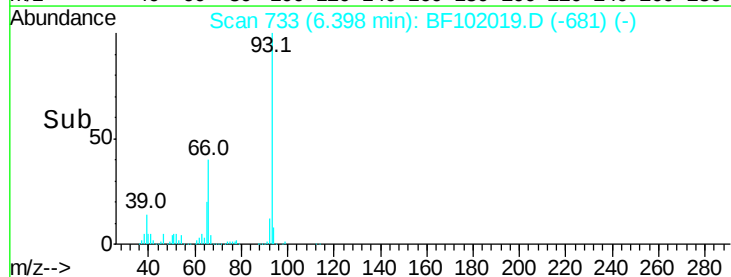
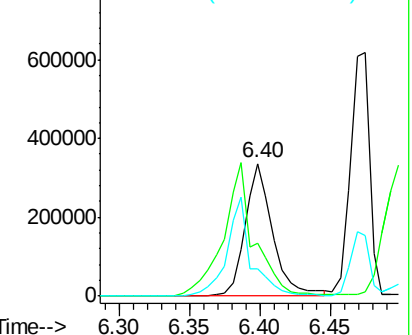
65 20.2 16.4 24.6

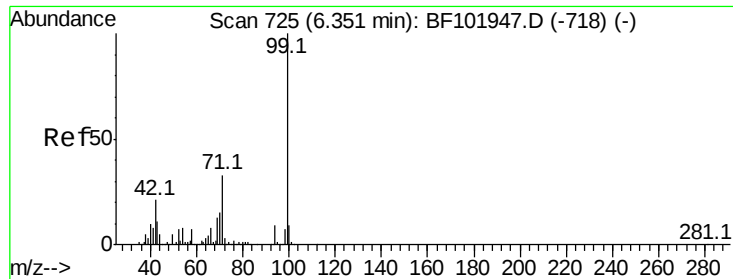


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.181 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

ClientSampleId :

PB105579BS

Tot Ion: 99 Resp: 1960836

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

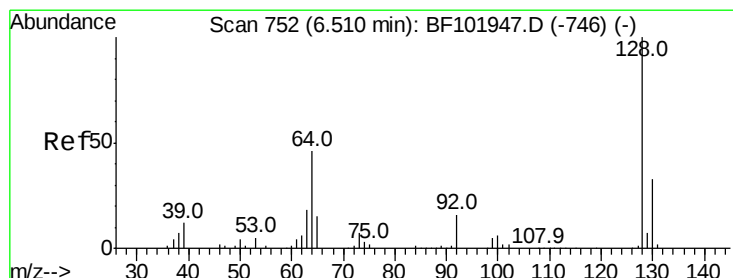
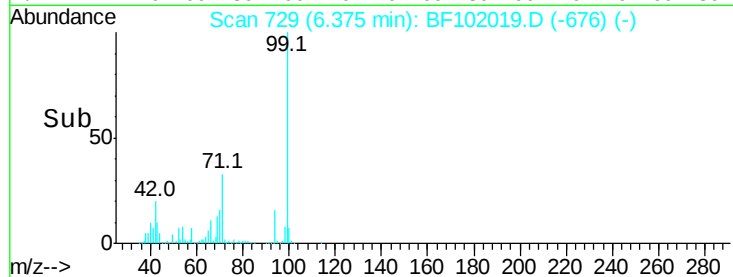
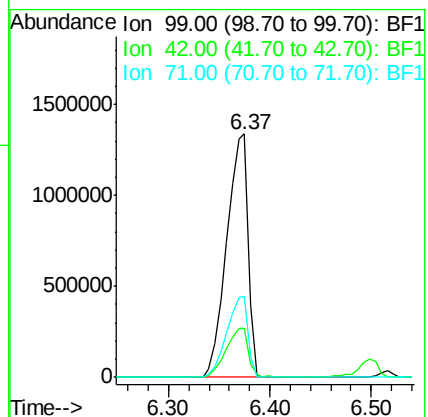
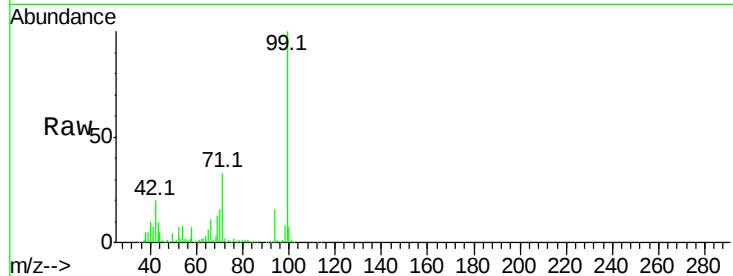
71 33.1 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.607 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

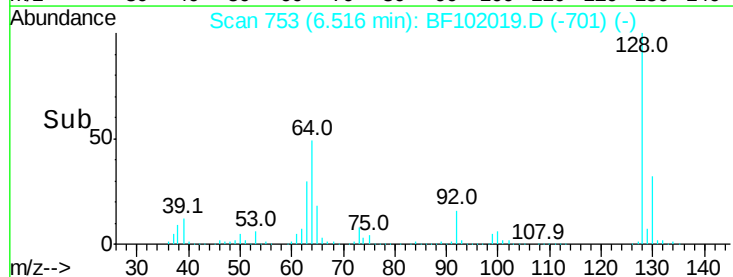
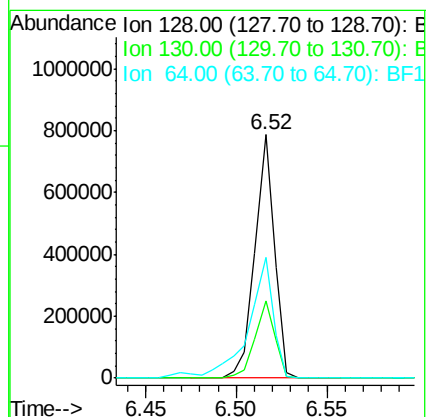
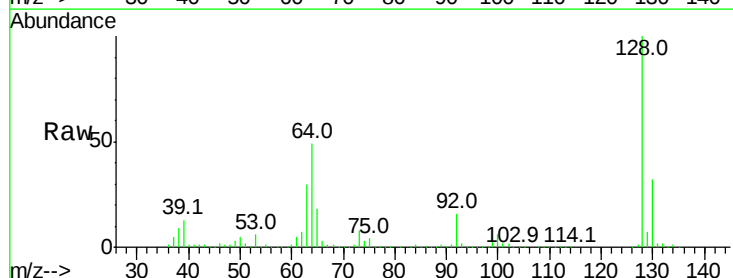
Tgt Ion: 128 Resp: 591382

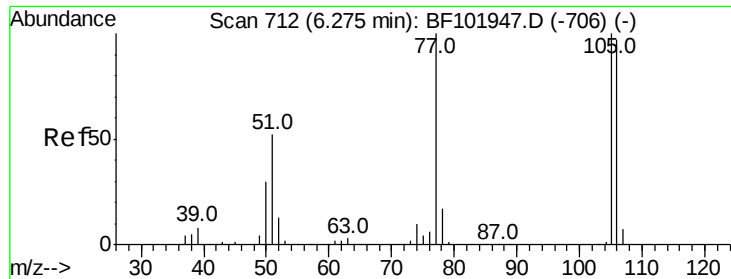
Ion Ratio Lower Upper

128 100

130 31.5 13.0 53.0

64 49.4 29.4 69.4





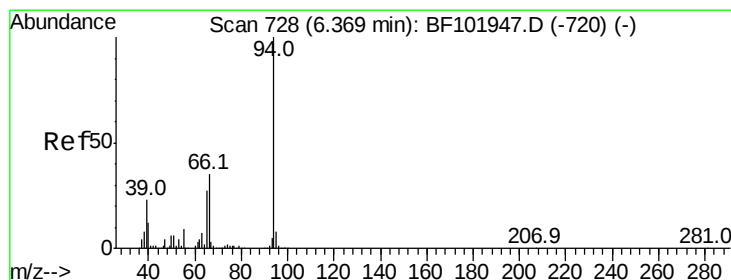
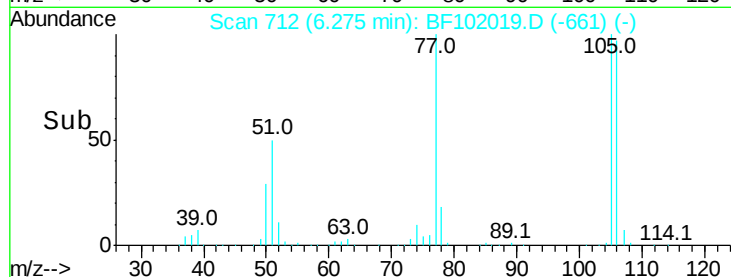
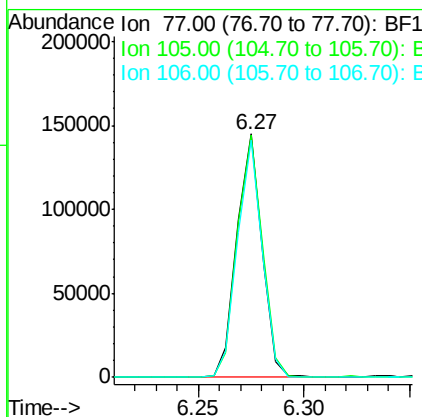
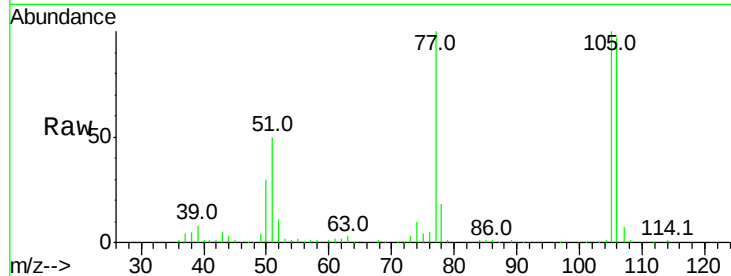
#9
Benzaldehyde
Concen: 9.889 ng
RT: 6.27 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.7	81.1	121.1
106	97.4	74.5	114.5

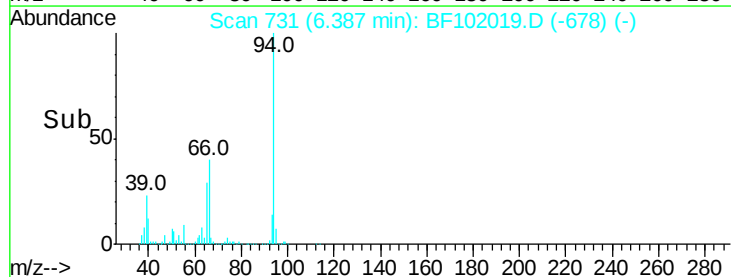
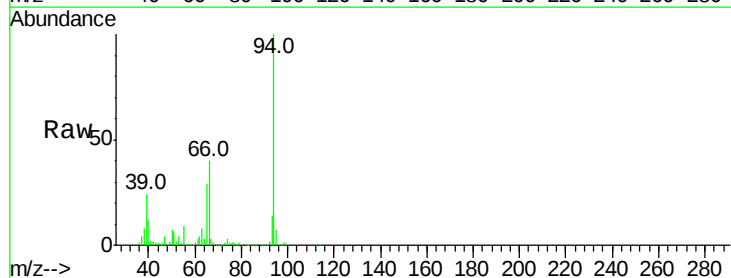
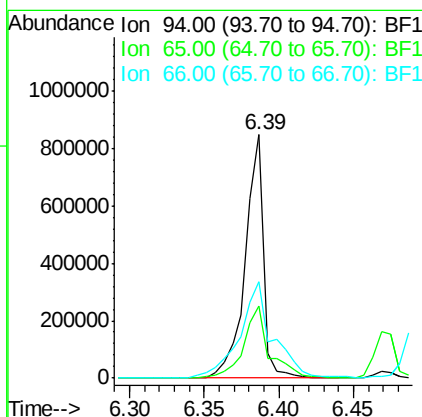
Manual Integrations
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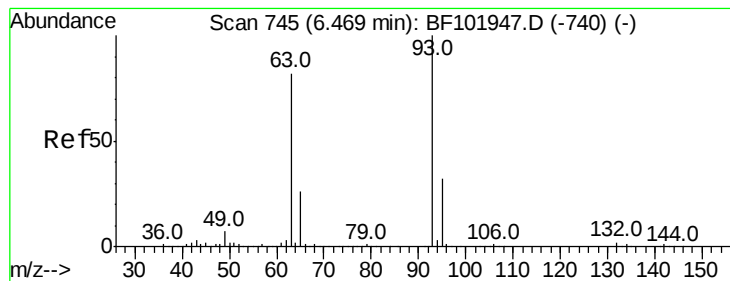
Sohil
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#10
Phenol
Concen: 36.902 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.9	47.9
66	39.9	16.2	56.2





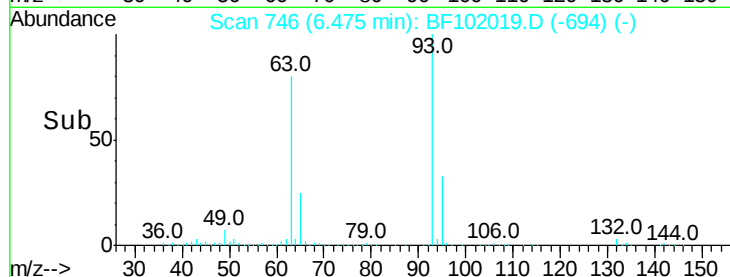
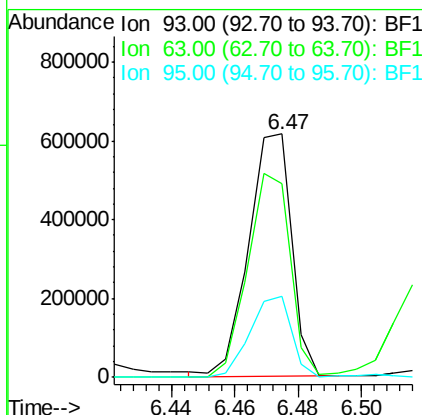
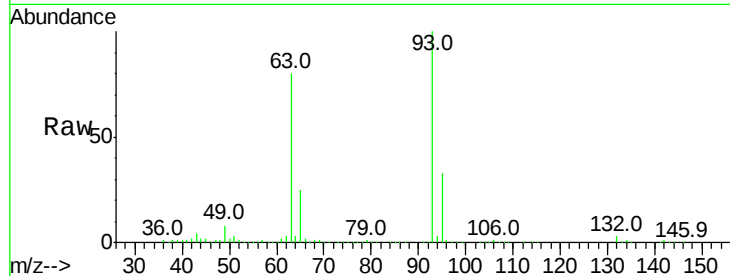
#11
bis(2-Chloroethyl)ether
Concen: 38.976 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.8	58.6	98.6
95	33.2	11.8	51.8

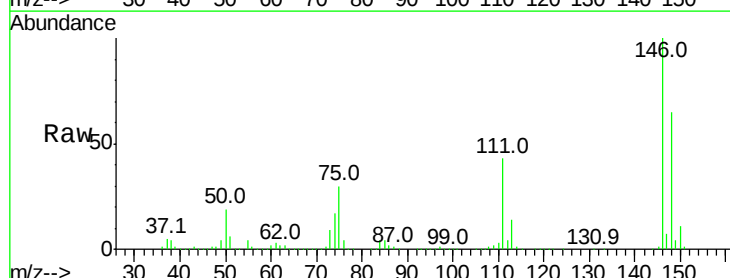
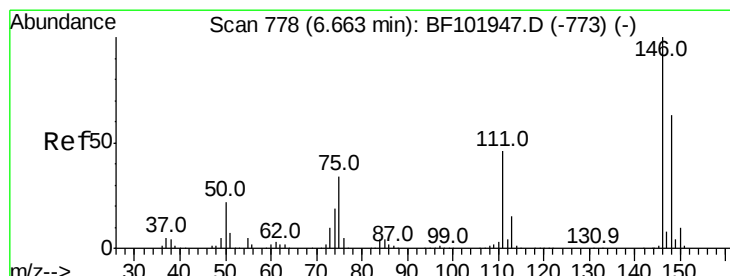
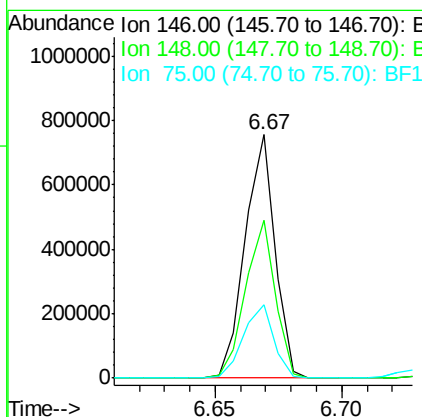
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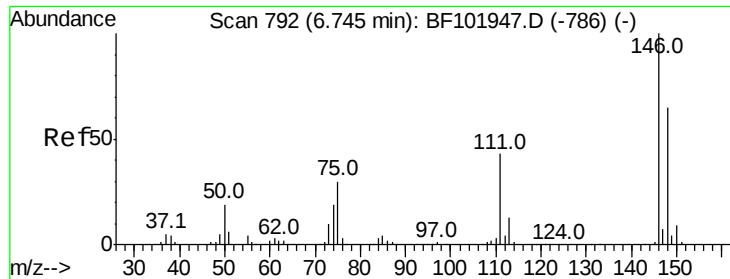
Sohil
1/12/2018 10:37:14 AM



#12
1,3-Dichlorobenzene
Concen: 36.949 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	29.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.397 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

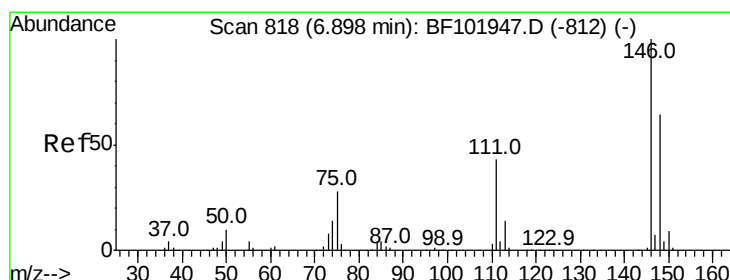
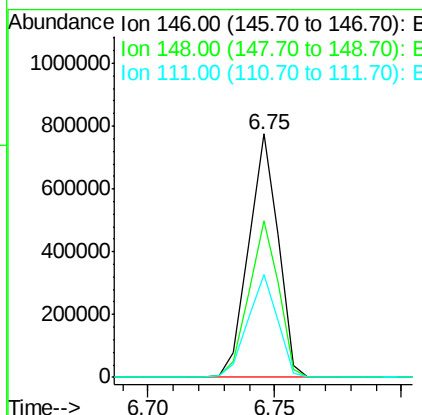
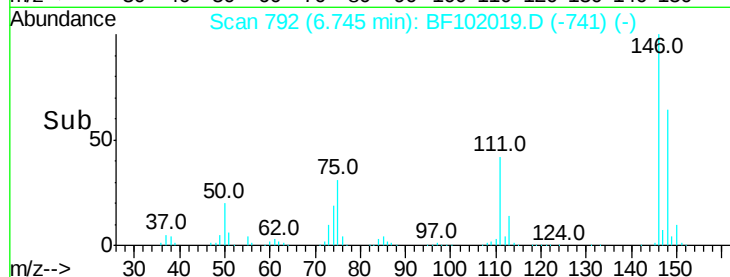
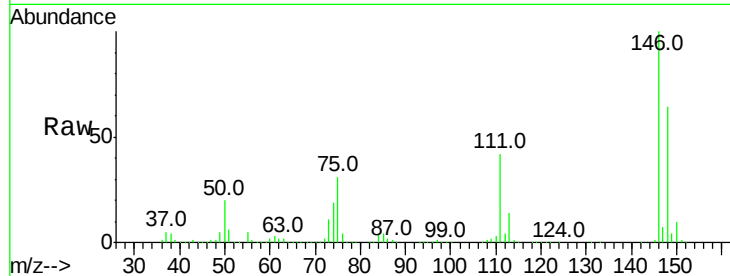
ClientSampled :

PB105579BS

Tot Ion:	146	Resp:	626475
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	42.1	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 36.933 ng

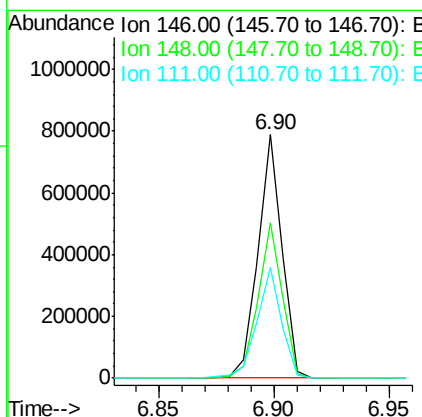
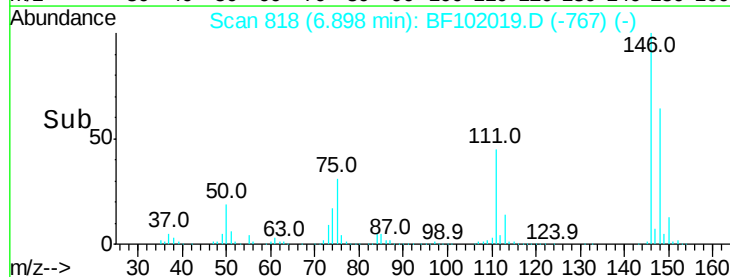
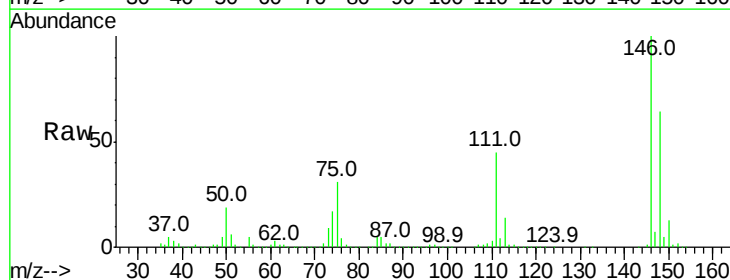
RT: 6.90 min Scan# 818

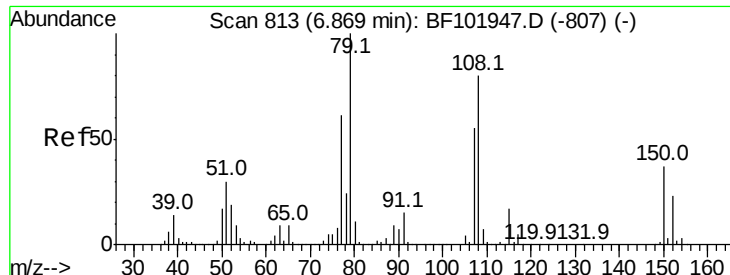
Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Tgt Ion:	146	Resp:	572666
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	45.2	36.0	54.0





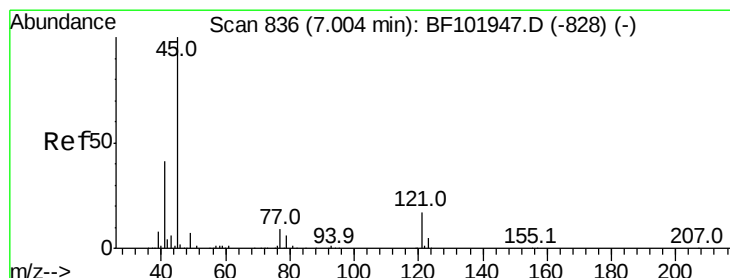
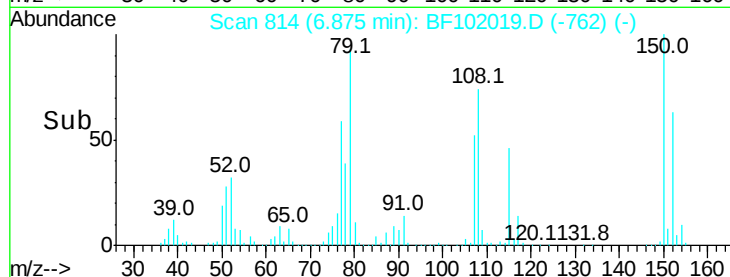
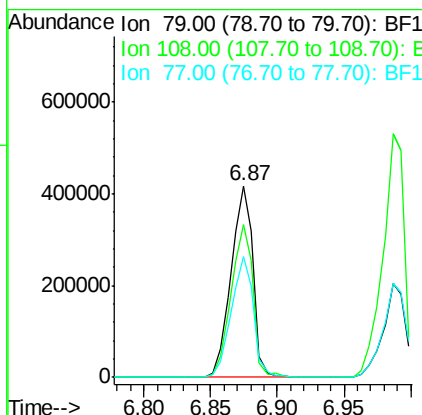
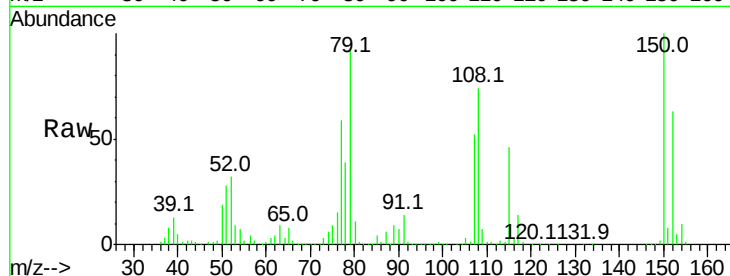
#15
Benzyl Alcohol
Concen: 38.091 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	65.1	97.7
77	63.4	50.6	75.8

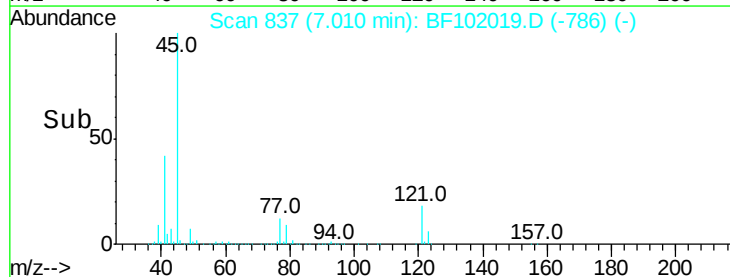
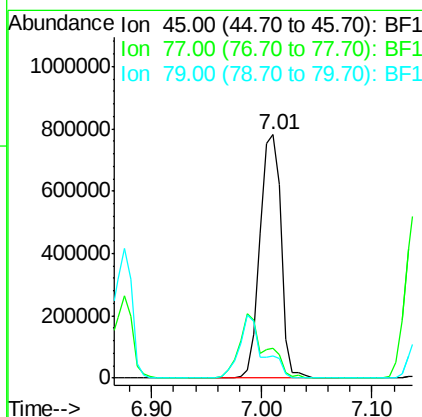
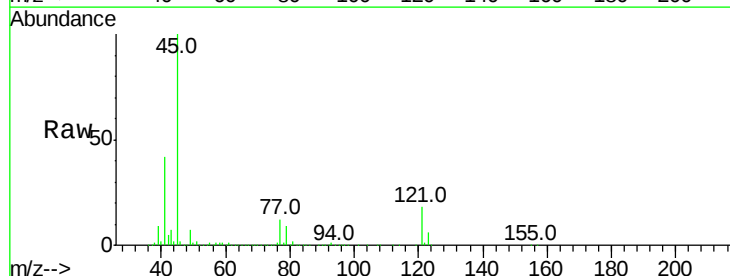
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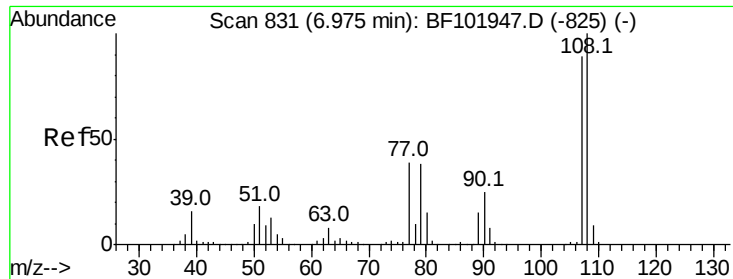
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.862 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.9
79	9.2	0.0	29.6





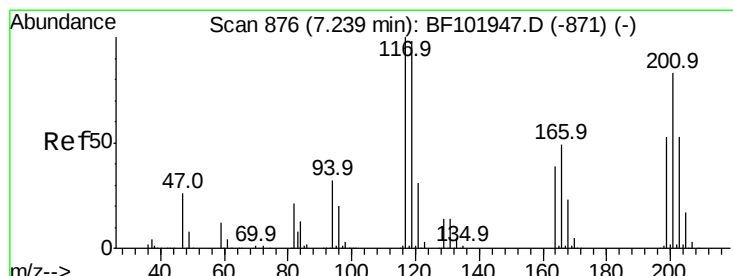
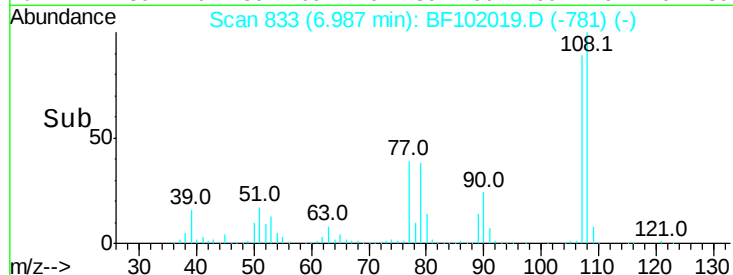
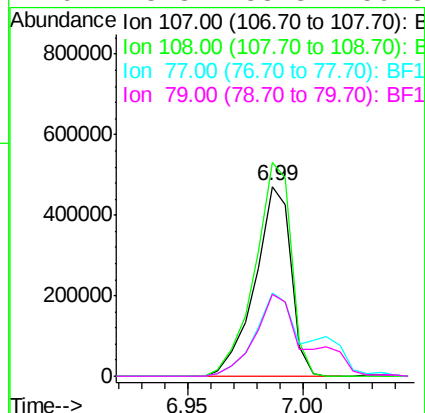
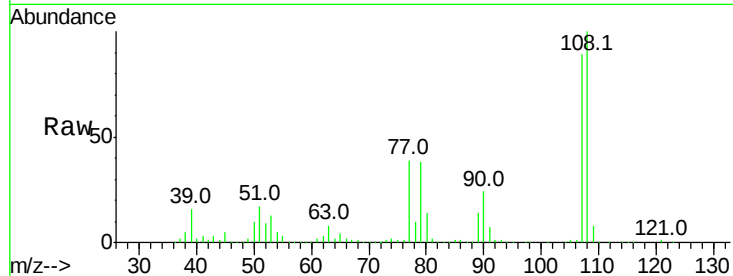
#17
2-Methylphenol
Concen: 39.180 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	514738		
108	112.4	91.7	137.5	
77	43.5	33.8	50.8	
79	43.3	33.8	50.8	

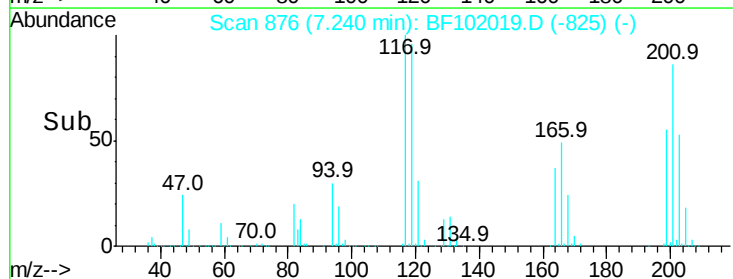
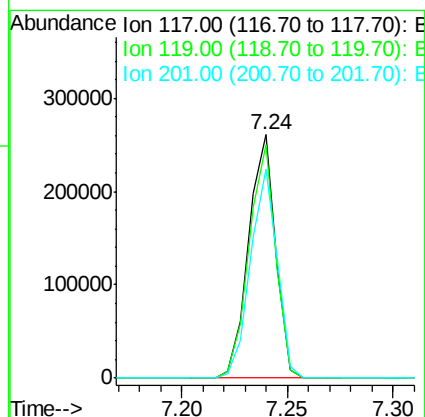
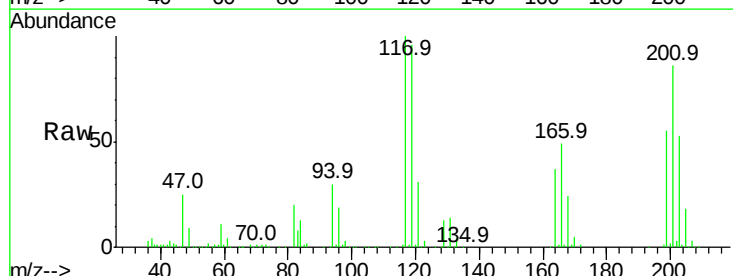
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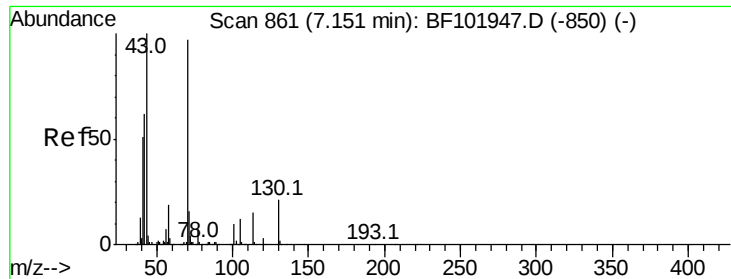
Sohil
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#18
Hexachloroethane
Concen: 39.050 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	230360		
119	95.7	75.8	113.8	
201	85.9	75.7	113.5	





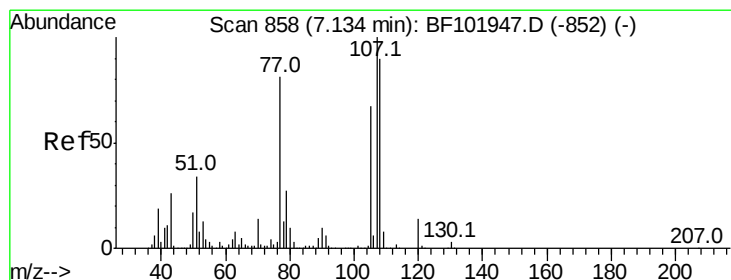
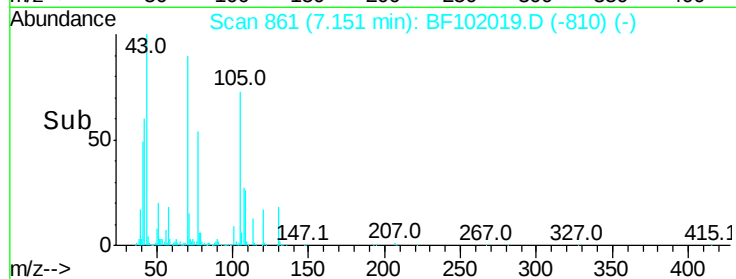
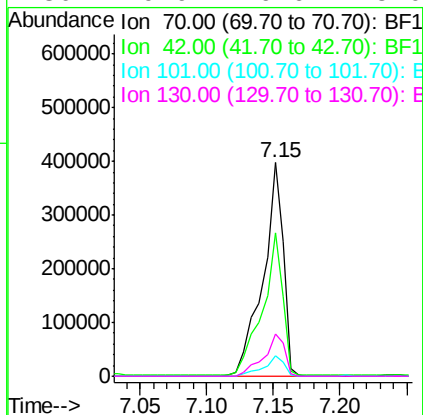
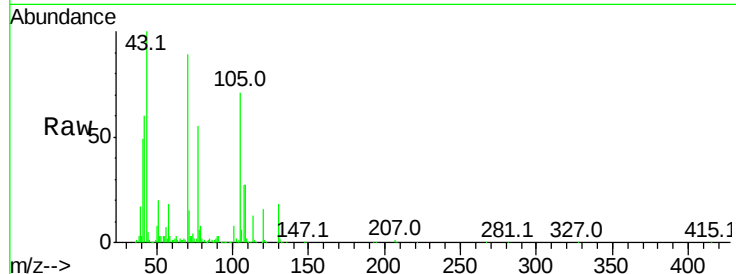
#19
n-Nitroso-di-n-propylamine
Concen: 36.733 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	47.5	71.3
101	9.5	7.4	11.2
130	19.9	16.6	25.0

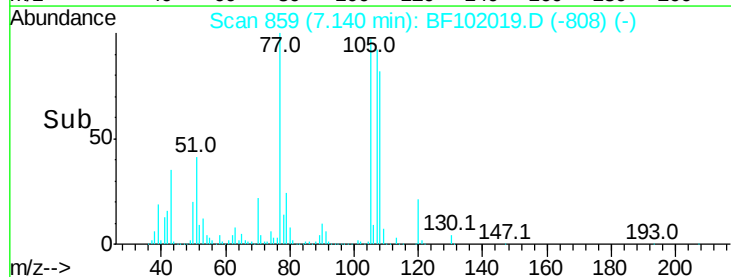
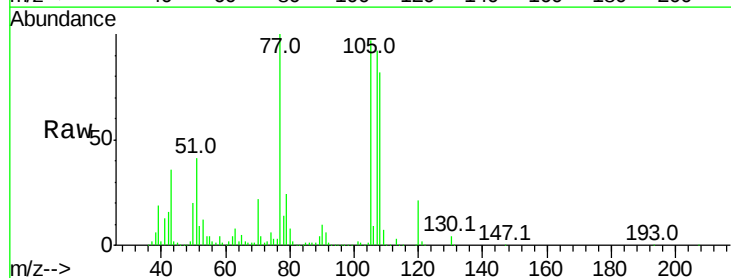
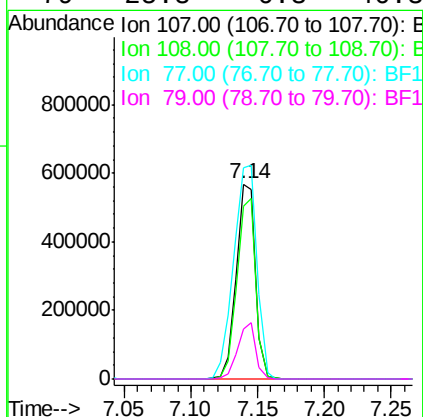
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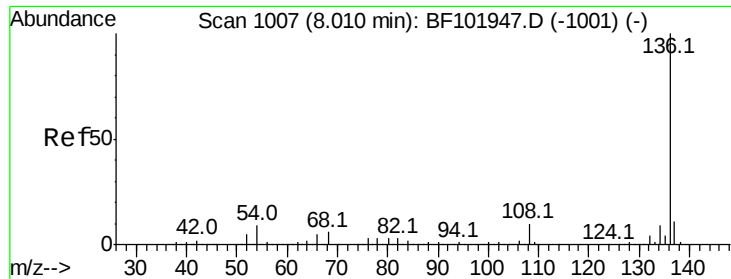
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#20
3+4-Methylphenols
Concen: 36.182 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	108.6	26.7	66.7#
79	25.8	6.3	46.3





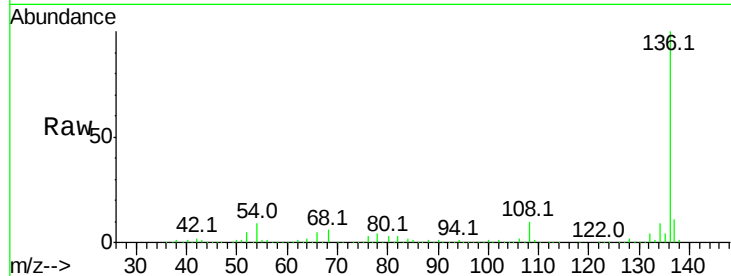
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

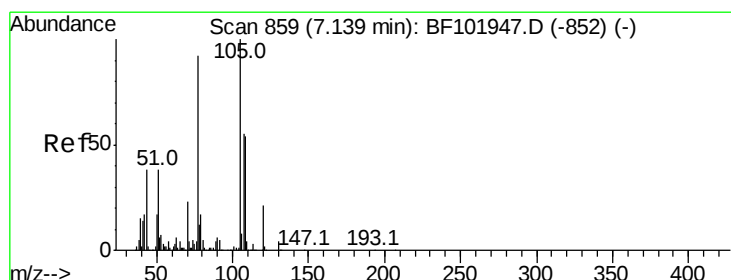
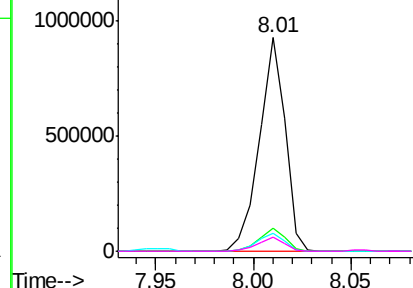
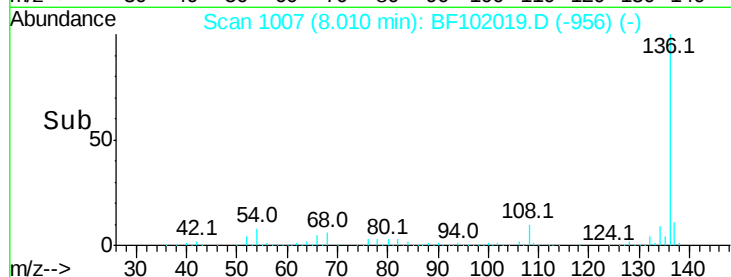
Tot Ion	Ratio	Resp	Lower	Upper
136	100	846653		
137	11.1		8.9	13.3
54	8.5		6.6	9.8
68	6.3		5.0	7.4

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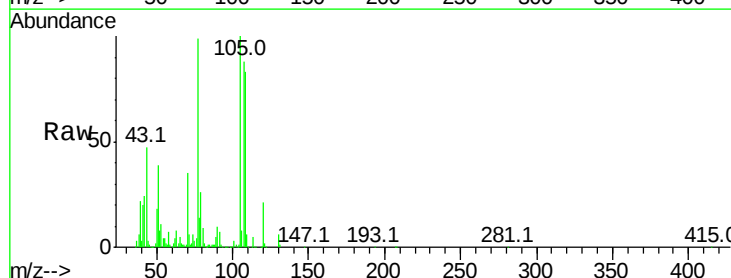


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

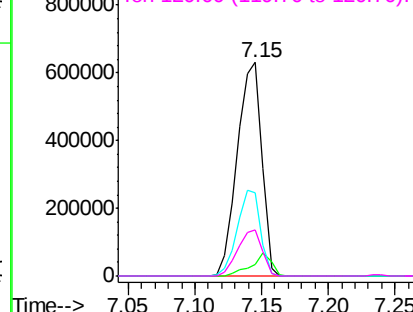
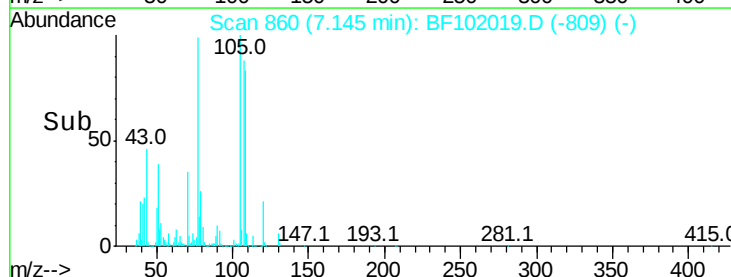


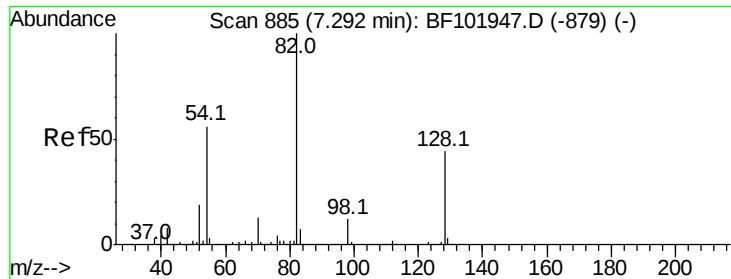
#22
Acetophenone
Concen: 39.815 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	812196		
71	5.6		4.4	6.6
51	38.9		22.3	33.5#
120	21.4		16.9	25.3



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





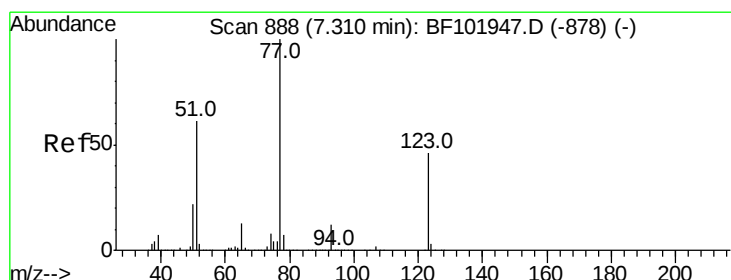
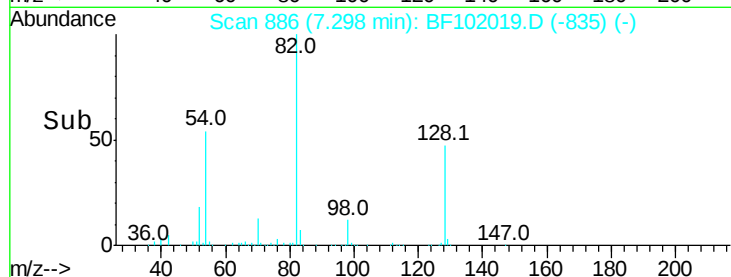
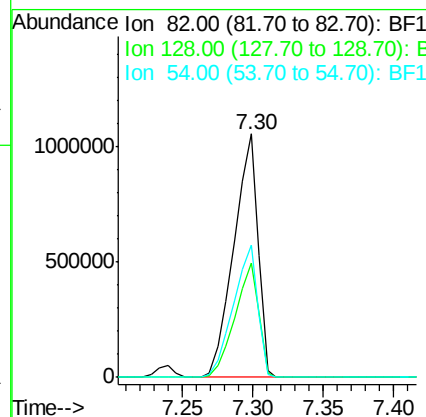
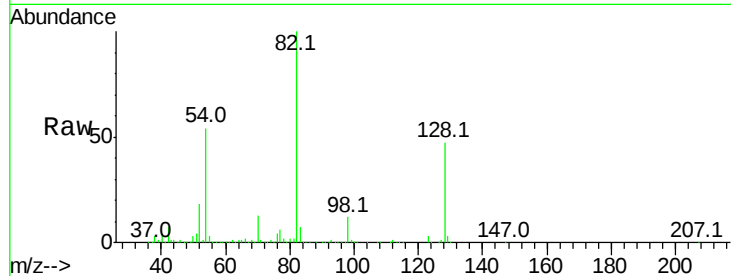
#23
Nitrobenzene-d5
Concen: 86.894 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampled :
PB105579BS

Tot Ion: 82 Resp: 1251944
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 54.1 41.4 62.2

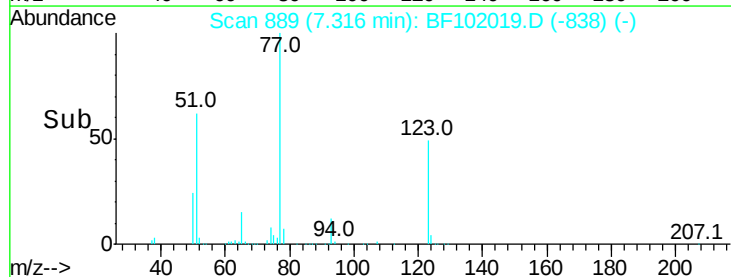
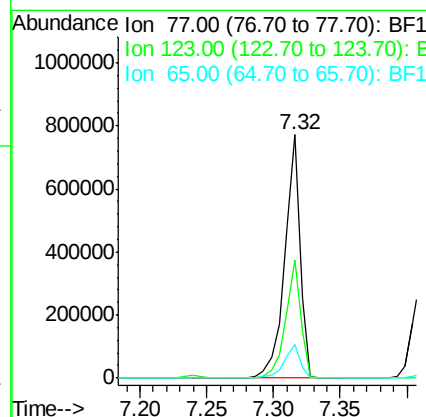
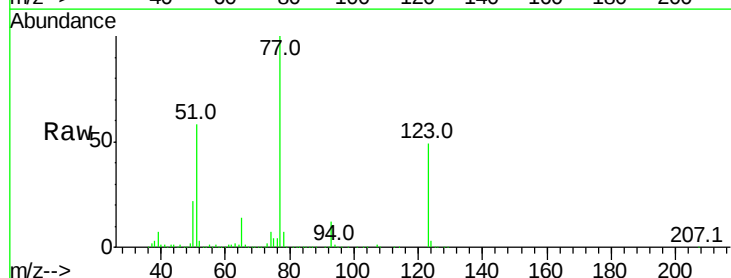
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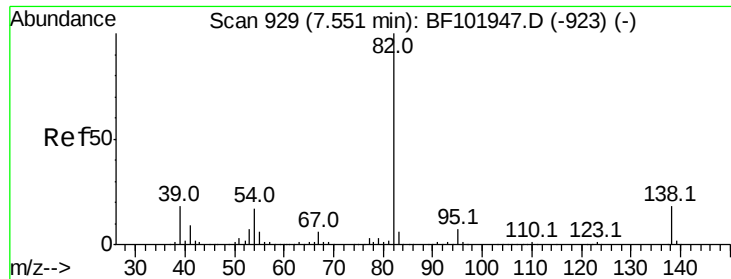
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#24
Nitrobenzene
Concen: 40.552 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion: 77 Resp: 627818
Ion Ratio Lower Upper
77 100
123 48.5 37.9 56.9
65 13.8 11.0 16.4





#25

Isophorone

Concen: 41.414 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

ClientSampleId :

PB105579BS

Tot Ion: 82 Resp: 1178988

Ion Ratio Lower Upper

82 100

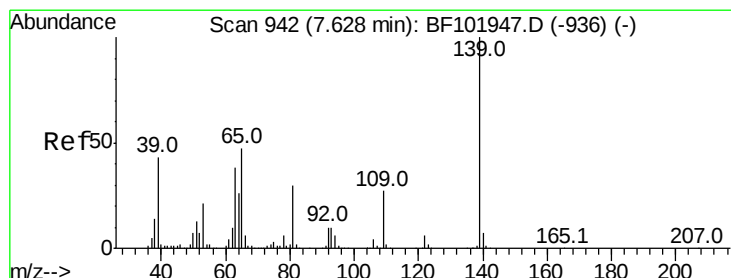
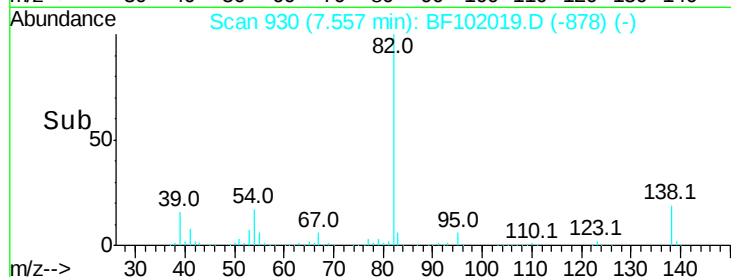
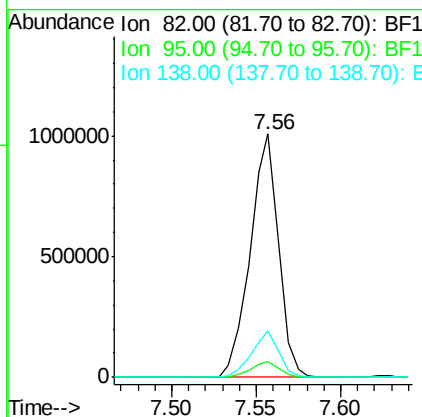
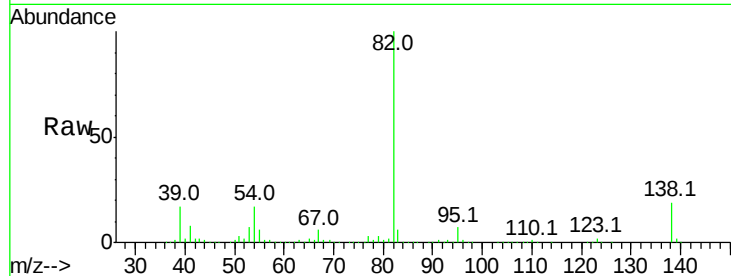
95 6.6 5.2 7.8

138 18.9 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.348 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

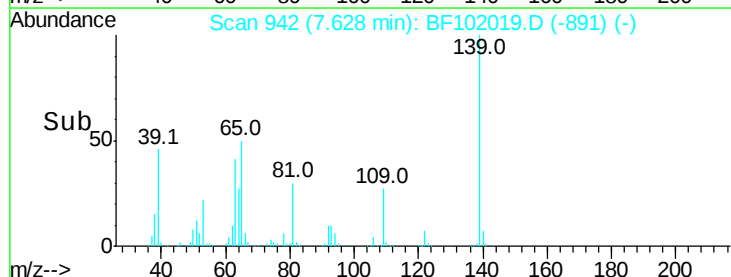
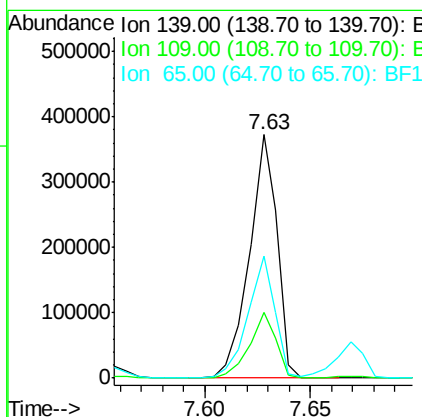
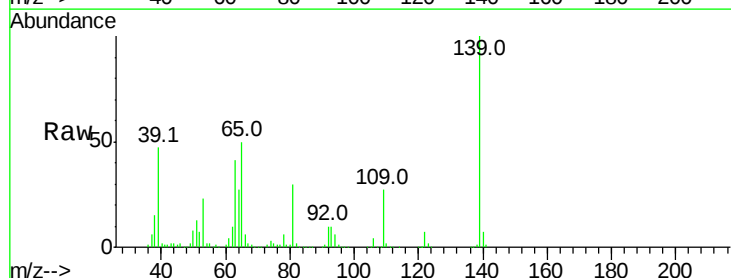
Tgt Ion: 139 Resp: 339208

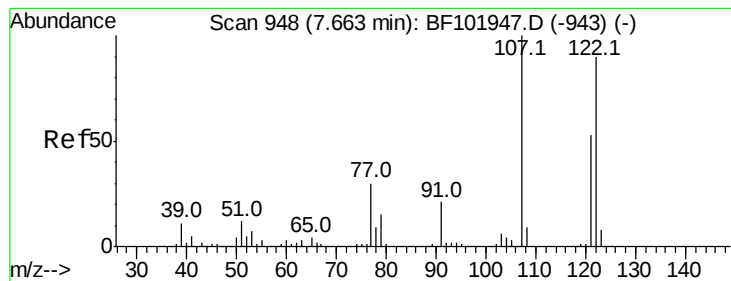
Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

65 50.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.650 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

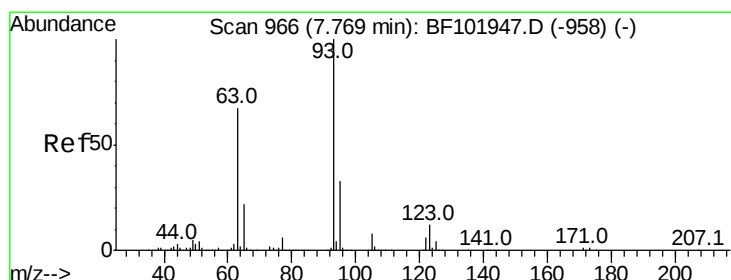
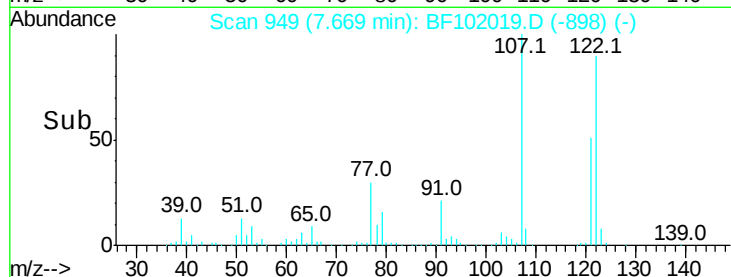
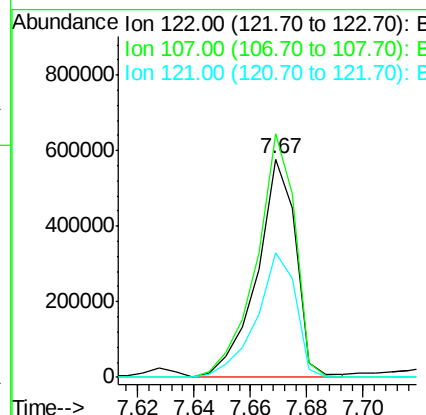
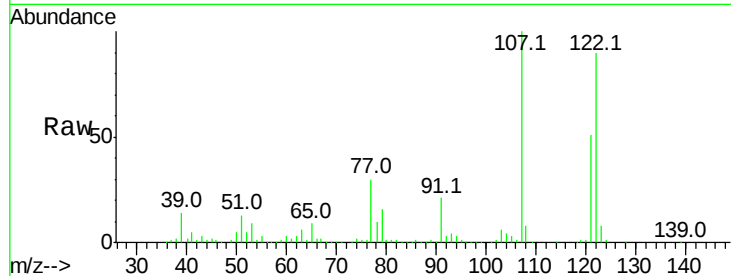
ClientSampleId :

PB105579BS

Tot Ion:	122	Resp:	552440
Ion Ratio	Lower	Upper	
122	100		
107	111.4	91.2	136.8
121	57.3	47.2	70.8

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1/12/2018 10:37:14 AM



#28

bis(2-Chloroethoxy)methane

Concen: 42.671 ng

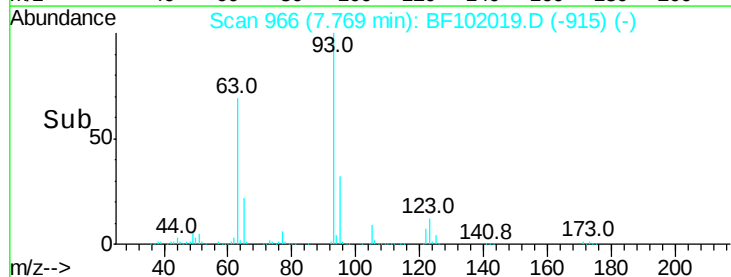
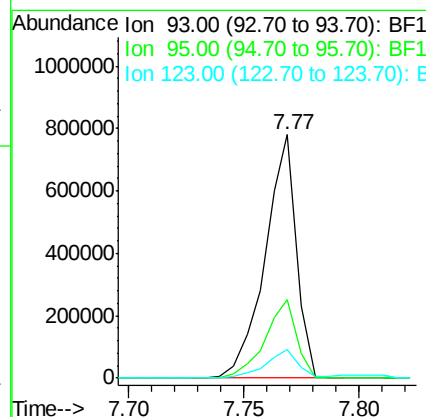
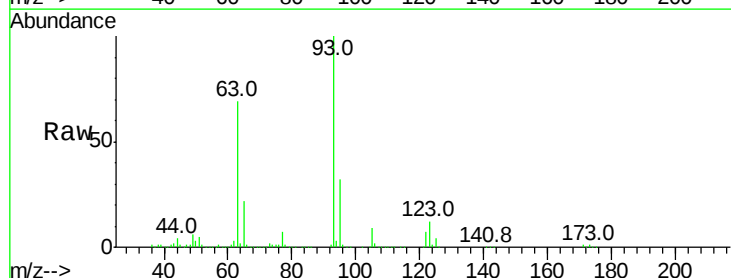
RT: 7.77 min Scan# 966

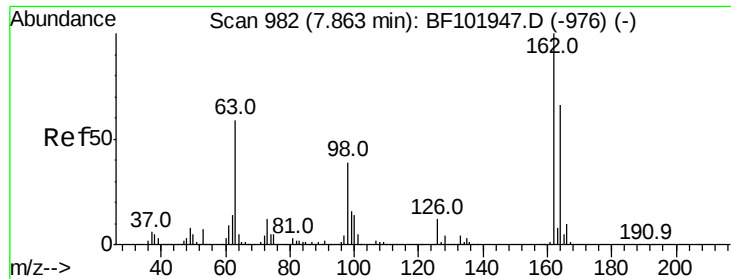
Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Tgt Ion:	93	Resp:	733477
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	11.7	9.8	14.6





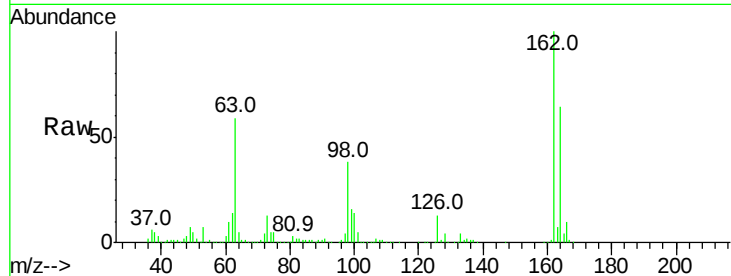
#29
2,4-Dichlorophenol
Concen: 43.526 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

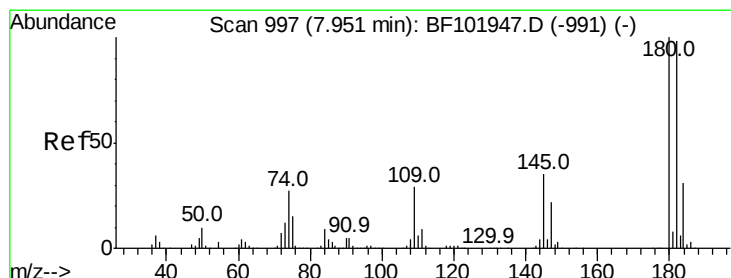
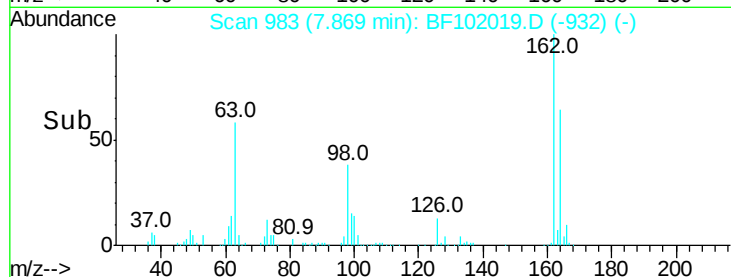
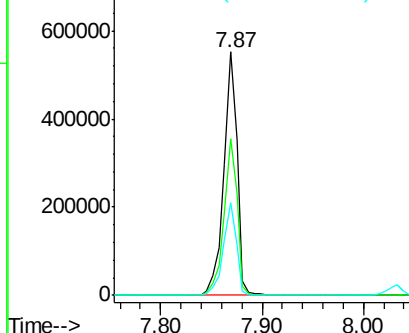
Tot Ion	Ratio	Resp	Lower	Upper
162	100	500160		
164	64.3	42.7	82.7	
98	38.0	18.1	58.1	

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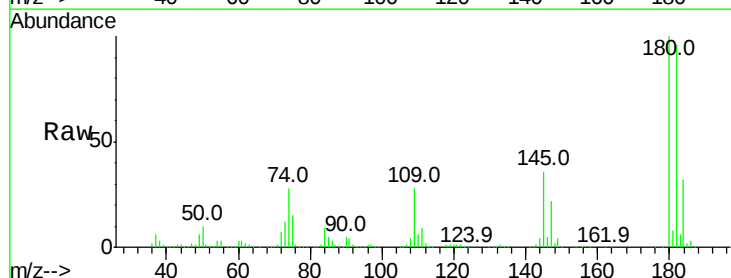


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

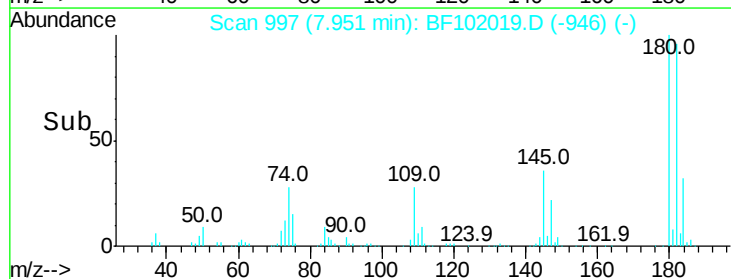
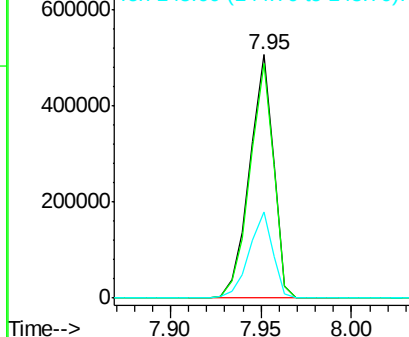


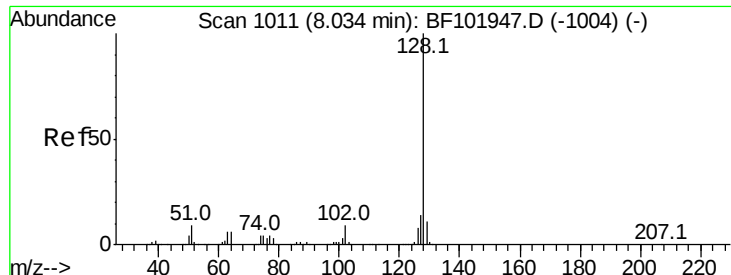
#30
1,2,4-Trichlorobenzene
Concen: 38.613 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	464102		
182	96.2	76.8	115.2	
145	35.6	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





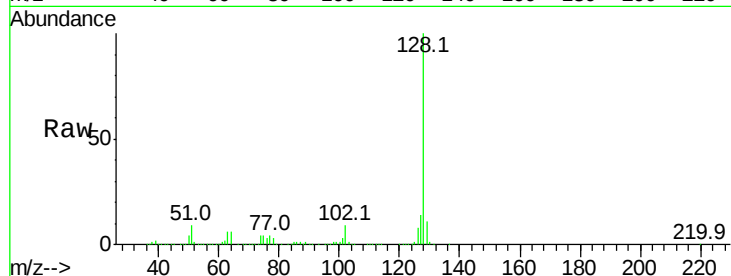
#31
Naphthalene
Concen: 39.284 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.6	10.9	16.3

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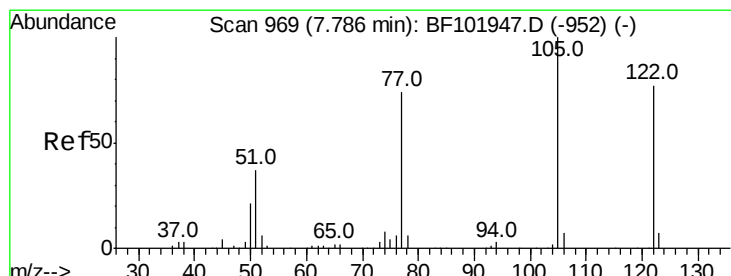
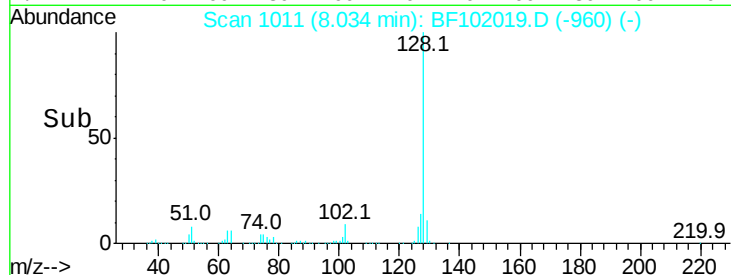
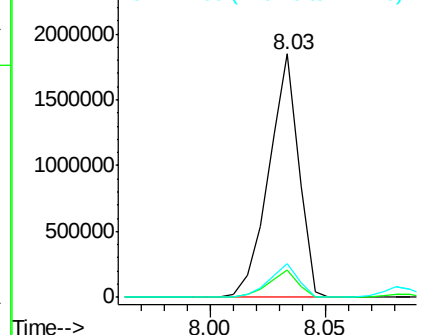


Abundance

Ion 128.00 (127.70 to 128.70): E

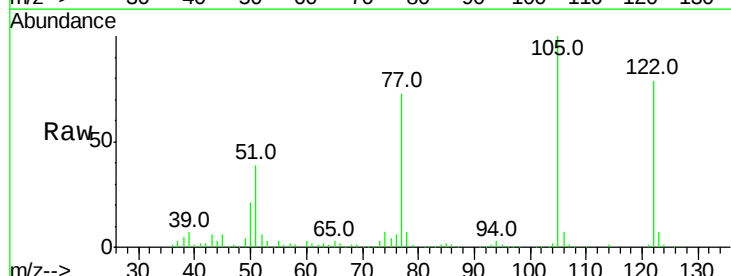
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 42.990 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.2	101.1	141.1
77	91.8	70.7	110.7

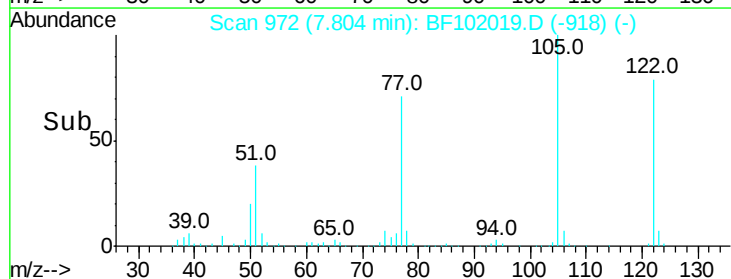
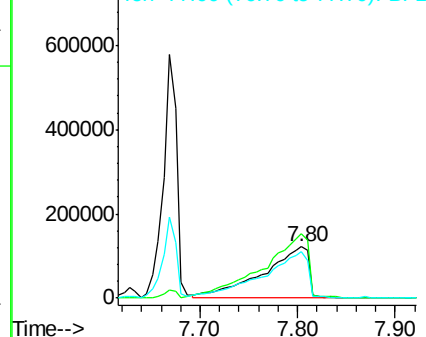


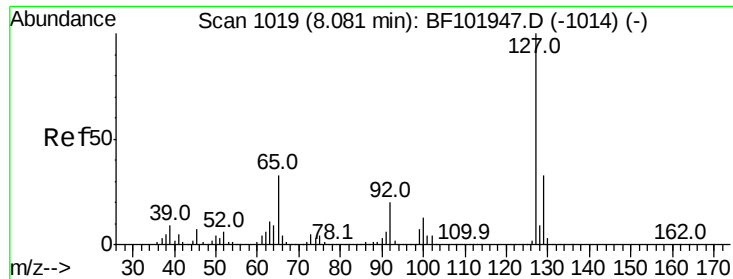
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





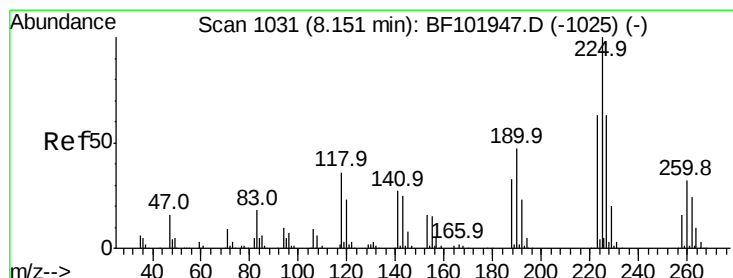
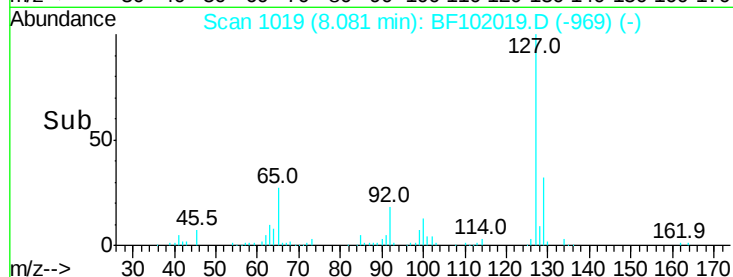
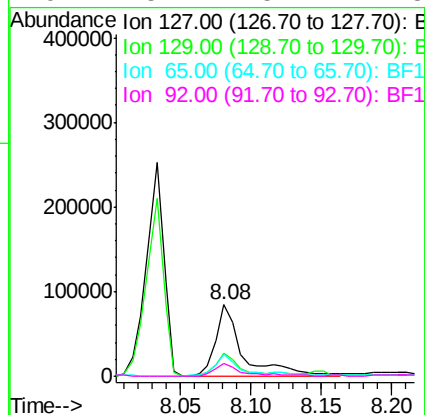
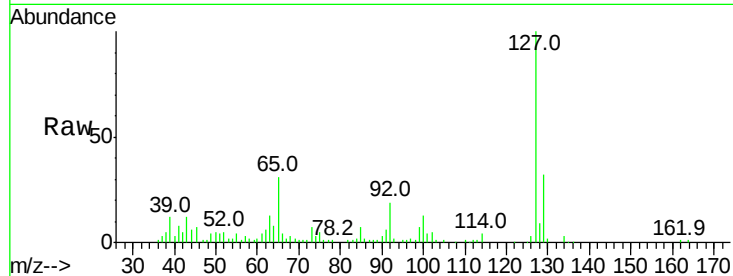
#33
4-Chloroaniline
Concen: 6.173 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	25.9	38.9	
65	30.8	25.0	37.4	
92	18.7	15.2	22.8	

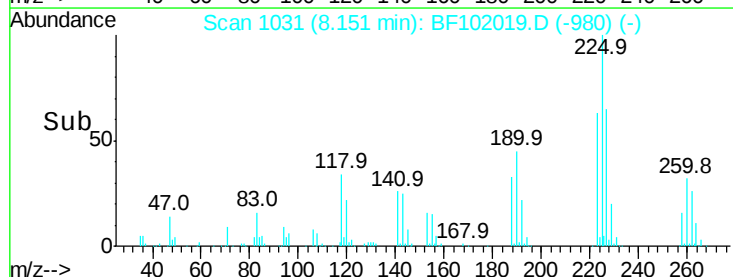
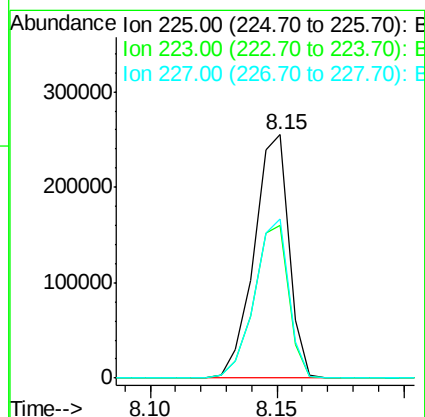
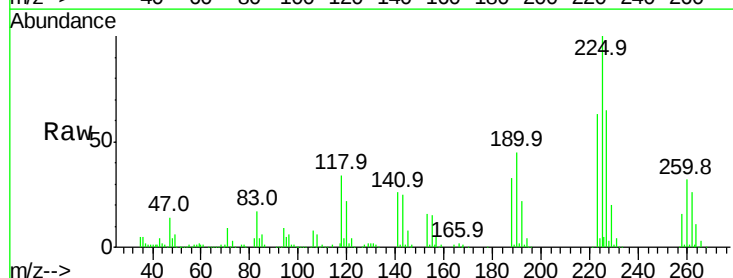
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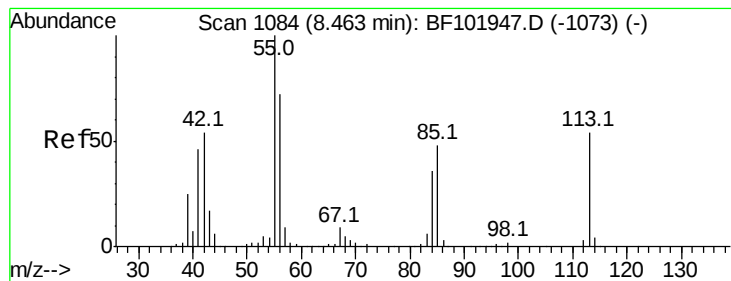
Sohil
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#34
Hexachlorobutadiene
Concen: 38.495 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.6	76.0	
227	65.2	51.9	77.9	





#35

Caprolactam

Concen: 45.243 ng/ml

RT: 8.47 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

ClientSampleID :

PB105579BS

Tot Ion:113 Resp: 178476

Ion Ratio Lower Upper

113 100

55 205.4 163.3 203.3#

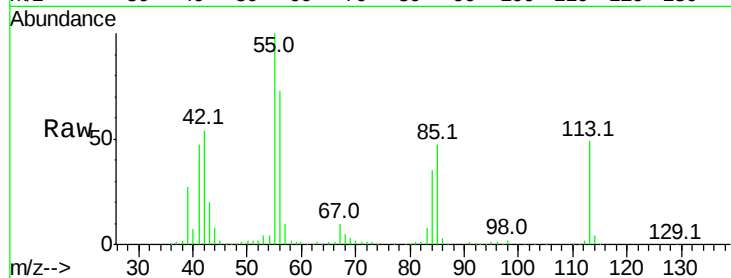
56 149.3 115.7 155.7

Manual Integrations

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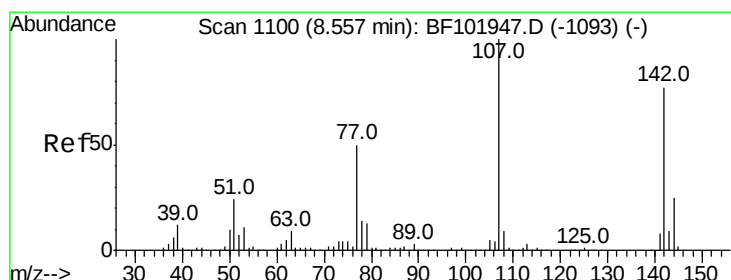
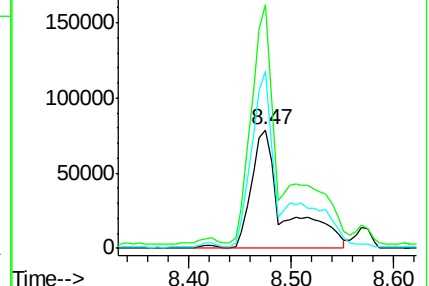
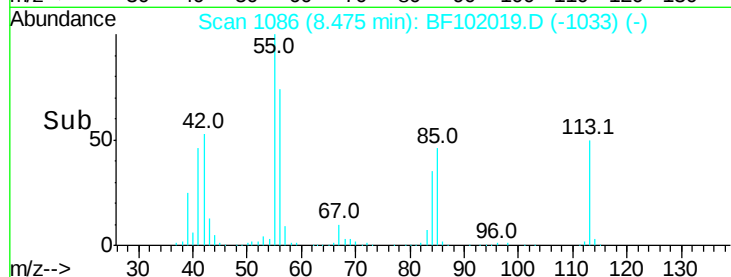
1/12/2018 10:37:14 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.284 ng/ml

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

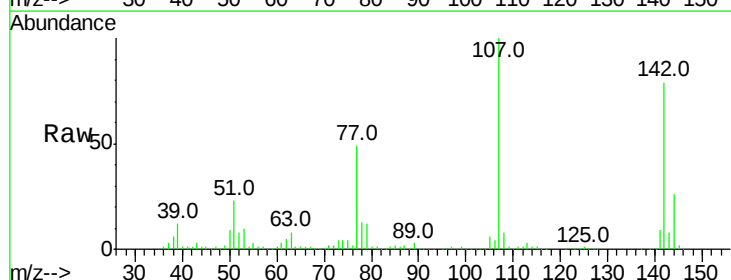
Tgt Ion:107 Resp: 544439

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

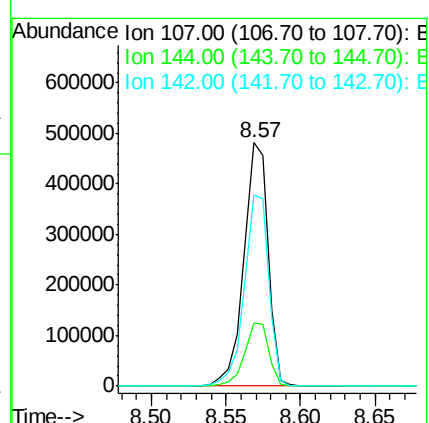
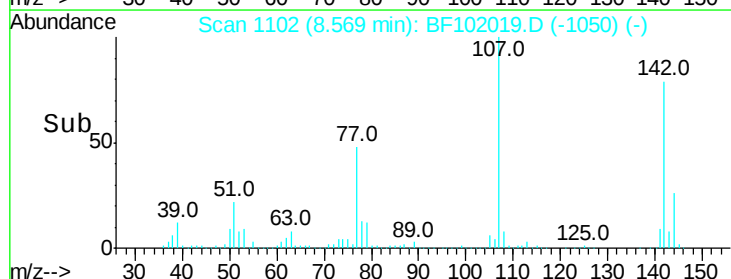
142 78.7 62.0 93.0

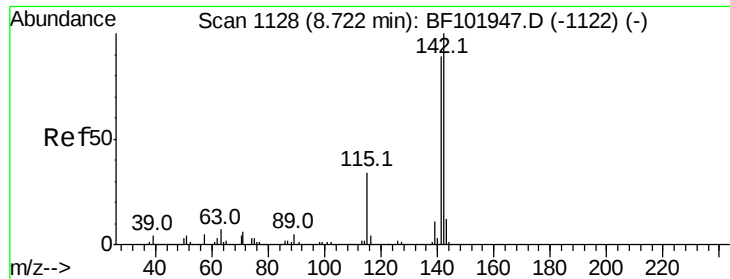


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





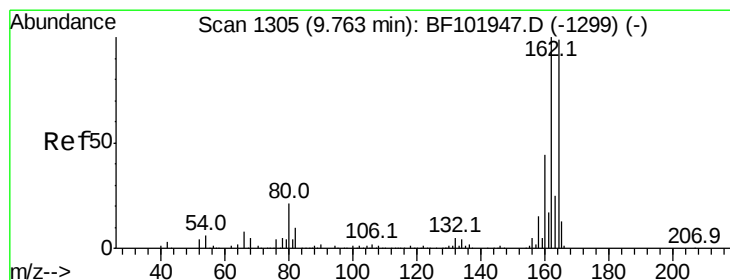
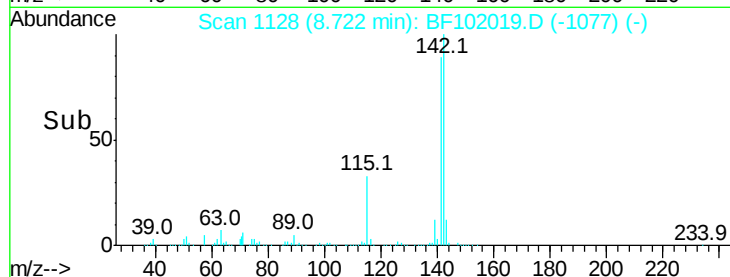
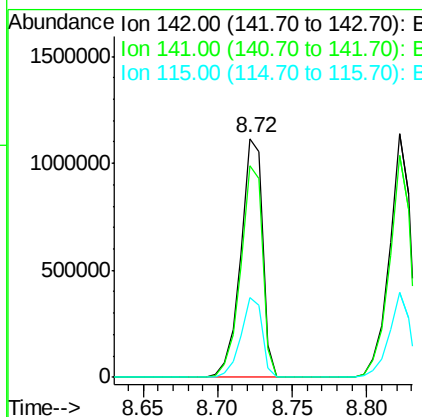
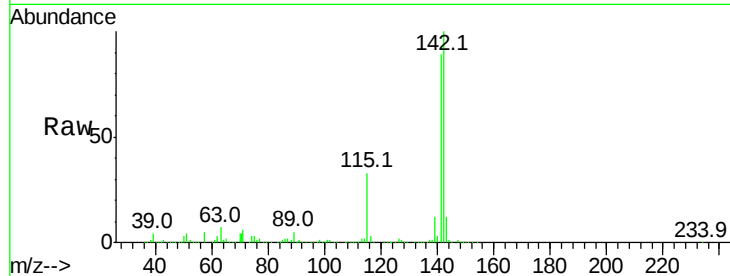
#37
2-Methylnaphthalene
Concen: 40.655 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	33.2	26.1	39.1

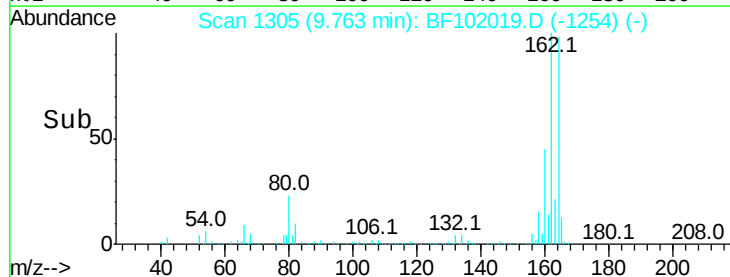
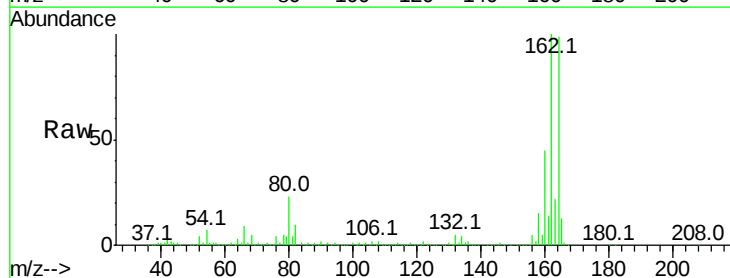
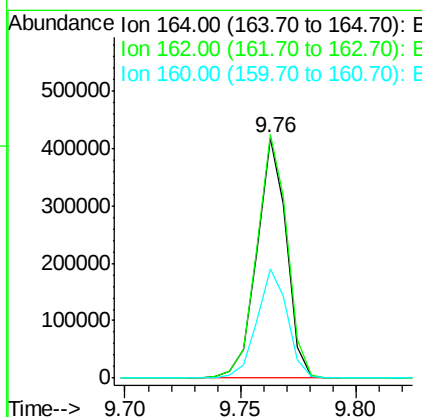
Manual Integrations
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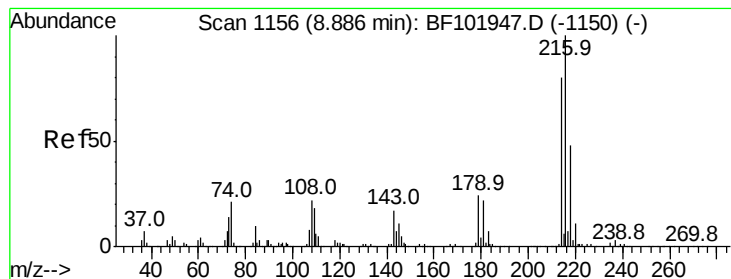
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	45.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.696 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

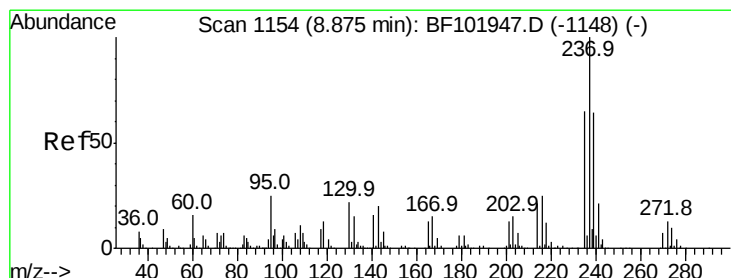
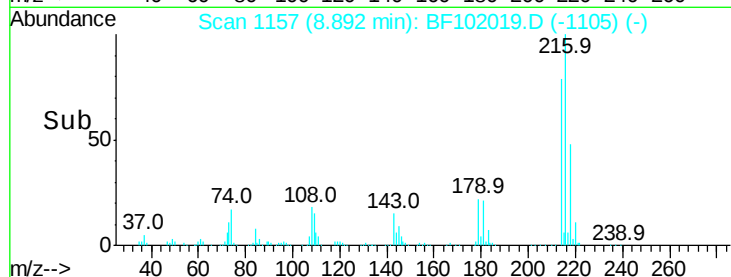
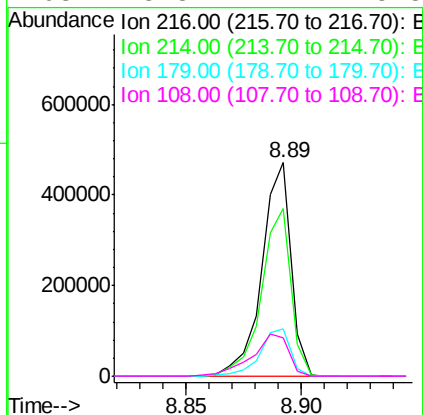
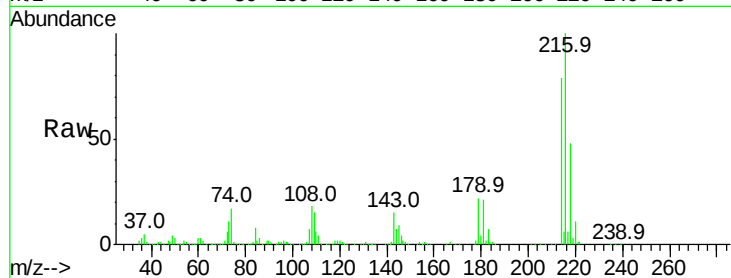
ClientSampleId :

PB105579BS

Tot Ion:	216	Resp:	417379
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.4
179	23.1	18.1	27.1
108	25.3	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 87.963 ng

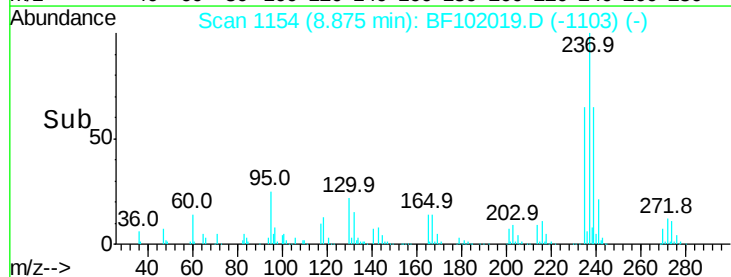
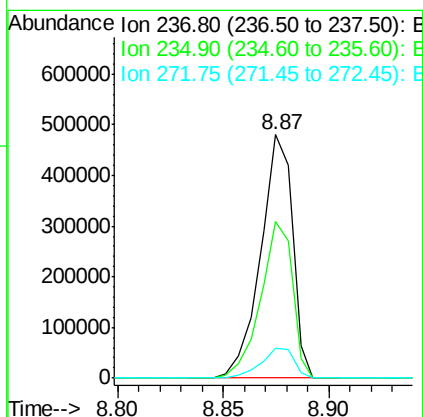
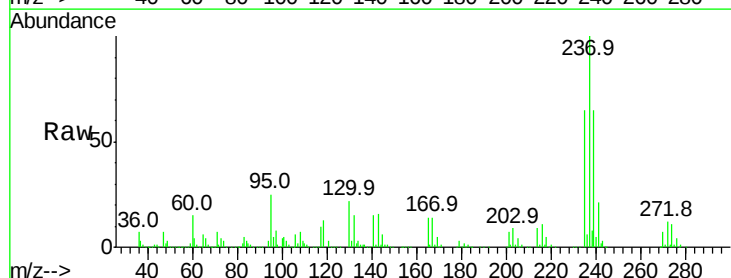
RT: 8.87 min Scan# 1154

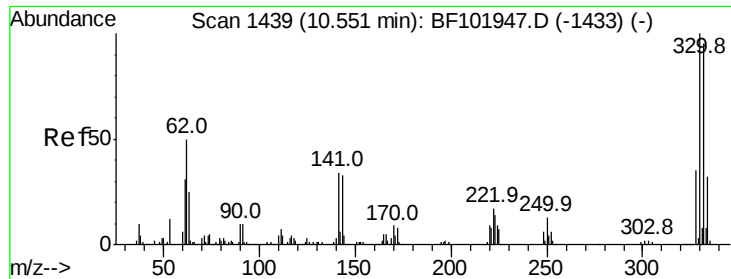
Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Tgt Ion:	237	Resp:	505805
Ion Ratio	Lower	Upper	
237	100		
235	64.5	44.8	84.8
272	12.3	0.0	33.3





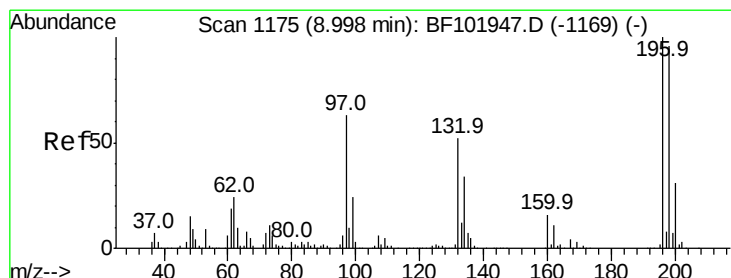
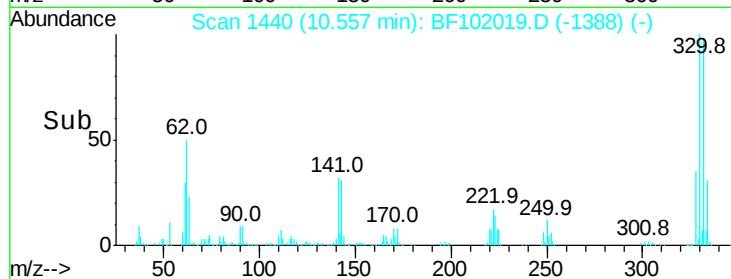
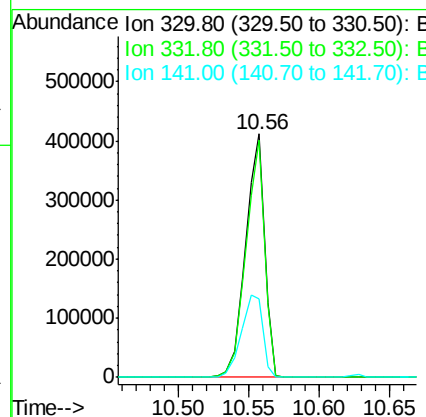
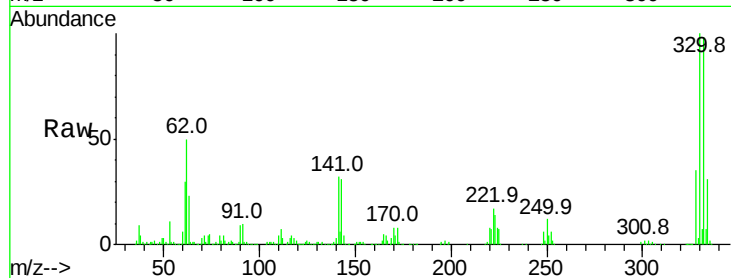
#41
 2,4,6-Tribromophenol
 Concen: 119.144 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB105579BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	38.0	29.9	44.9	

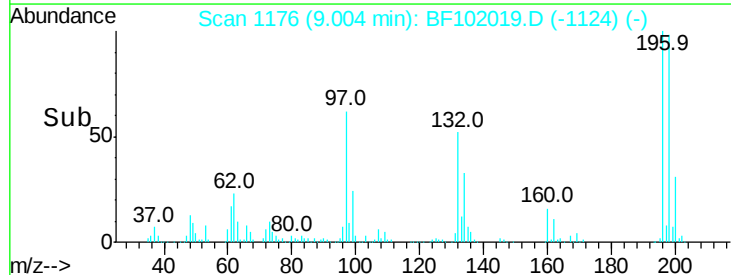
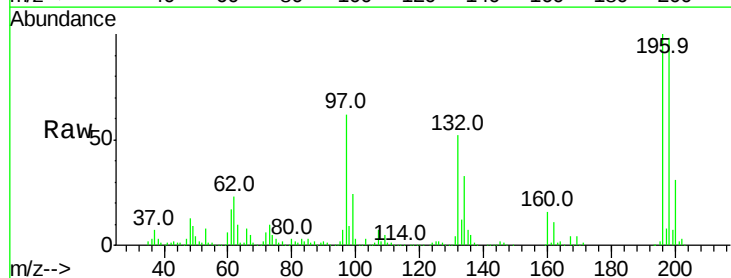
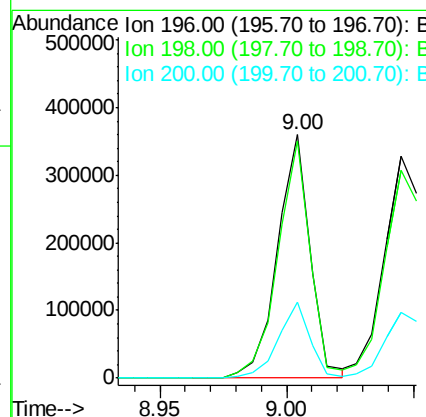
Manual Integrations
 APPROVED

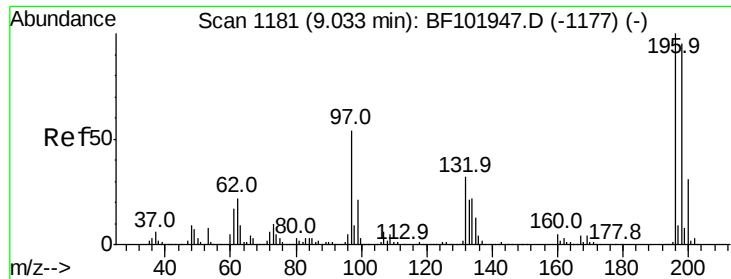
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 44.325 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.5	75.7	113.5	
200	31.3	24.5	36.7	





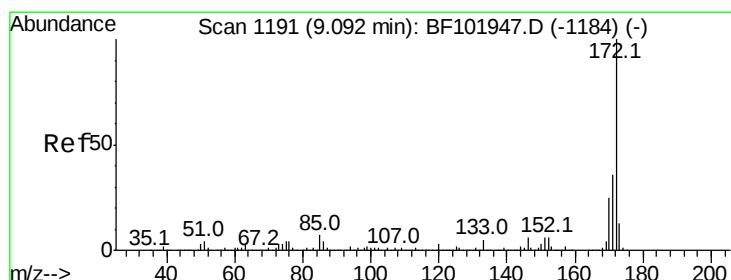
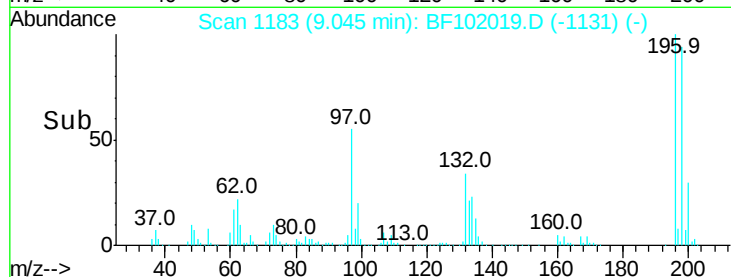
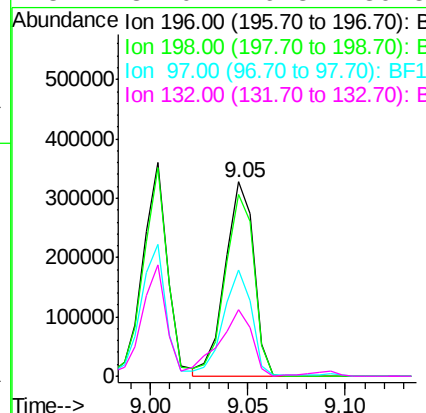
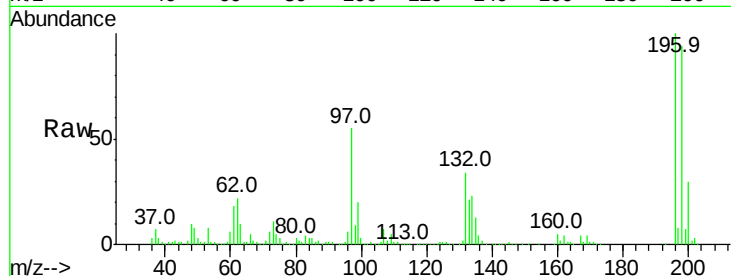
#43
 2,4,5-Trichlorophenol
 Concen: 40.972 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB105579BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	335532		
198	93.7	74.6	112.0	
97	54.8	42.9	64.3	
132	34.0	26.3	39.5	

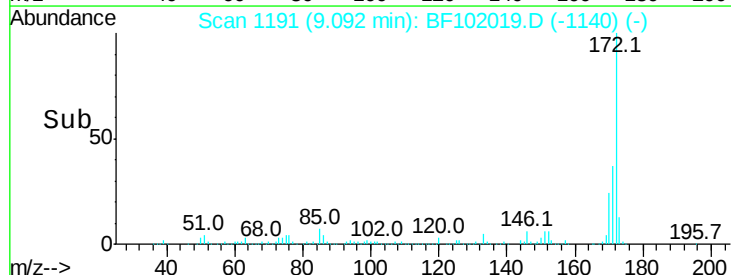
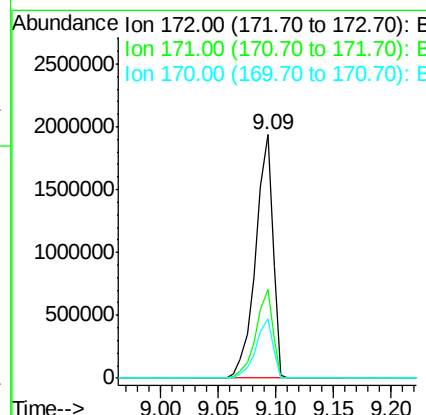
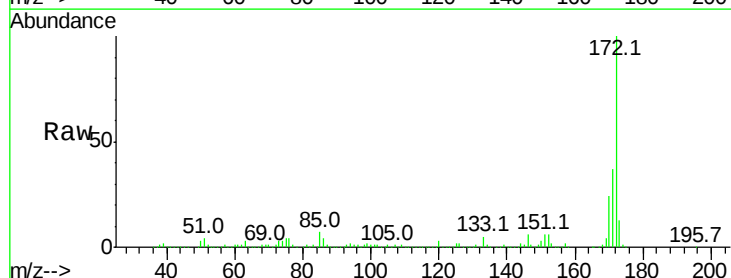
Manual Integrations
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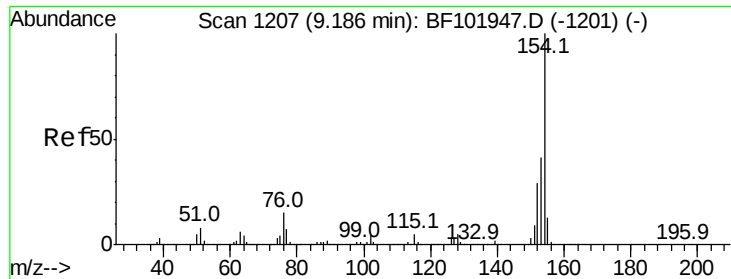
Sohil
 1/12/2018 10:37:14 AM



#44
 2-Fluorobiphenyl
 Concen: 84.548 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2011358		
171	36.5	29.7	44.5	
170	24.4	19.6	29.4	





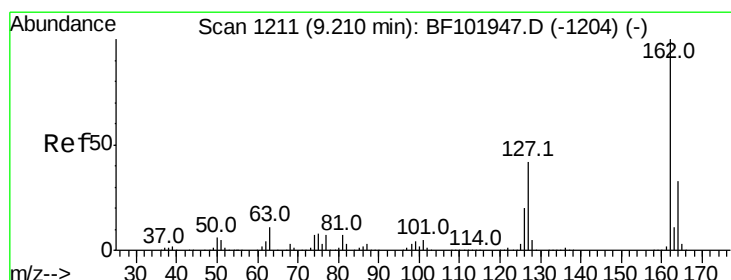
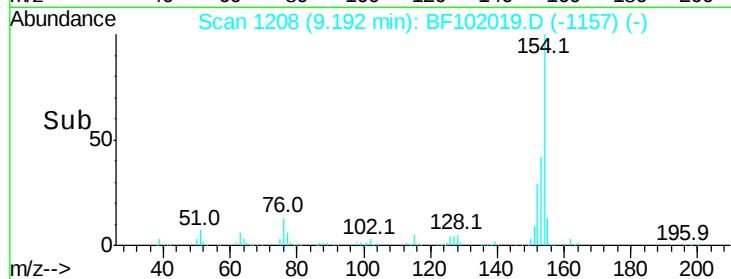
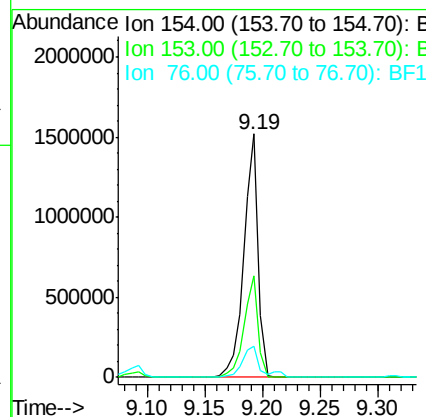
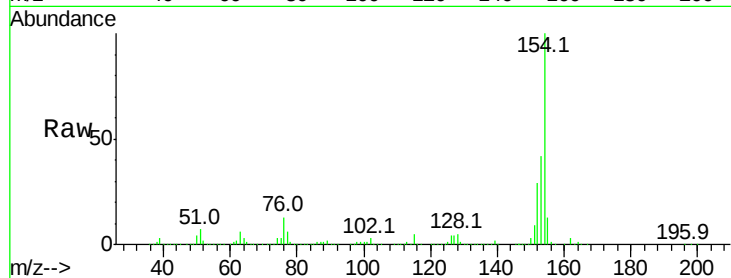
#45
 1,1'-Biphenyl
 Concen: 39.227 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB105579BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	12.7	0.0	34.0

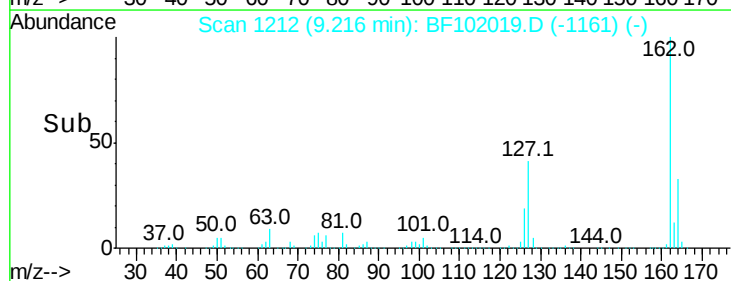
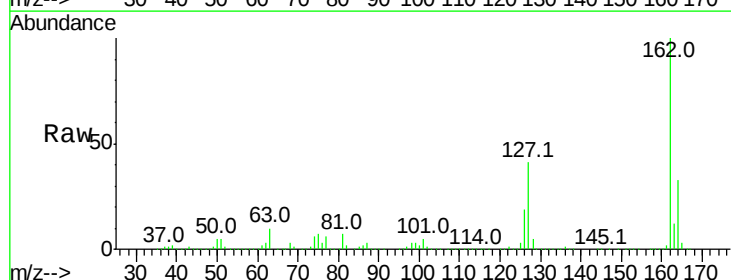
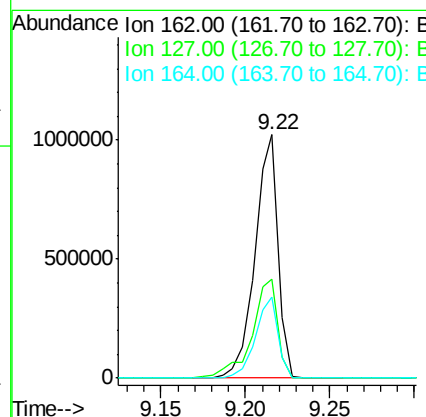
Manual Integrations
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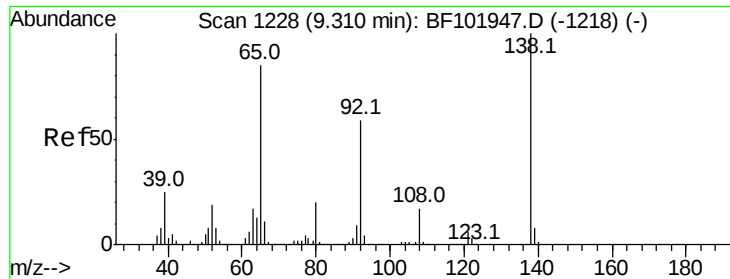
Sohil
 1/12/2018 10:37:14 AM



#46
 2-Chloronaphthalene
 Concen: 38.289 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	33.4	26.5	39.7





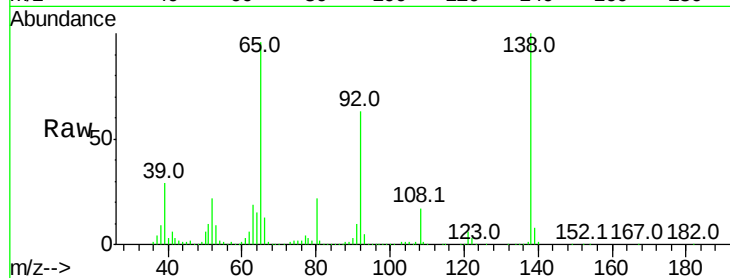
#47
2-Nitroaniline
Concen: 44.069 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	55.8	83.6
138	103.9	91.2	136.8

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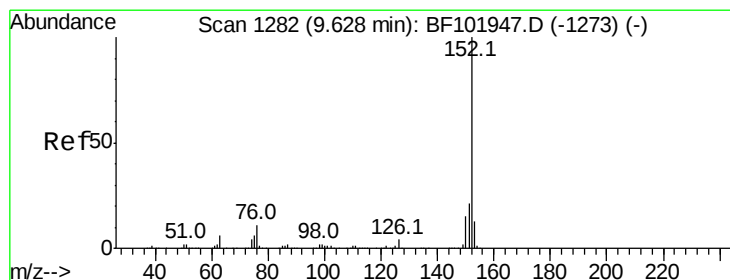
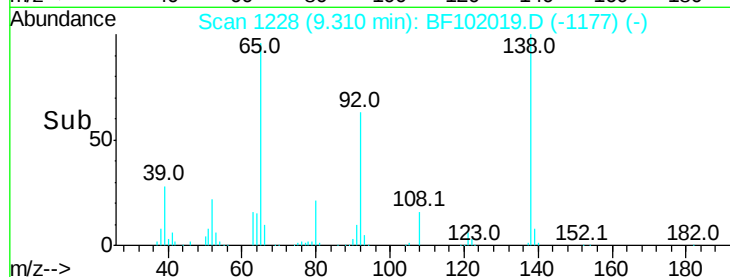
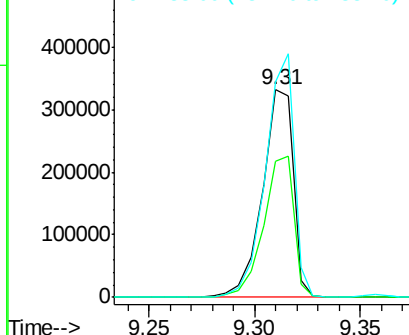


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 37.275 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

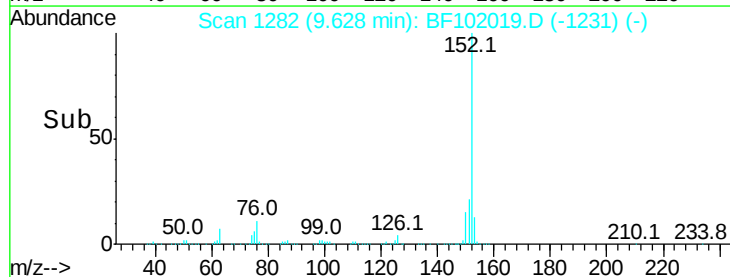
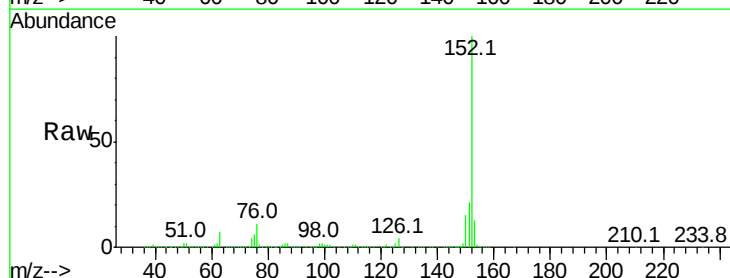
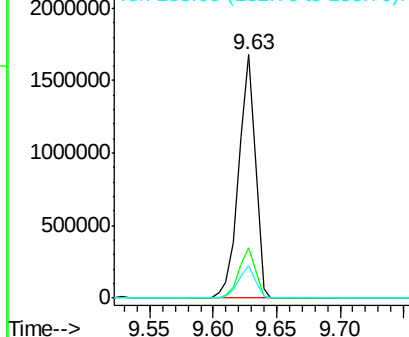
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.3	10.7	16.1

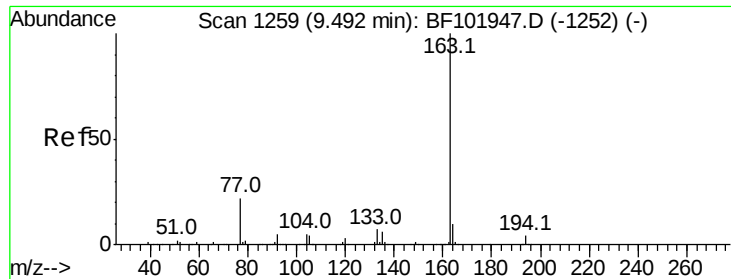
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





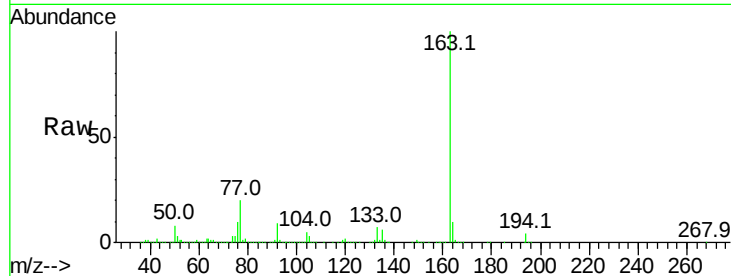
#49
Dimethylphthalate
Concen: 38.361 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

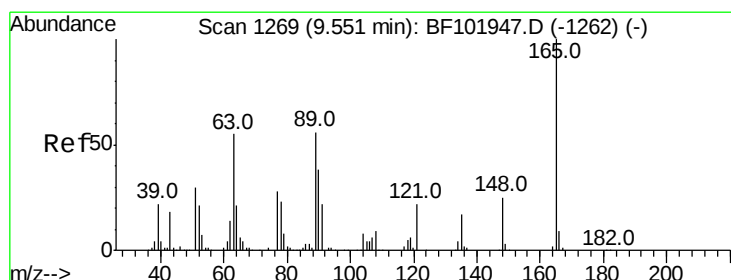
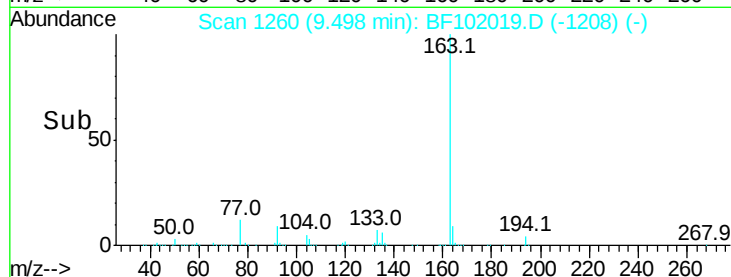
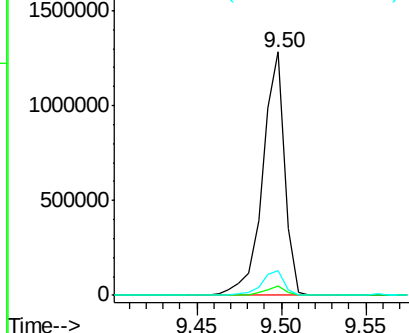
Tot Ion:163 Resp: 1143714
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2

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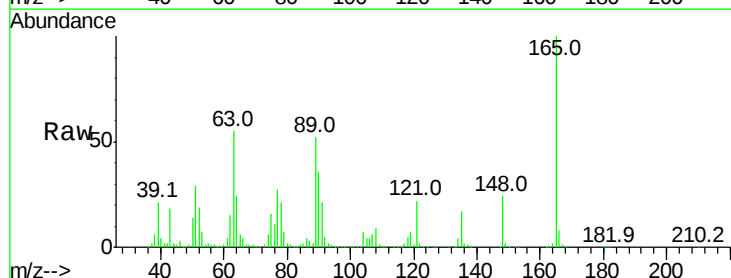


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

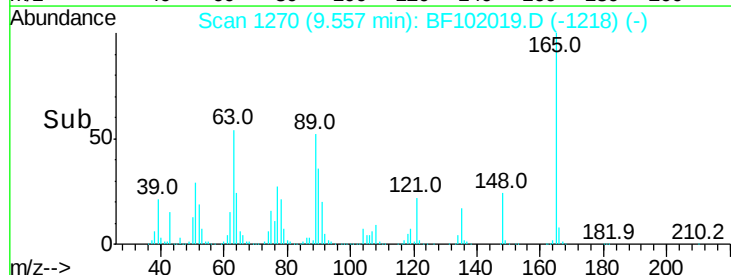
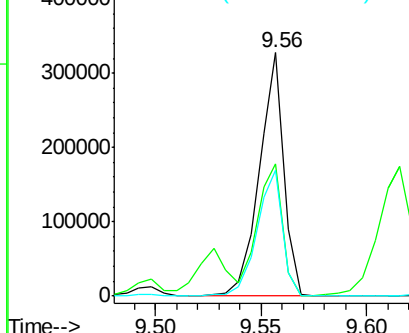


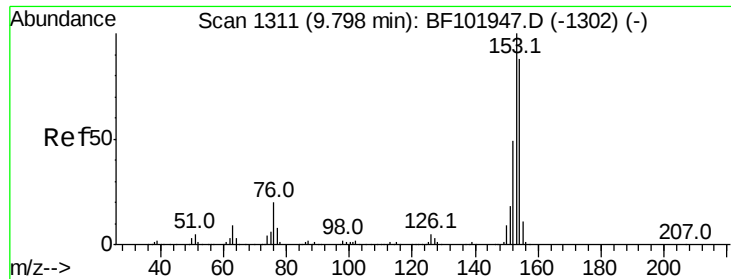
#50
2,6-Dinitrotoluene
Concen: 44.399 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion:165 Resp: 264416
Ion Ratio Lower Upper
165 100
63 54.5 44.7 67.1
89 51.7 44.0 66.0



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





#51

Acenaphthene

Concen: 36.428 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

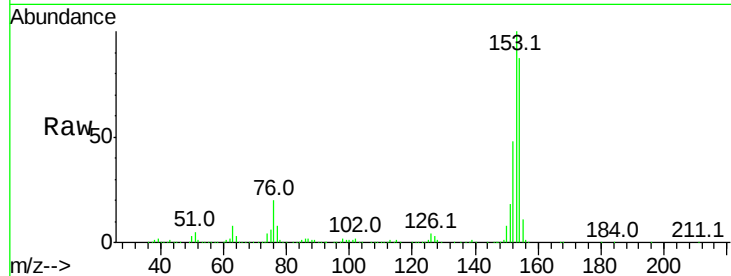
ClientSampleId :

PB105579BS

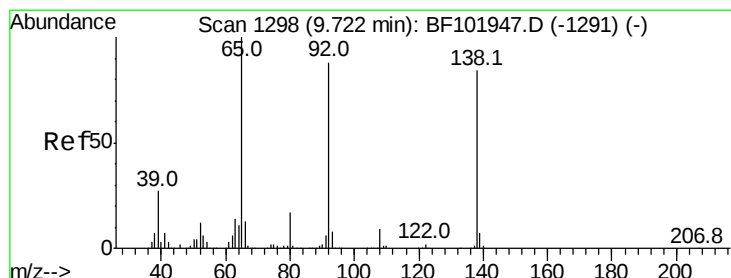
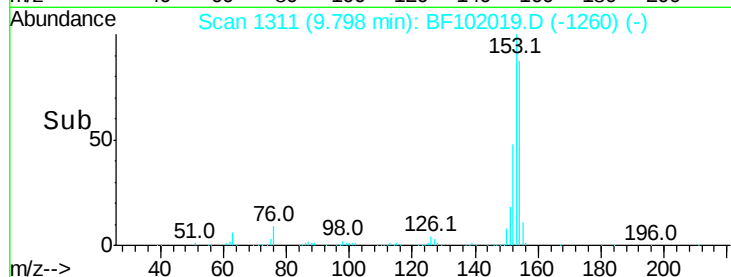
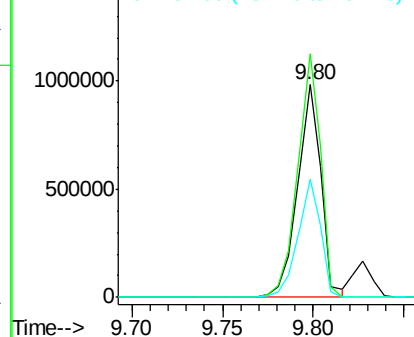
Tot Ion:	154	Resp:	893852
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	55.5	43.8	65.8

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



#52

3-Nitroaniline

Concen: 21.390 ng

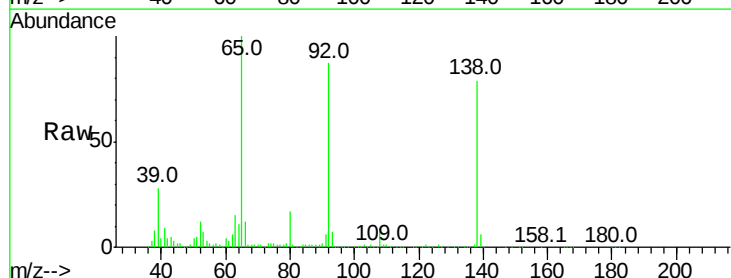
RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

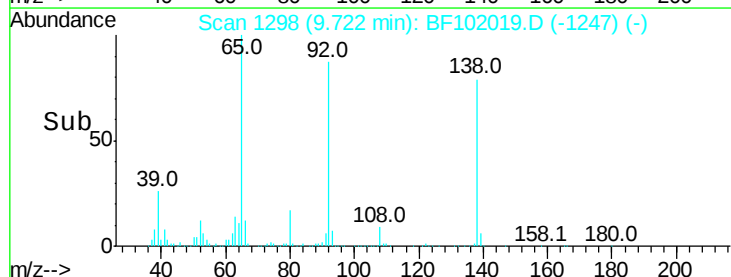
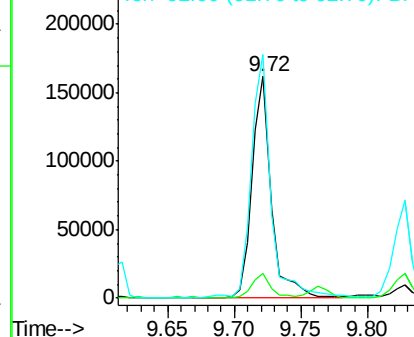
Lab File: BF102019.D

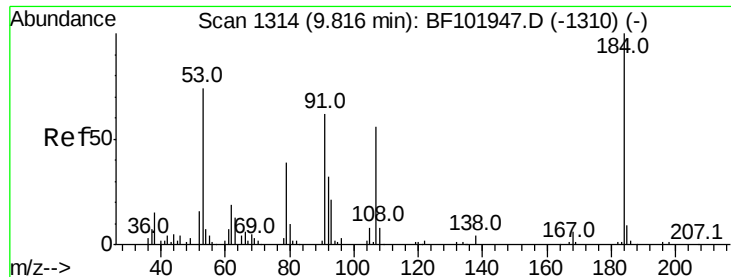
Acq: 11 Jan 2018 15:38

Tgt Ion:	138	Resp:	160772
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.4	14.0
92	109.9	89.4	134.2



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





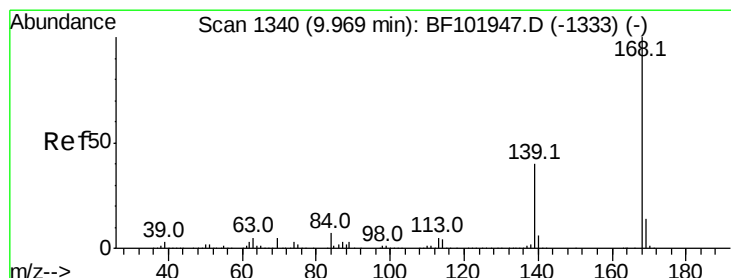
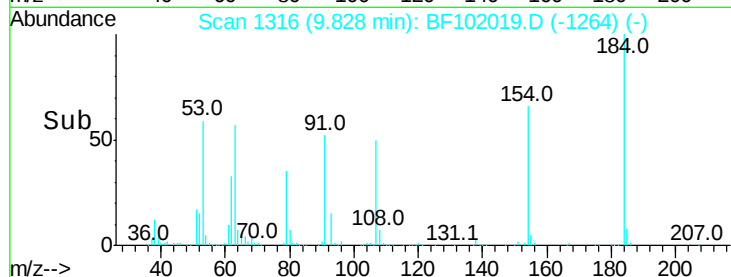
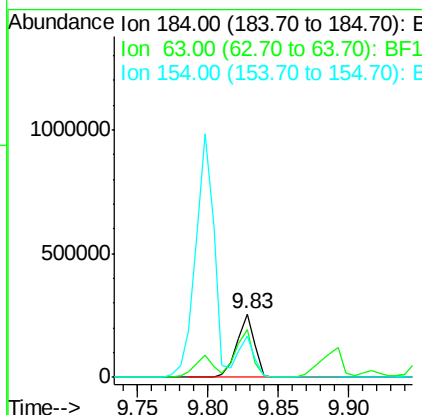
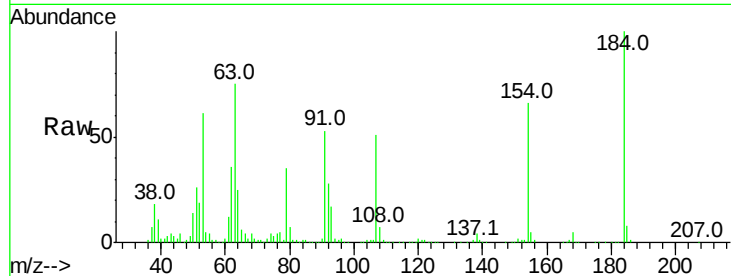
#53
2,4-Dinitrophenol
Concen: 96.415 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.6	54.2	81.2
154	65.8	184.0	276.0#

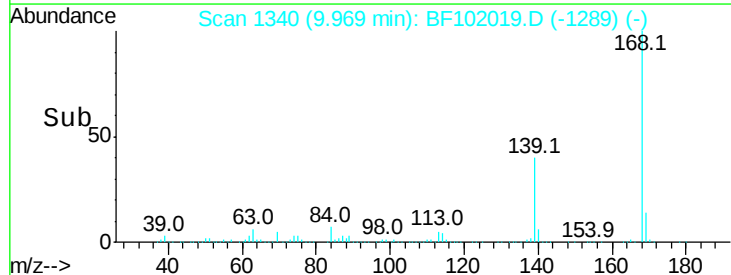
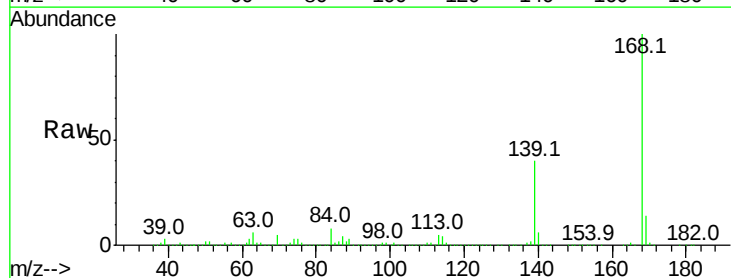
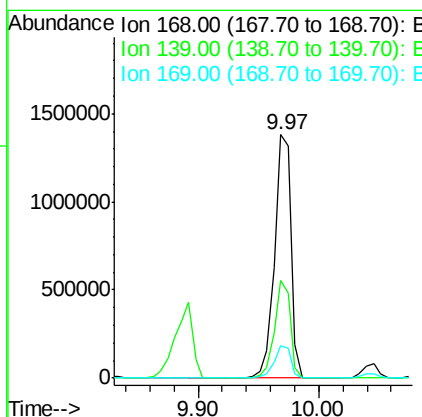
Manual Integrations
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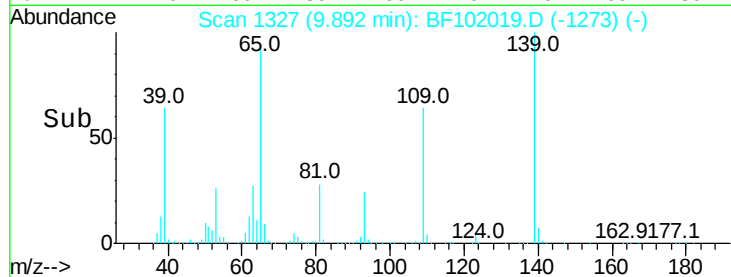
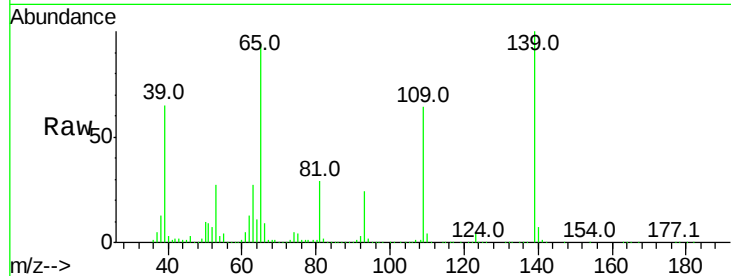
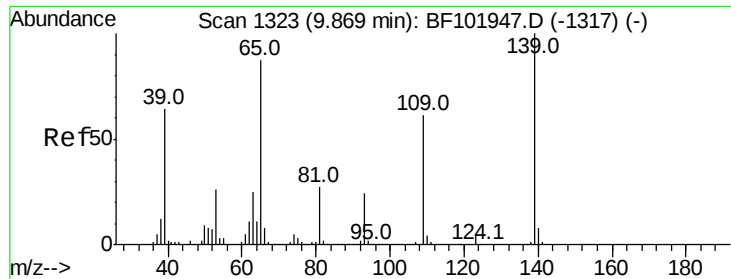
Sohil
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#54
Dibenzofuran
Concen: 39.093 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.1	45.1
169	13.5	10.9	16.3





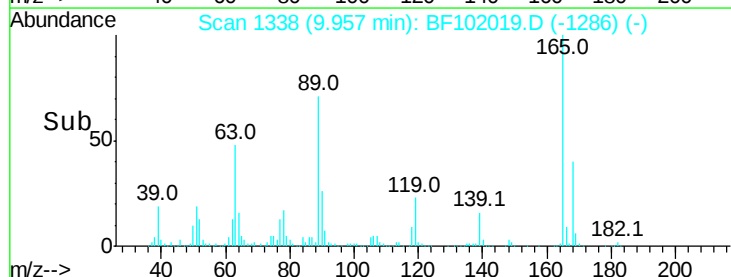
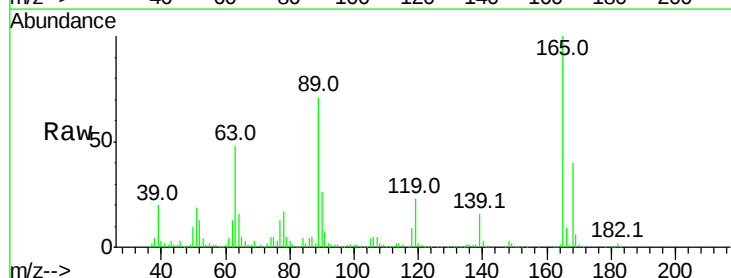
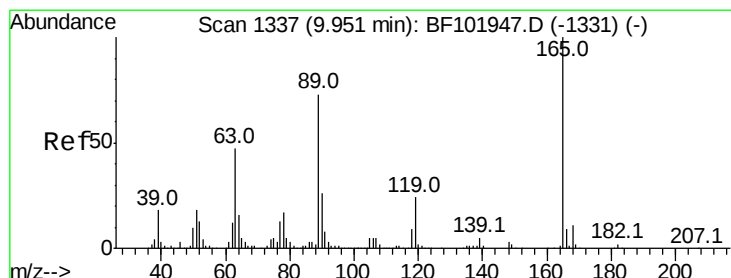
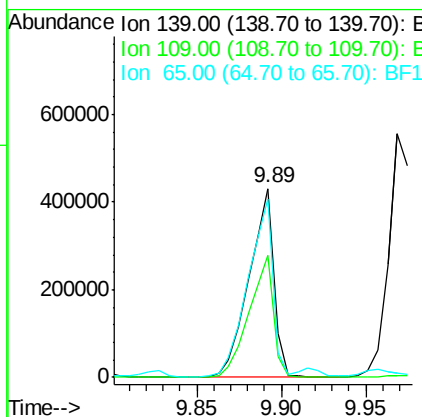
#55
4-Nitrophenol
Concen: 80.035 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.5	48.4	88.4	
65	94.4	72.6	112.6	

Instrument :
BNA_F
ClientSampleId :
PB105579BS

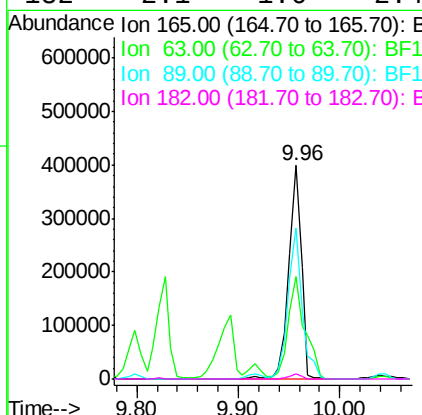
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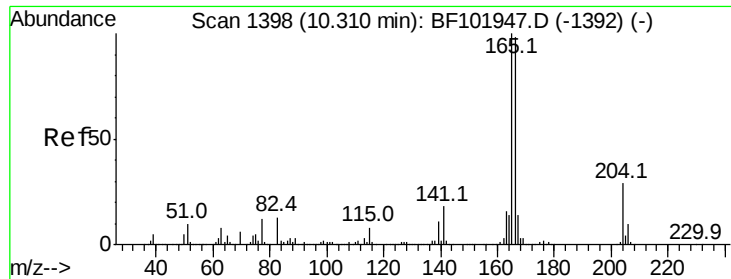
Sohil
1/12/2018 10:37:14 AM



#56
2,4-Dinitrotoluene
Concen: 46.380 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.1	36.4	54.6	
89	70.6	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 40.876 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

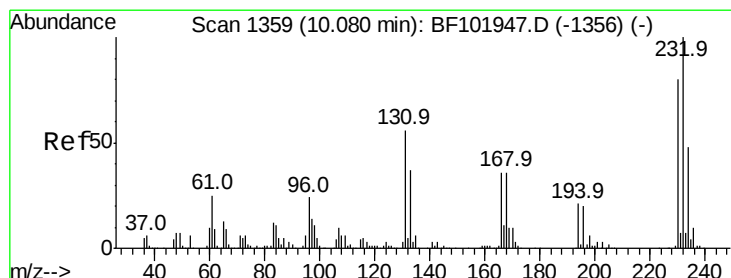
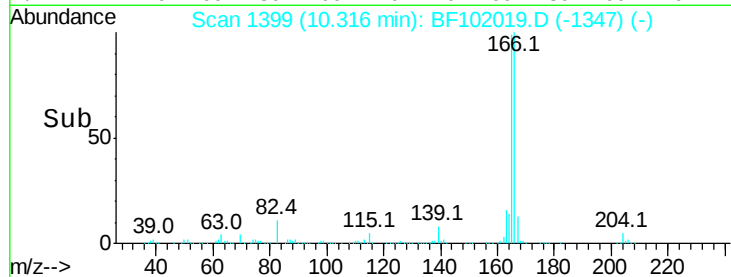
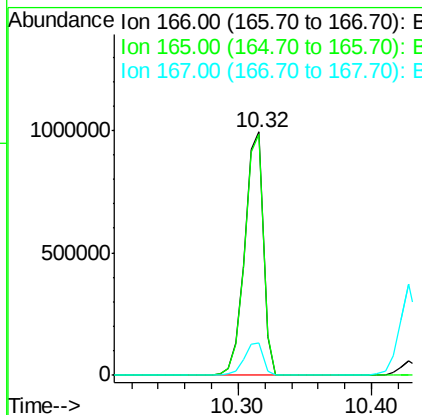
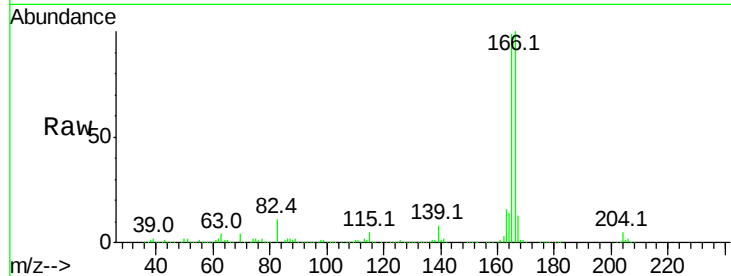
ClientSampleId :

PB105579BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	951586		
165	98.9	79.8	119.8	
167	13.1	10.6	16.0	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.329 ng

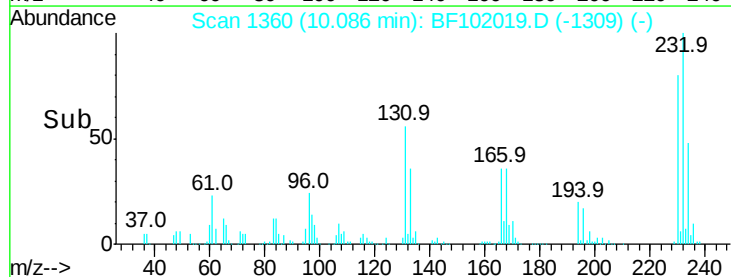
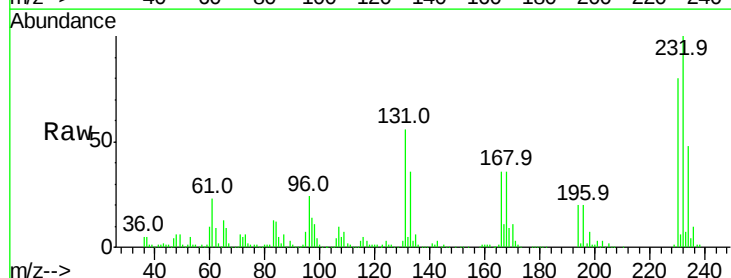
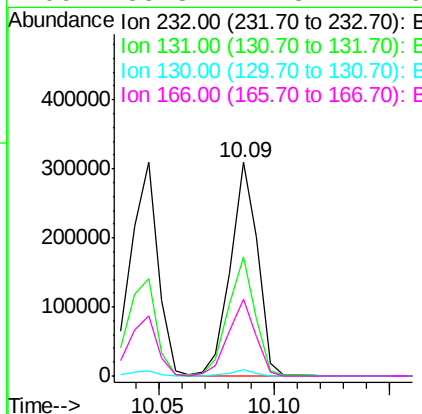
RT: 10.09 min Scan# 1360

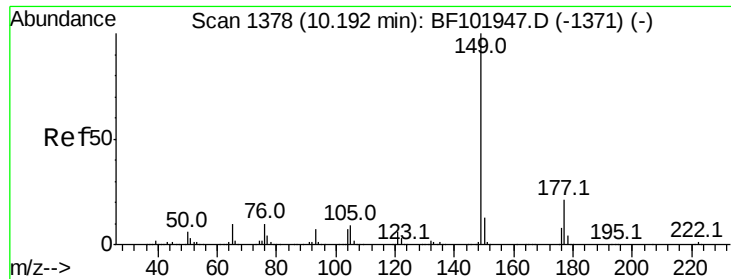
Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	252617		
131	55.4	43.8	65.8	
130	2.6	2.1	3.1	
166	35.8	27.8	41.6	





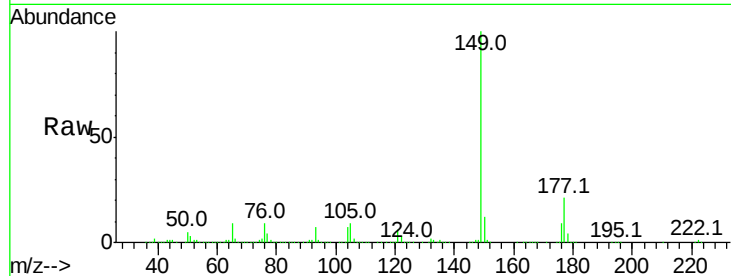
#59
Diethylphthalate
Concen: 38.347 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

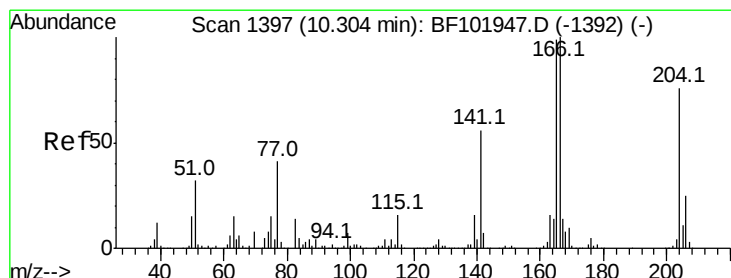
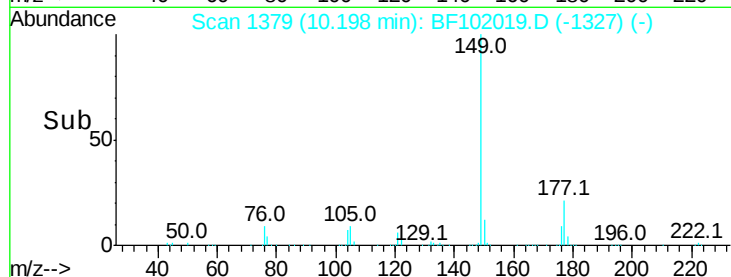
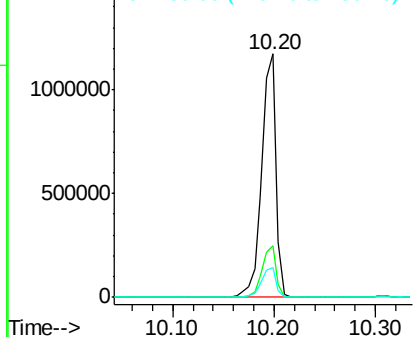
Tot Ion:149 Resp: 1137270
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.4 10.1 15.1

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Sohil
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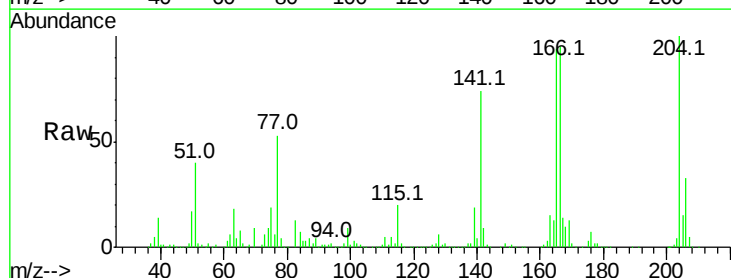


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

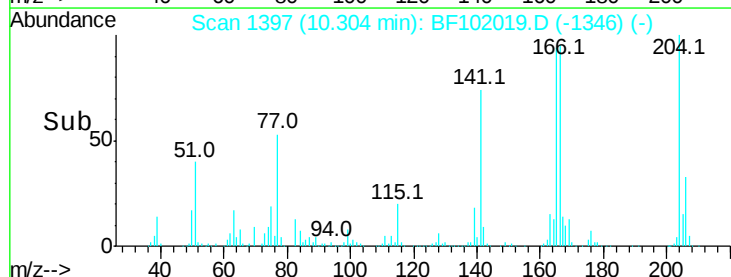
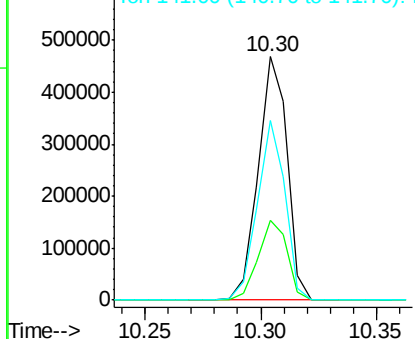


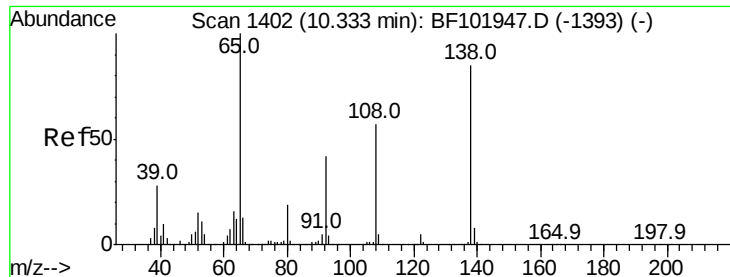
#60
4-Chlorophenyl-phenylether
Concen: 41.439 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion:204 Resp: 410784
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 73.9 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: 31.093 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

ClientSampleId :

PB105579BS

Tot Ion:138 Resp: 221790

Ion Ratio Lower Upper

138 100

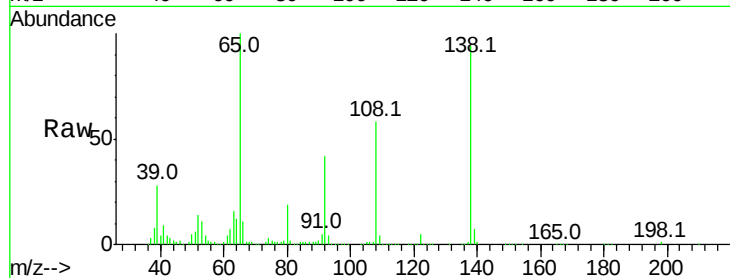
92 45.0 30.2 70.2

108 61.7 52.5 92.5

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Sohil

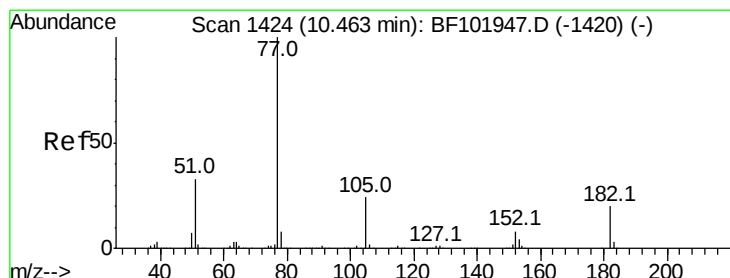
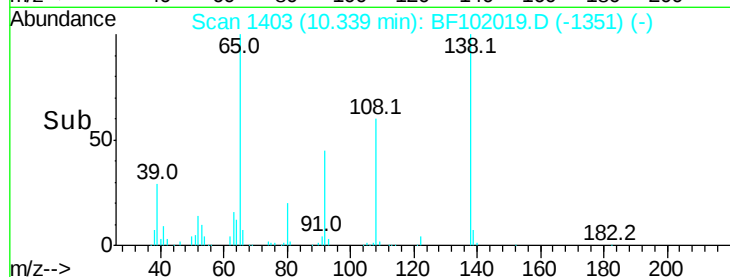
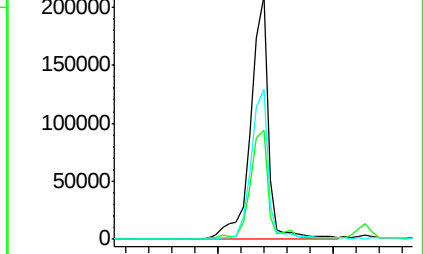
1/12/2018 10:37:14 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.310 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Tgt Ion: 77 Resp: 1130413

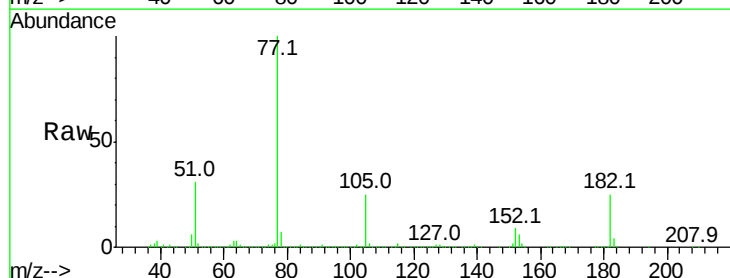
Ion Ratio Lower Upper

77 100

182 25.2 1.7 41.7

105 24.7 3.0 43.0

51 30.8 9.9 49.9

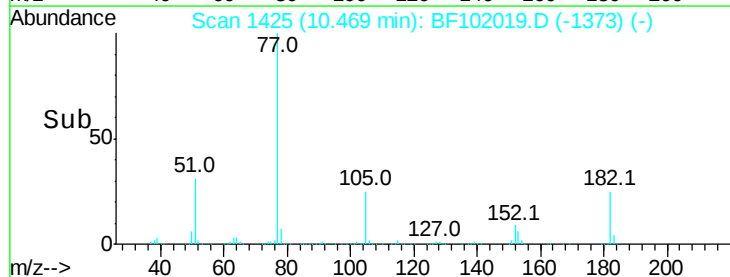
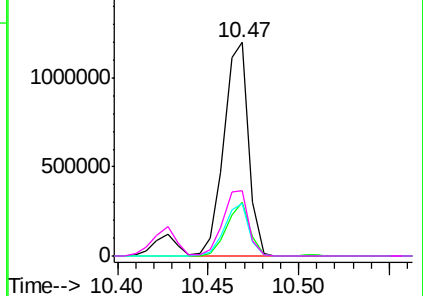


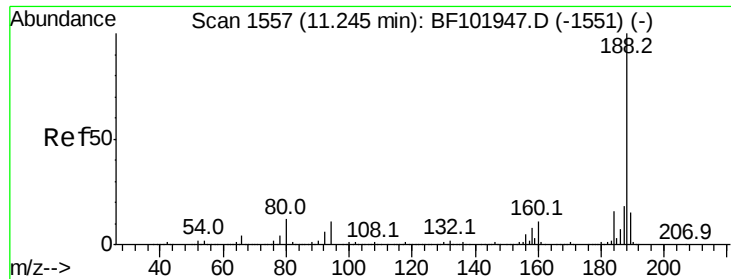
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





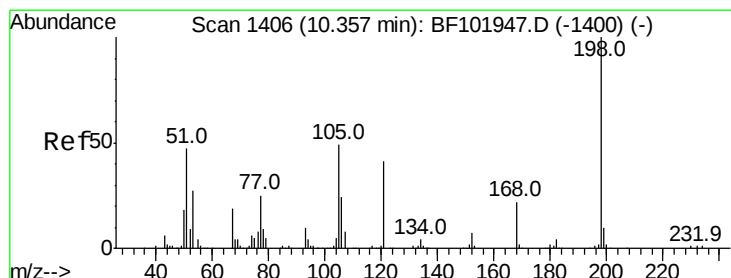
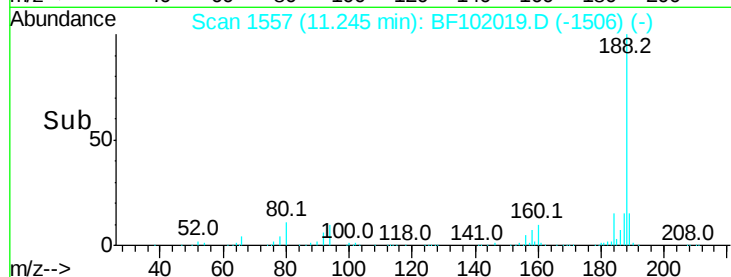
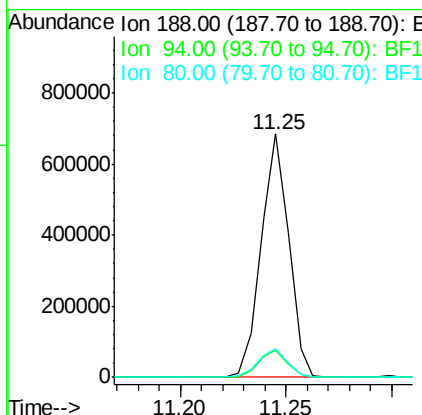
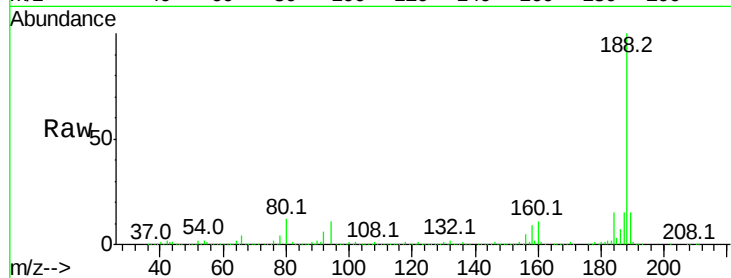
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	8.5	12.7
80	11.6	9.2	13.8

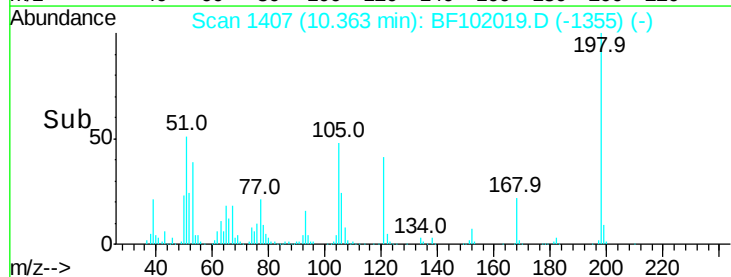
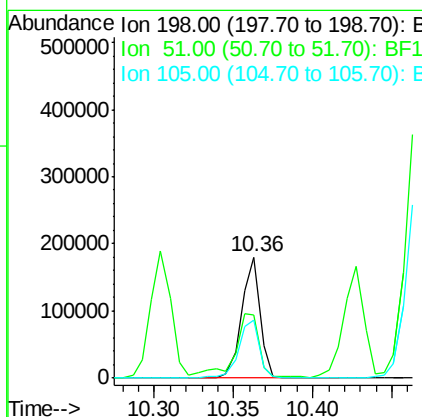
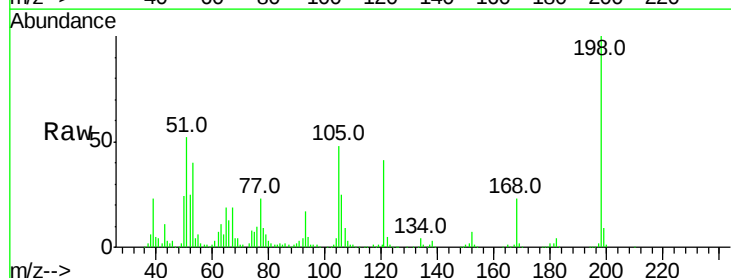
Manual Integrations
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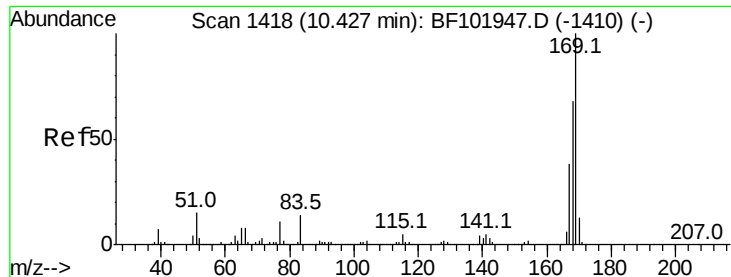
Sohil
1/12/2018 10:37:14 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.239 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	52.3	37.7	77.7
105	48.1	36.3	76.3





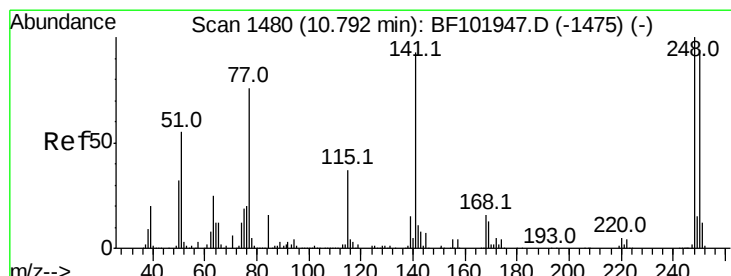
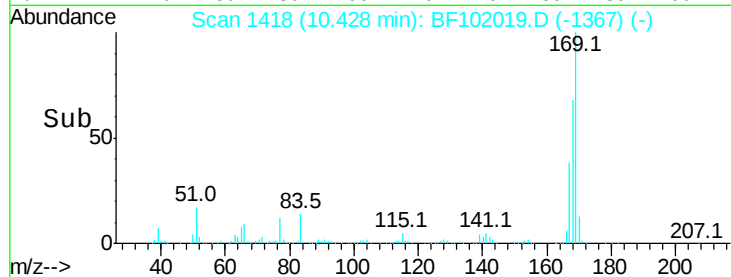
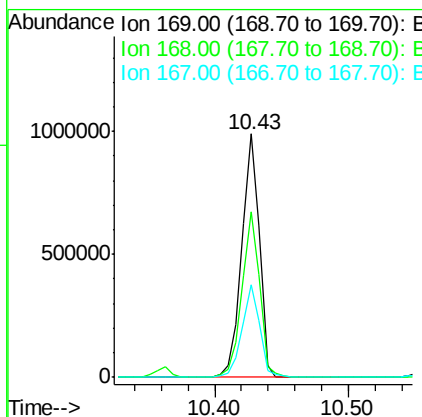
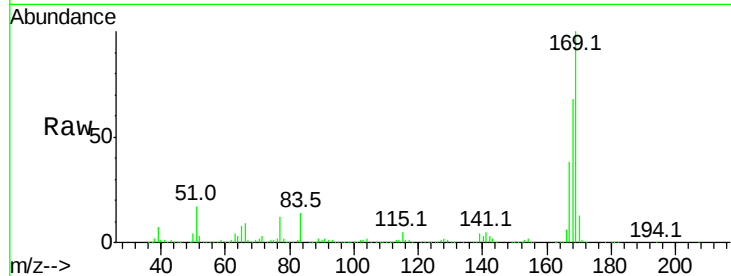
#65
n-Nitrosodiphenylamine
Concen: 38.663 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	37.8	29.8	44.6

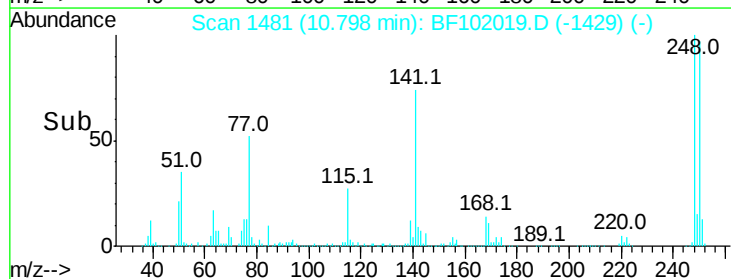
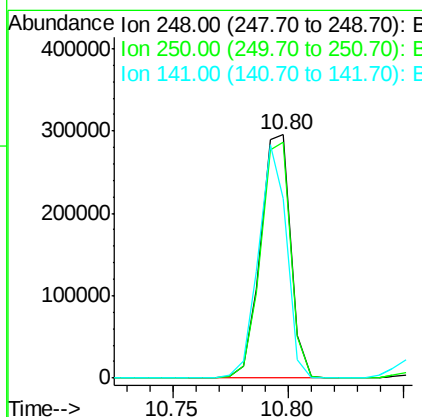
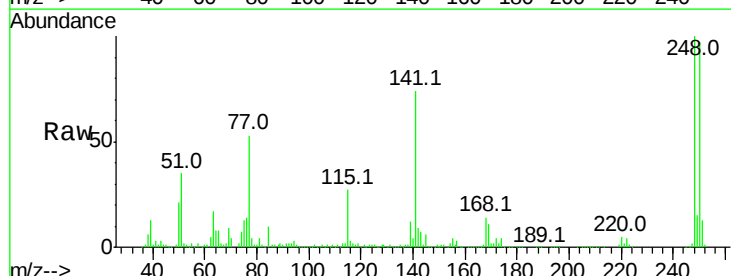
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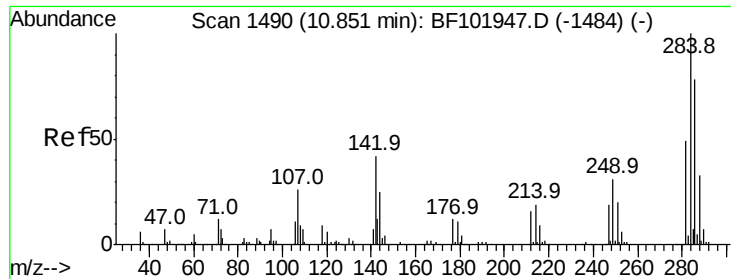
Sohil
1/12/2018 10:37:14 AM



#66
4-Bromophenyl-phenylether
Concen: 40.863 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	73.7	74.4	111.6#





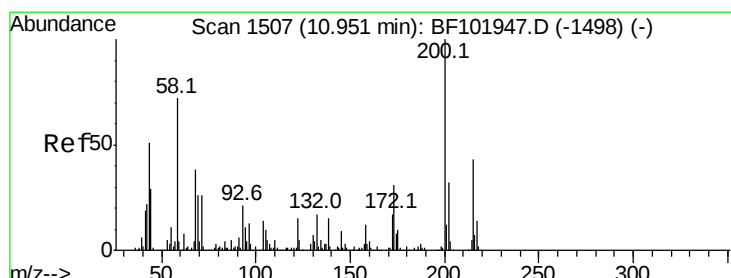
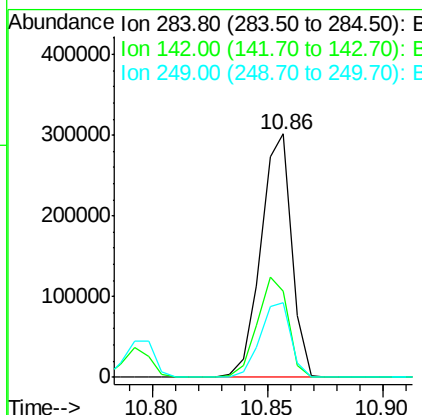
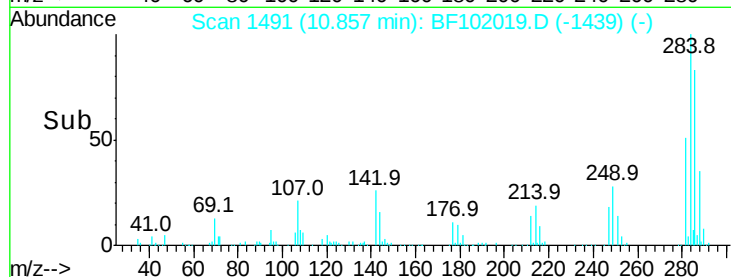
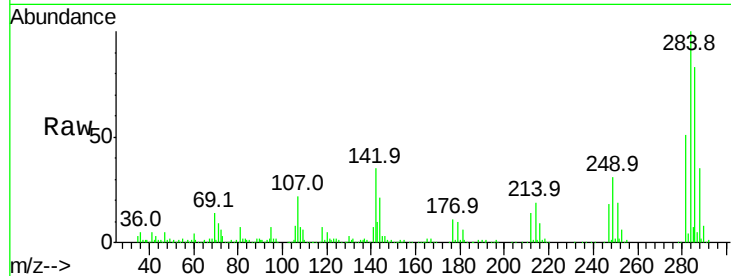
#67
Hexachlorobenzene
Concen: 38.872 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	279972		
142	35.2		34.6	52.0
249	30.7		24.8	37.2

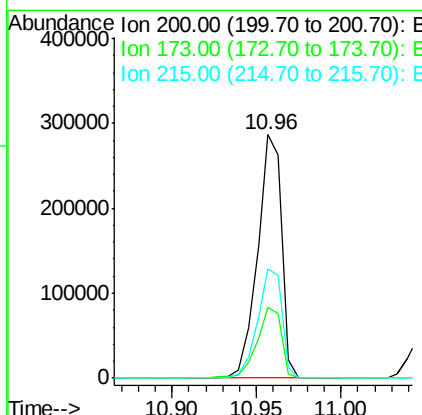
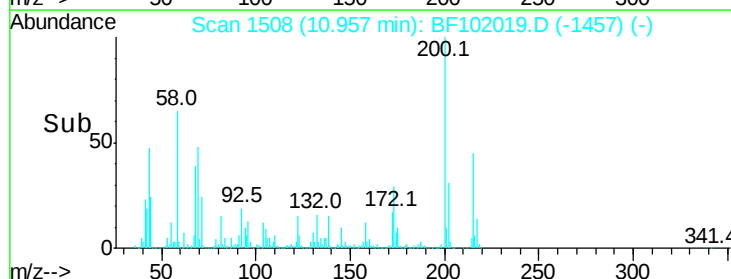
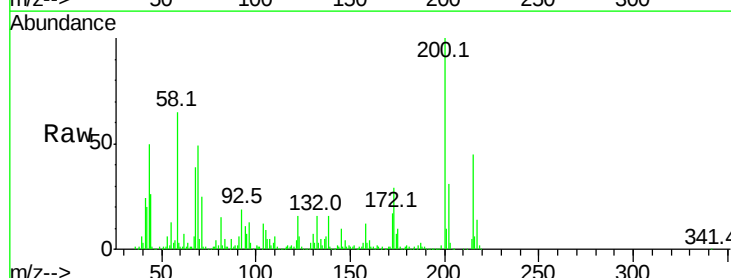
Manual Integrations
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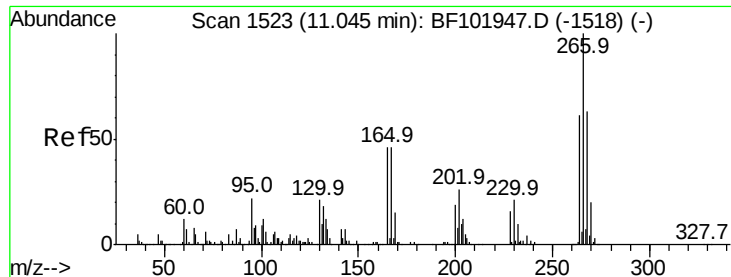
Sohil
1/12/2018 10:37:14 AM



#68
Atrazine
Concen: 41.845 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	282906		
173	29.3		8.6	48.6
215	45.0		25.1	65.1





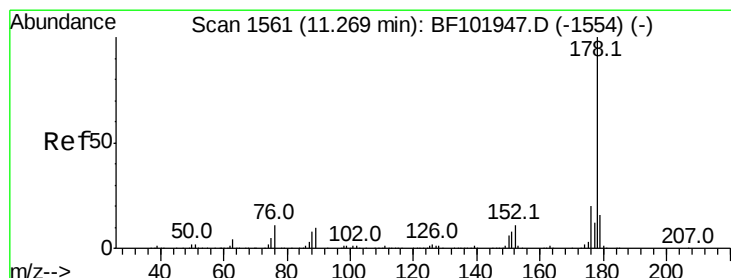
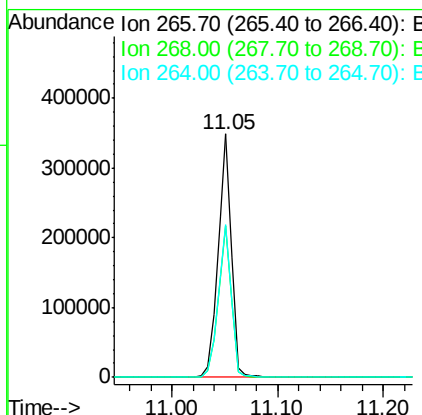
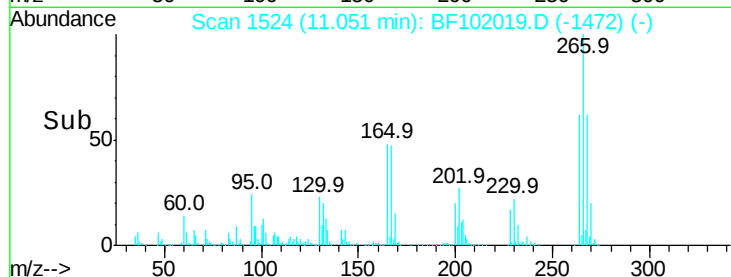
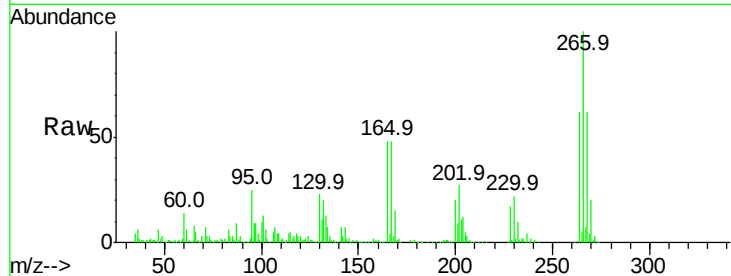
#69
 Pentachlorophenol
 Concen: 71.027 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB105579BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.1	51.1	76.7	
264	62.5	49.5	74.3	

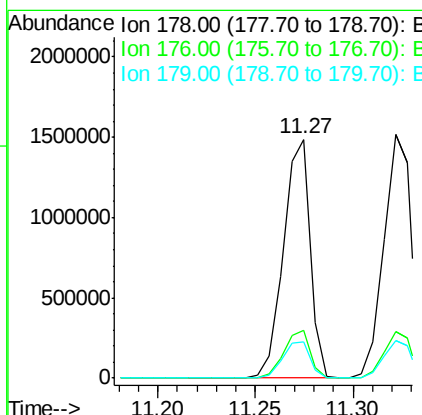
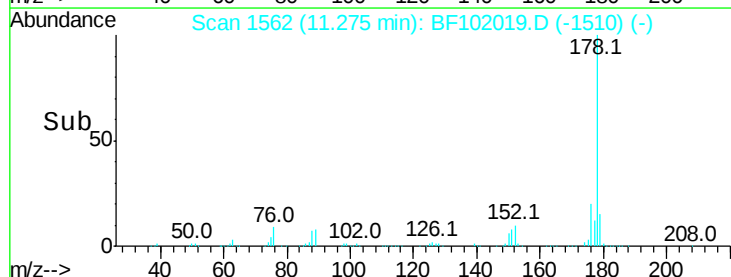
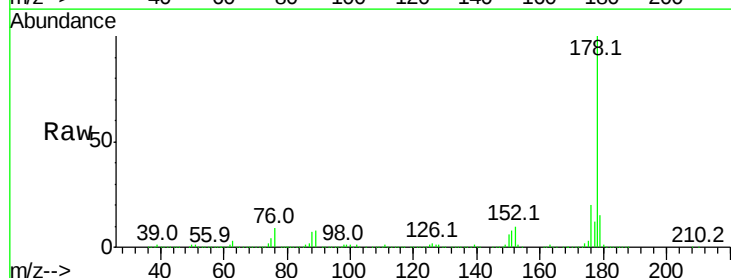
Manual Integrations
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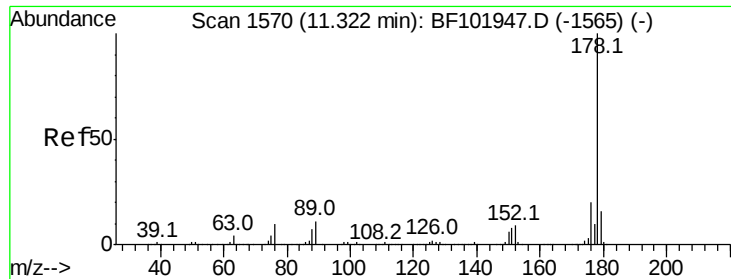
Sohil
 1/12/2018 10:37:14 AM



#70
 Phenanthrene
 Concen: 38.500 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.2	15.8	23.8	
179	15.3	13.0	19.6	





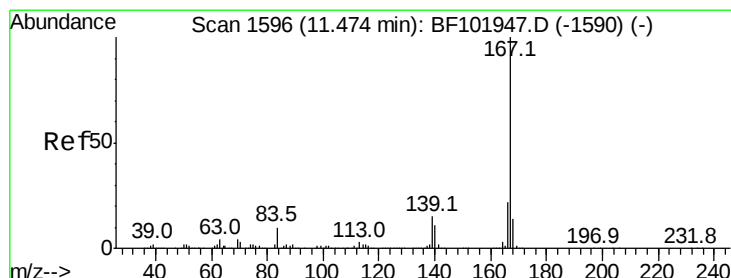
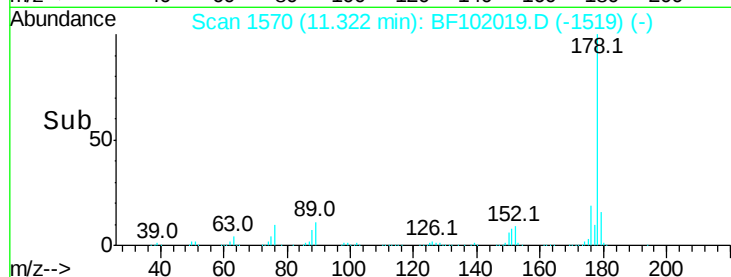
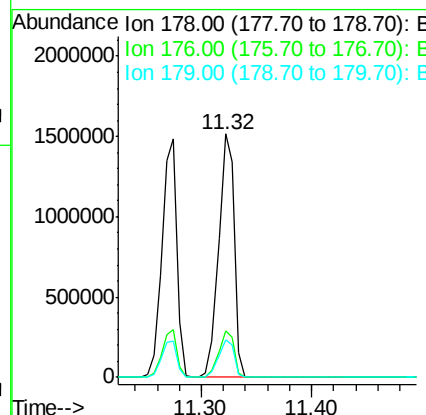
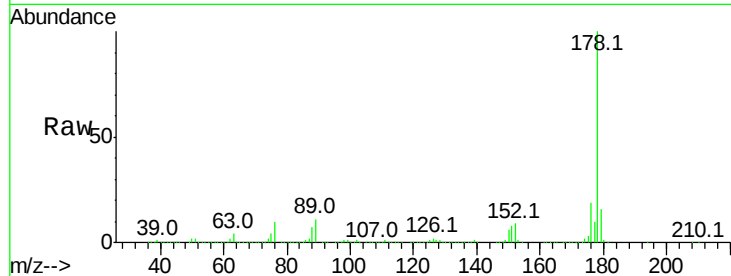
#71
 Anthracene
 Concen: 39.542 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB105579BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0

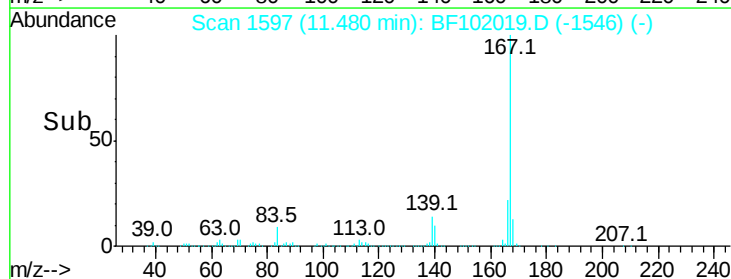
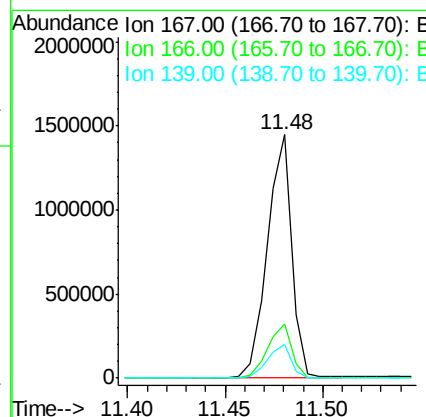
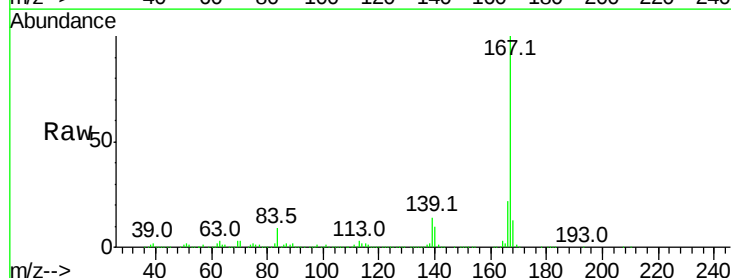
Manual Integrations
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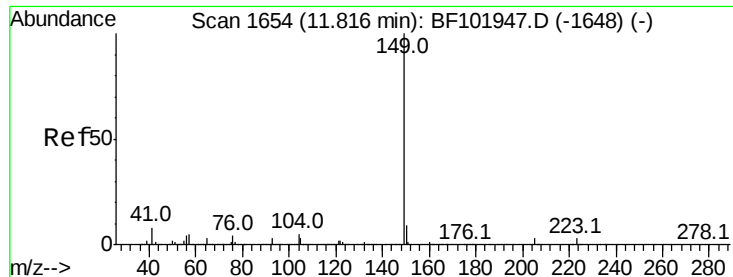
Sohil
 1/12/2018 10:37:14 AM



#72
 Carbazole
 Concen: 34.393 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.144 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

ClientSampleId :

PB105579BS

Tot Ion:149 Resp: 1702371

Ion Ratio Lower Upper

149 100

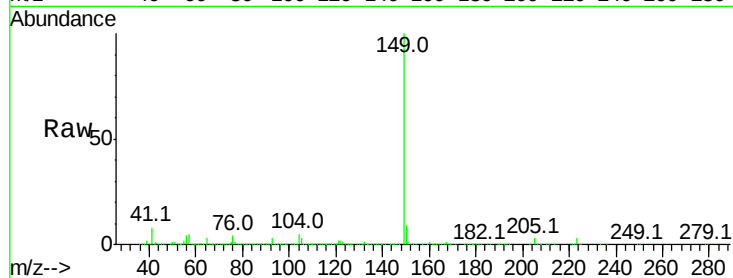
150 9.2 7.8 11.6

104 4.8 3.8 5.8

Manual Integrations
APPROVED

Sohil

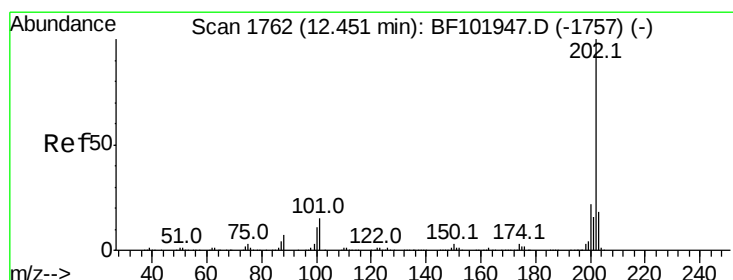
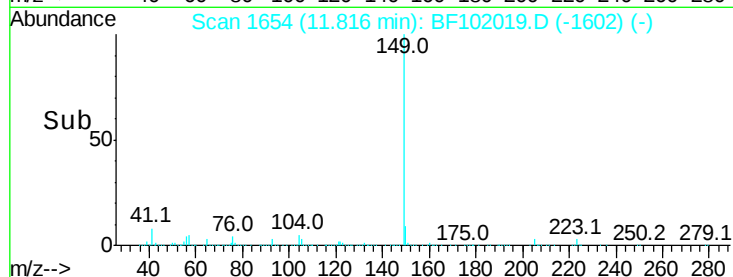
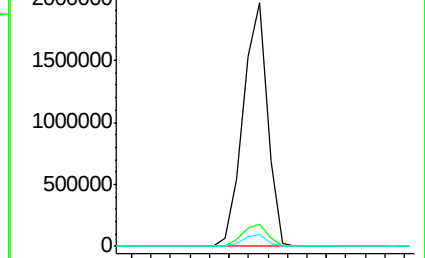
1/12/2018 10:37:14 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.825 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

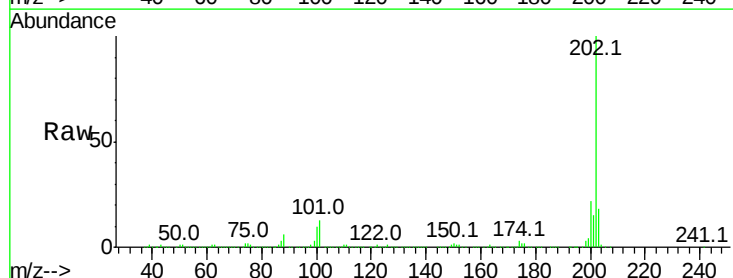
Tgt Ion:202 Resp: 1358065

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

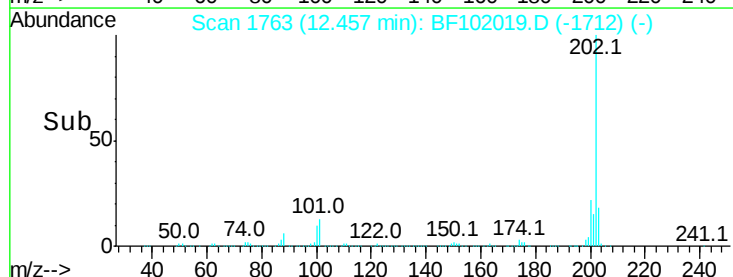
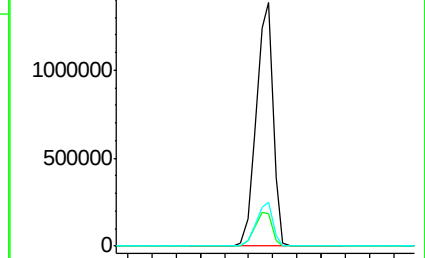
203 17.9 0.0 38.1

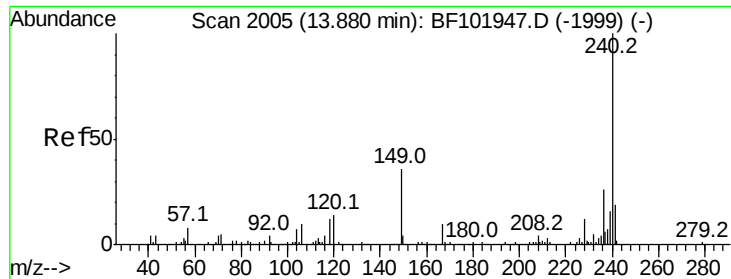


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

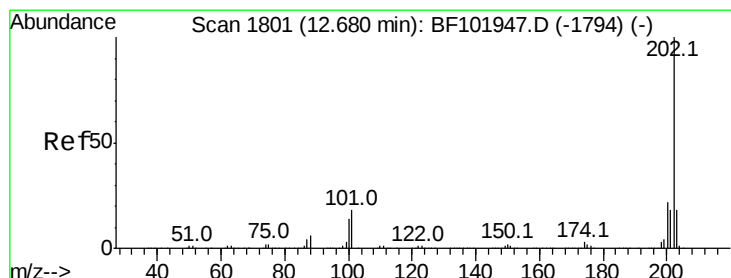
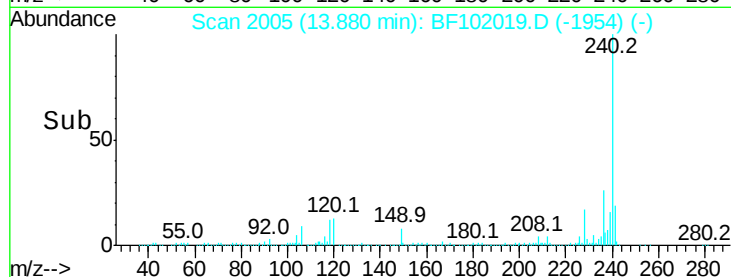
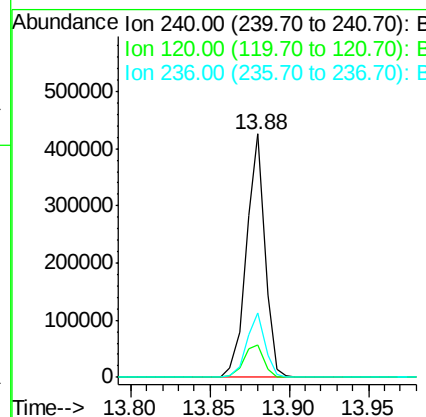
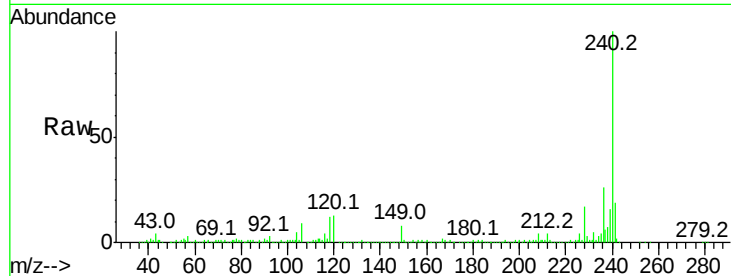
ClientSampleId :

PB105579BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.1	9.5	14.3	
236	26.3	20.7	31.1	

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#77

Pyrene

Concen: 44.954 ng

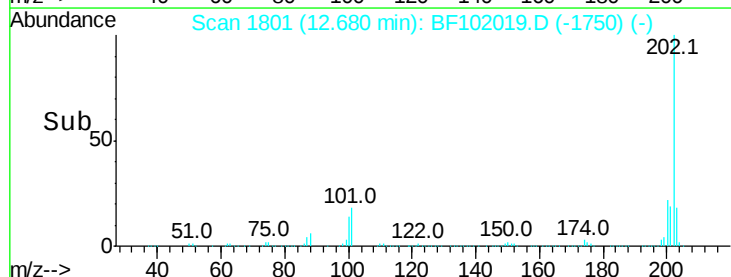
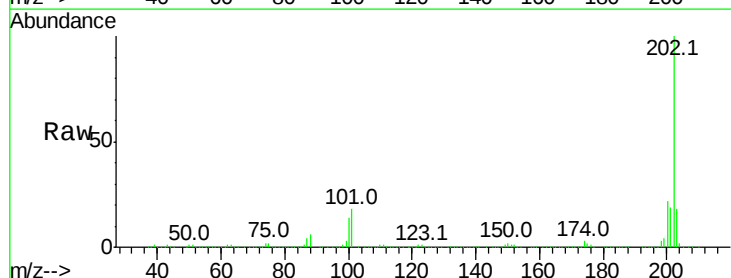
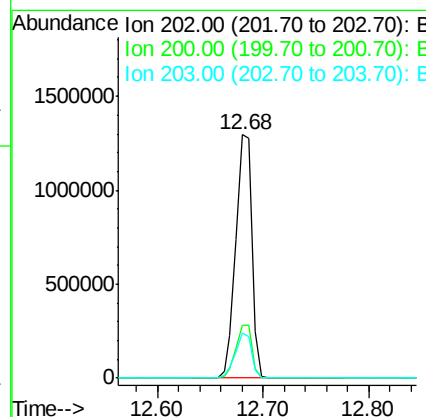
RT: 12.68 min Scan# 1801

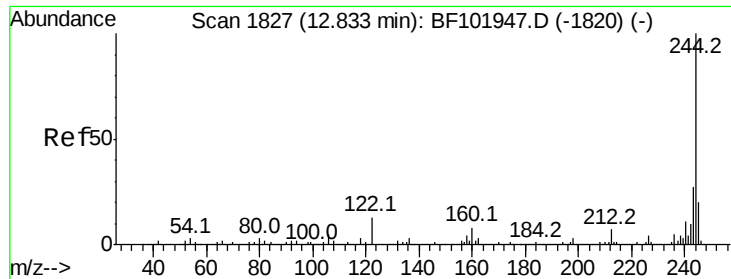
Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8	17.4	26.2	
203	18.5	14.3	21.5	





#78
 Terphenyl-d14
 Concen: 98.526 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

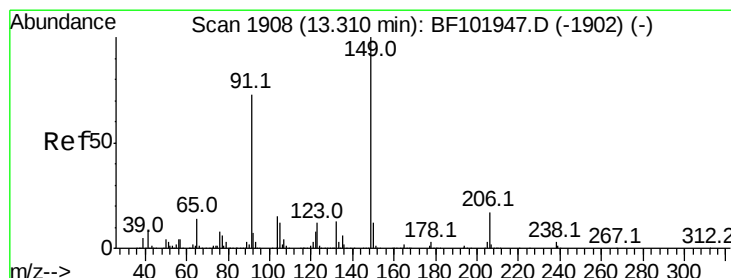
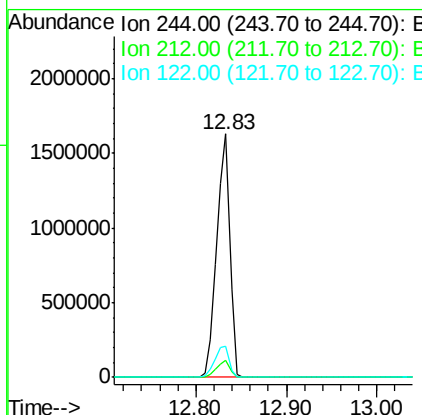
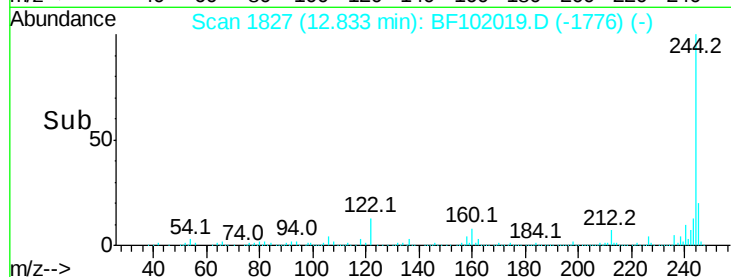
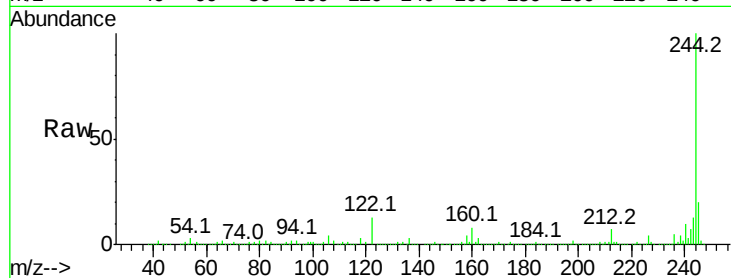
Instrument :
 BNA_F
 ClientSampleId :
 PB105579BS

Tot Ion:244 Resp: 1622724

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	11.0	16.4

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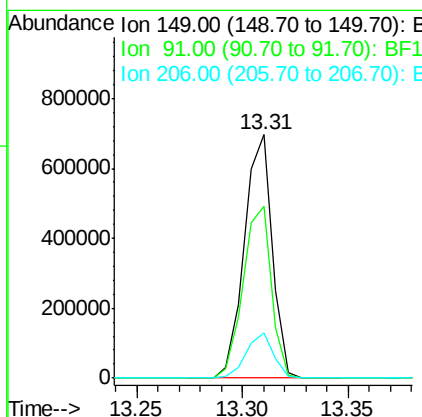
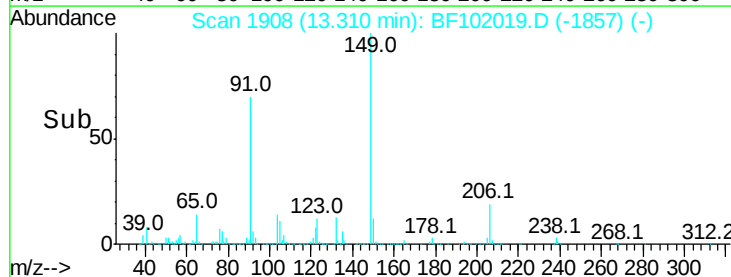
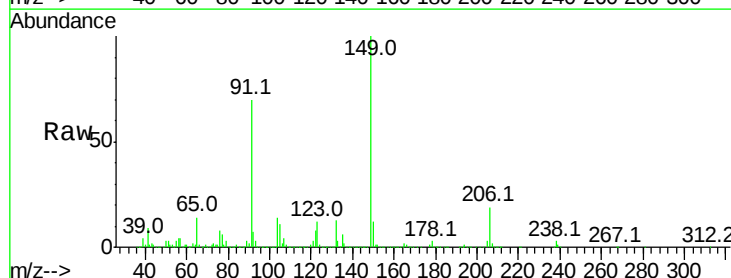
Sohil
 1/12/2018 10:37:14 AM

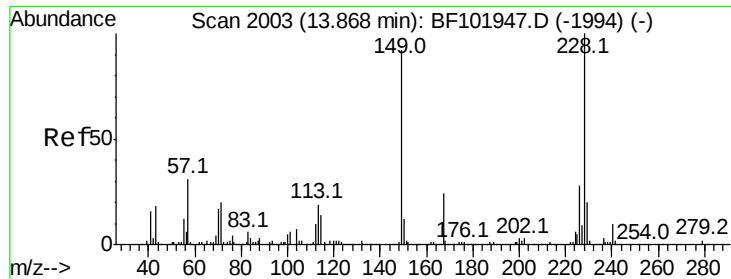


#79
 Butylbenzylphthalate
 Concen: 45.787 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BF102019.D
 Acq: 11 Jan 2018 15:38

Tgt Ion:149 Resp: 635161

Ion	Ratio	Lower	Upper
149	100		
91	70.4	56.8	85.2
206	18.6	14.1	21.1





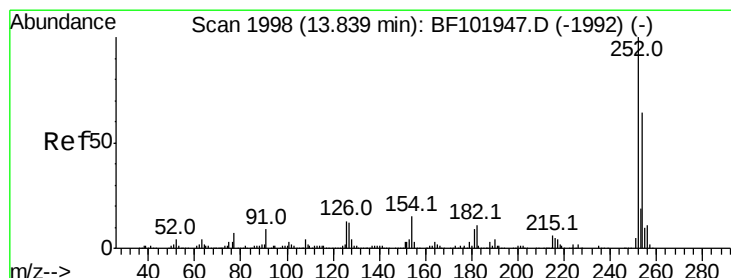
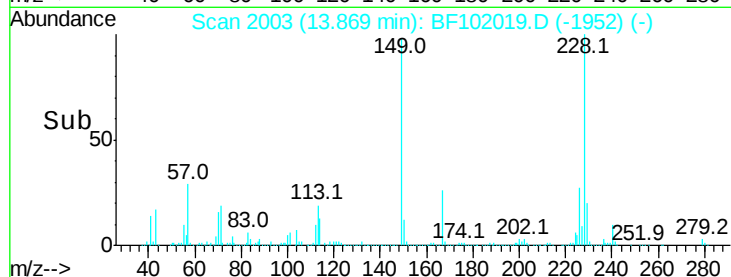
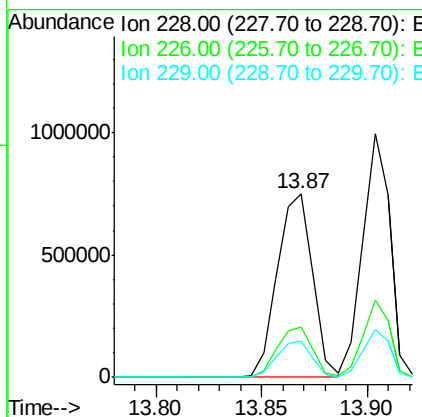
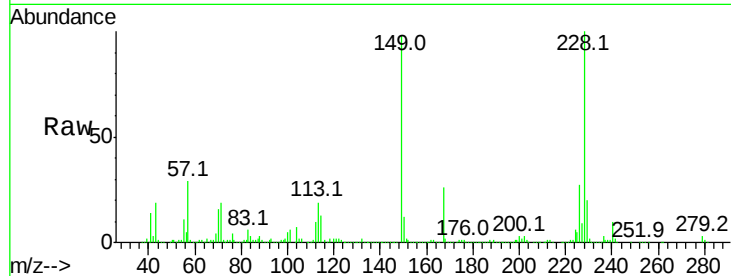
#80
Benzo(a)anthracene
Concen: 40.016 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.9	15.8	23.6

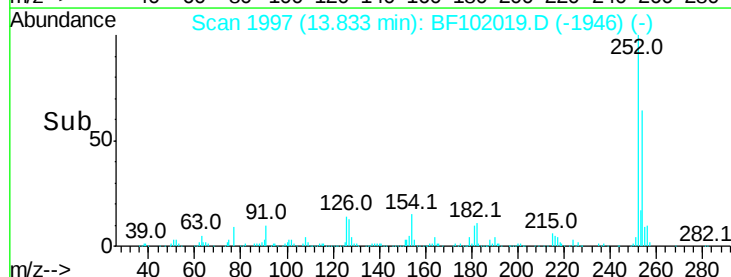
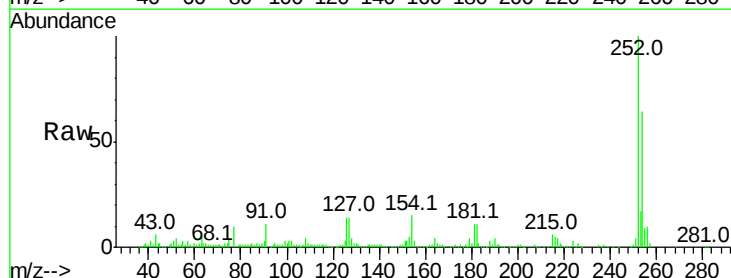
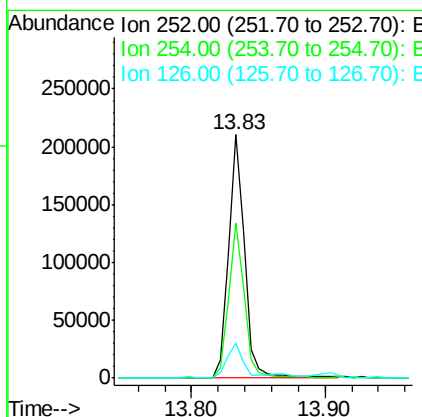
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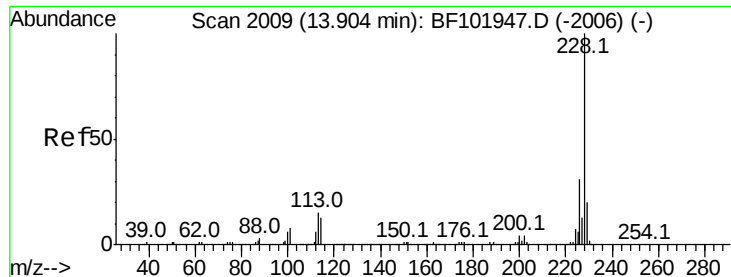
Sohil
1/12/2018 10:37:14 AM



#81
3,3'-Dichlorobenzidine
Concen: 22.275 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	14.2	11.3	16.9





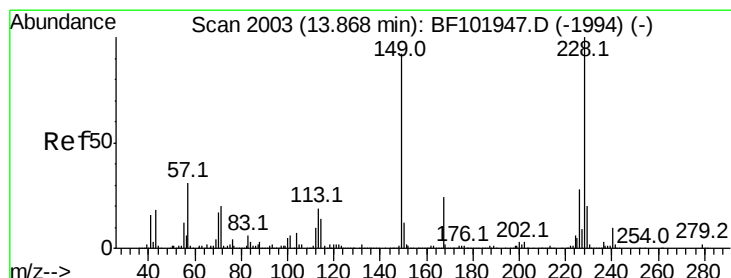
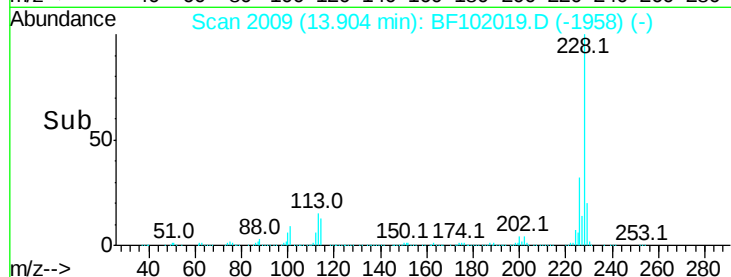
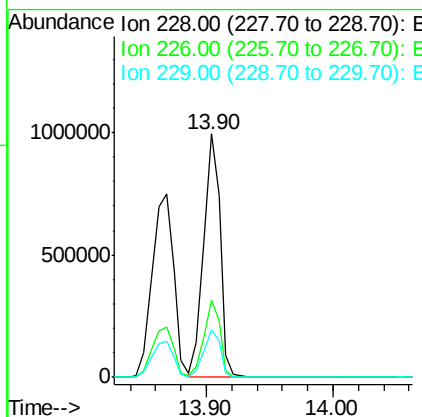
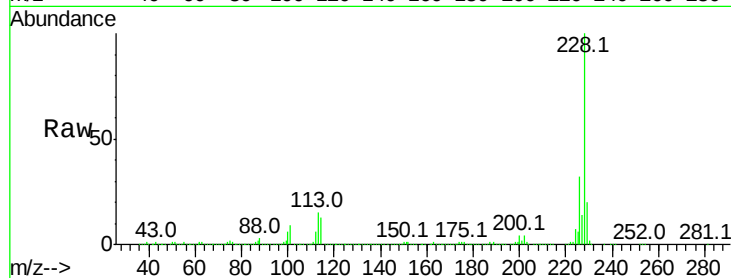
#82
Chrysene
Concen: 39.558 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.6	16.2	24.4

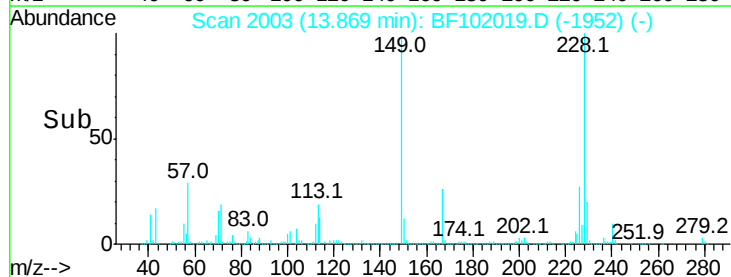
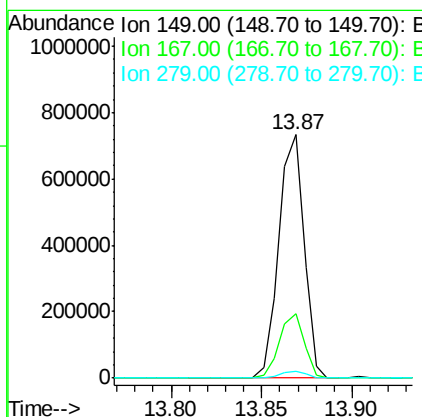
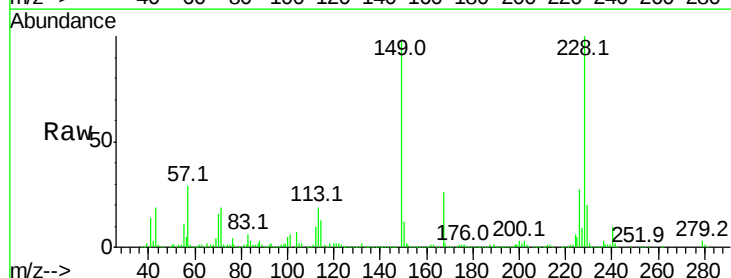
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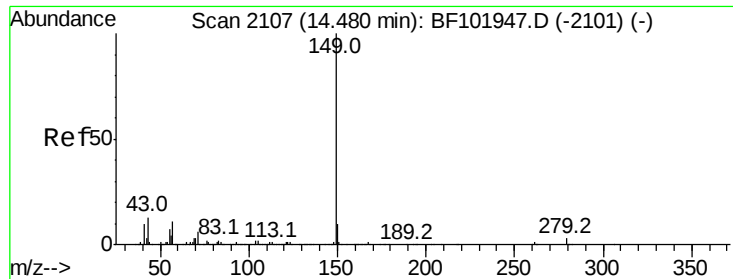
Sohil
1/12/2018 10:37:14 AM



#83
Bis(2-ethylhexyl)phthalate
Concen: 44.665 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

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





#84

Di-n-octyl phthalate

Concen: 45.040 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

Instrument :

BNA_F

ClientSampleId :

PB105579BS

Tot Ion:149 Resp: 1189372

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

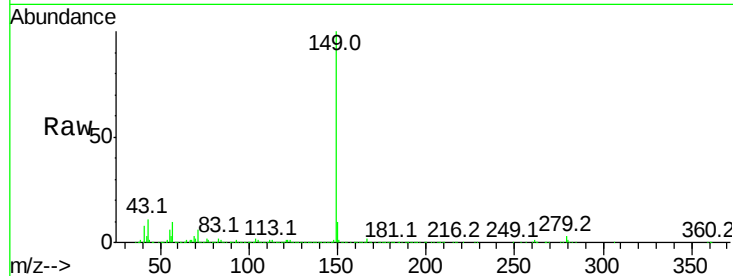
43 11.3 8.4 12.6

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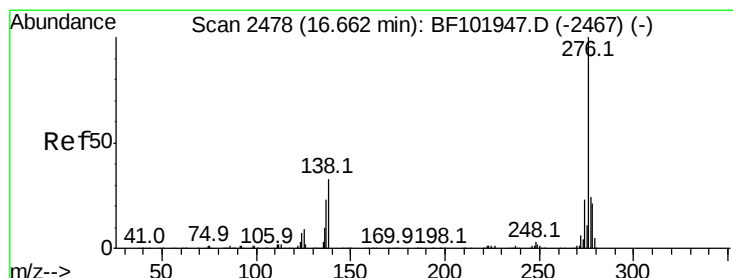
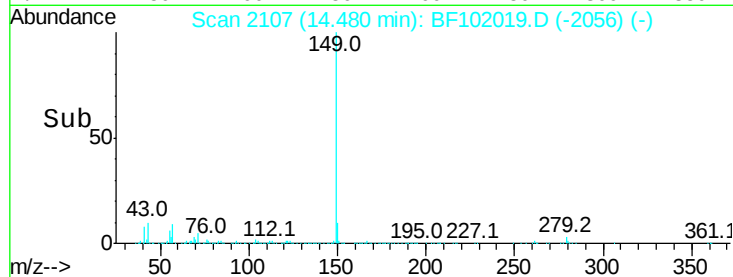
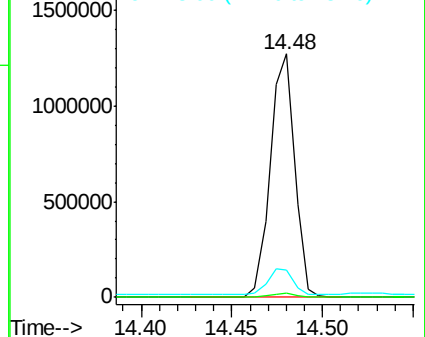
1/12/2018 10:37:14 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 57.911 ng

RT: 16.67 min Scan# 2480

Delta R.T. 0.01 min

Lab File: BF102019.D

Acq: 11 Jan 2018 15:38

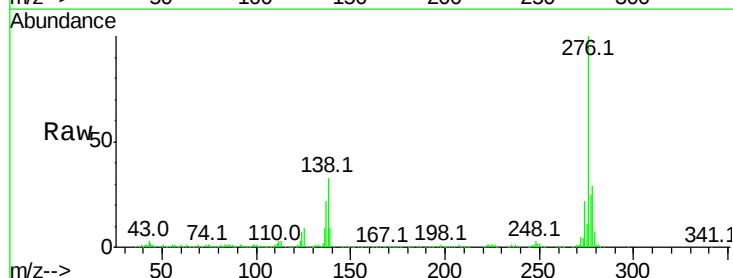
Tgt Ion:276 Resp: 958918

Ion Ratio Lower Upper

276 100

138 35.9 25.0 37.6

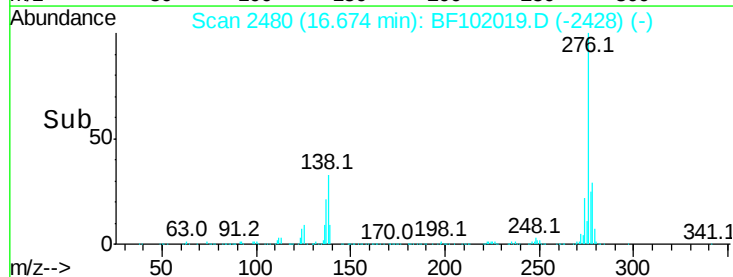
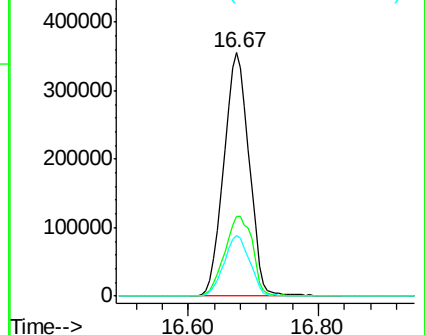
277 25.4 20.1 30.1

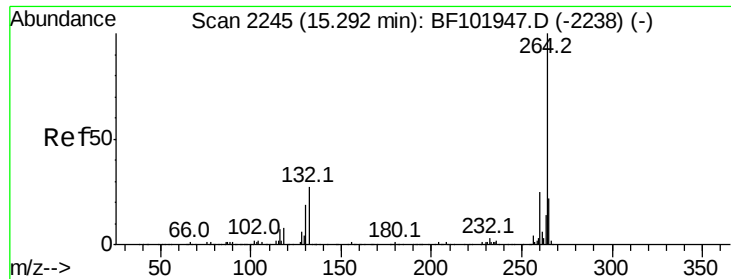


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





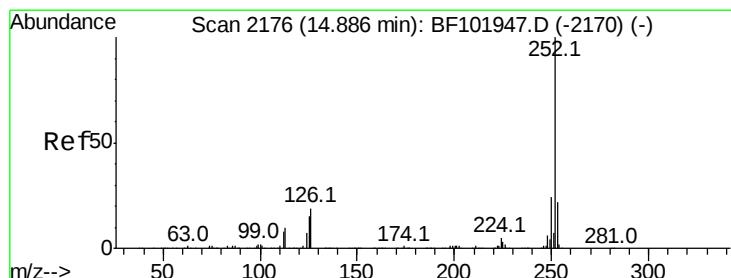
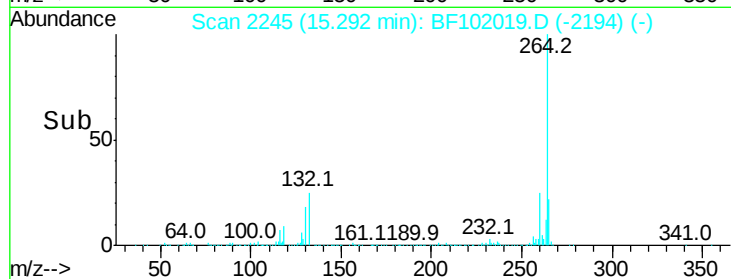
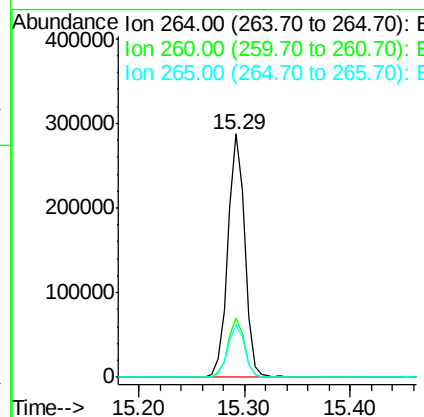
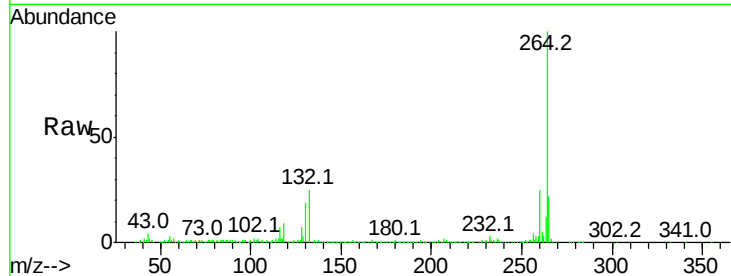
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3

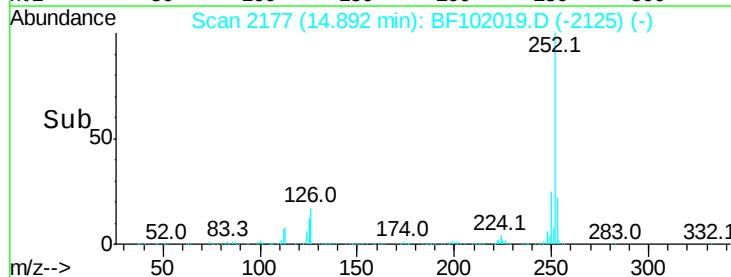
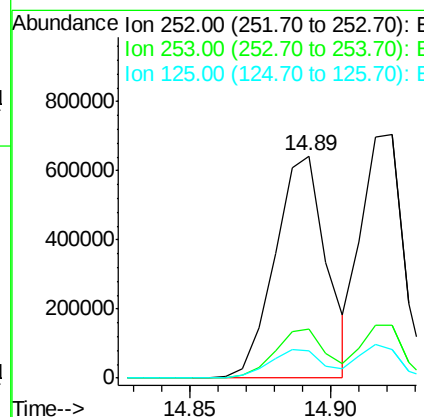
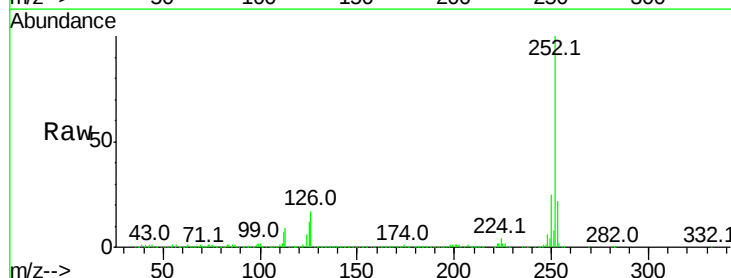
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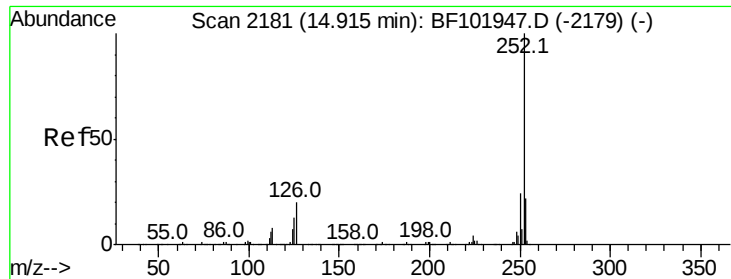
Sohil
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#87
Benzo(b)fluoranthene
Concen: 38.894 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.3	9.0	13.6





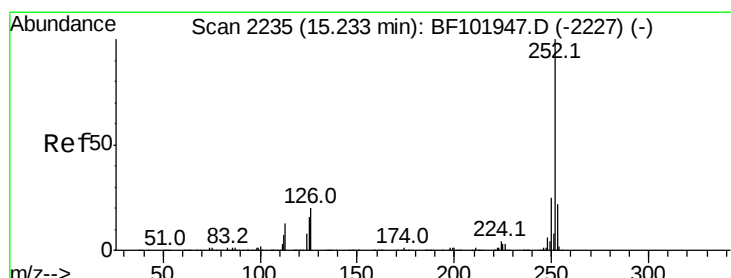
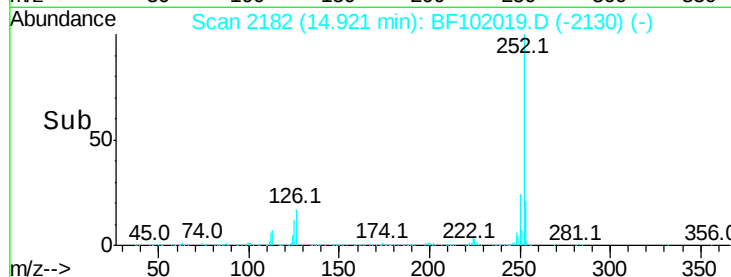
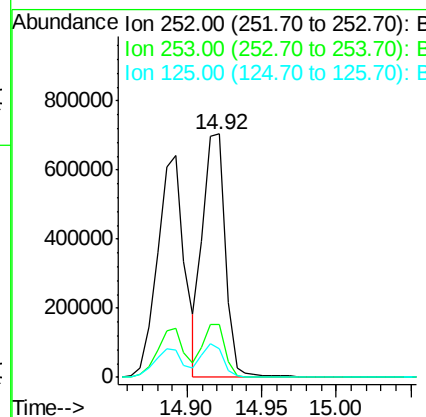
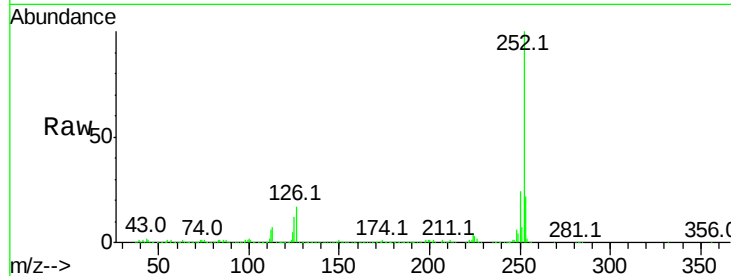
#88
Benzo(k)fluoranthene
Concen: 36.169 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.8	10.2	15.2

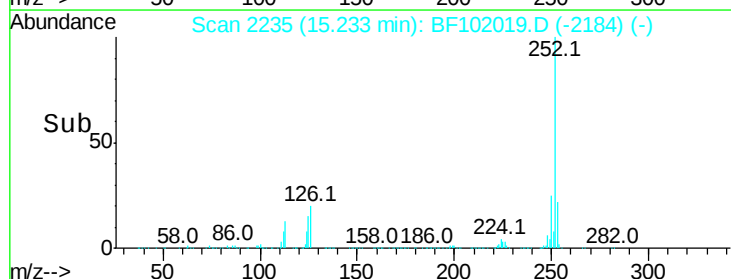
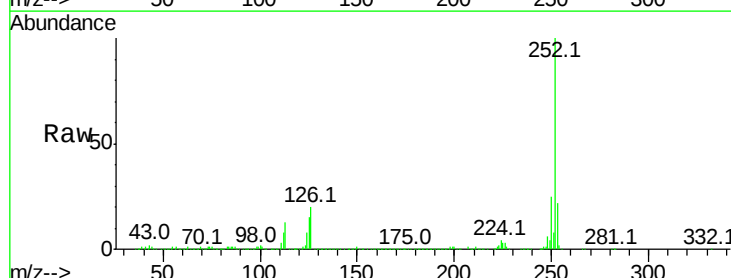
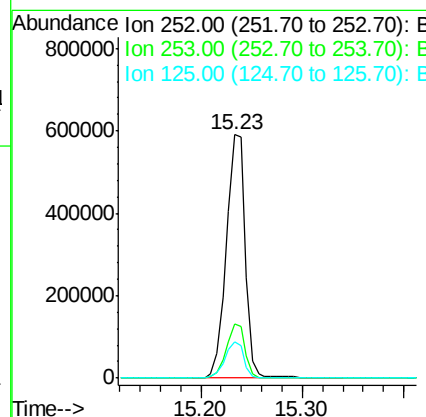
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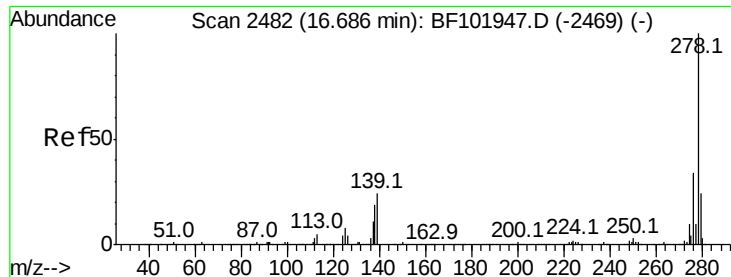
Sohil
1/12/2018 10:37:14 AM



#89
Benzo(a)pyrene
Concen: 40.545 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	15.1	9.8	14.6





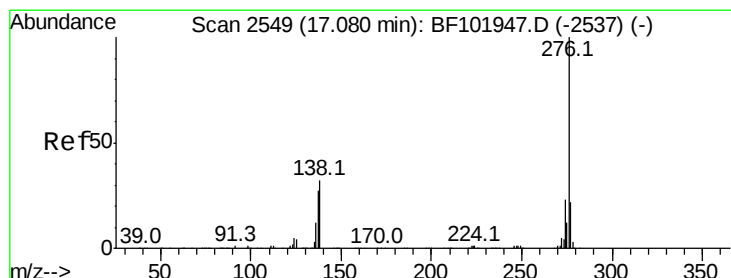
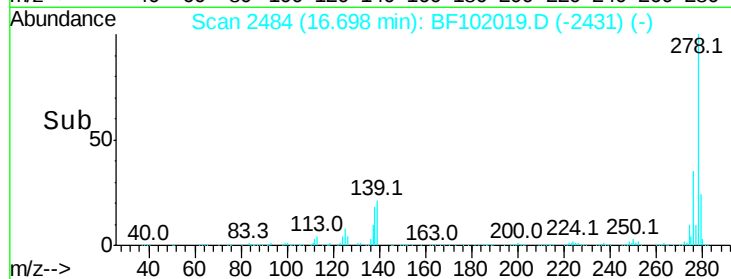
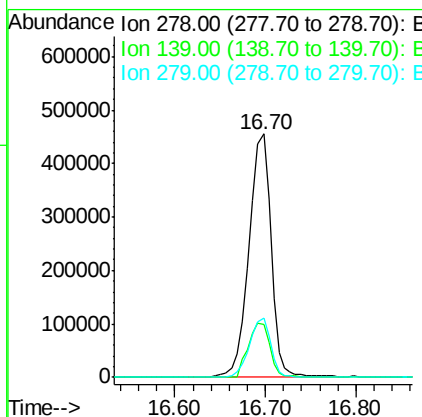
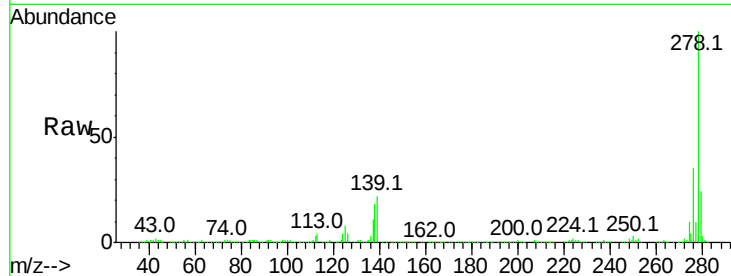
#90
Dibenzo(a,h)anthracene
Concen: 51.534 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.9	23.9
279	24.2	19.0	28.4

Manual Integrations
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Sohil
1/12/2018 10:37:14 AM



#91
Benzo(g,h,i)perylene
Concen: 55.635 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF102019.D
Acq: 11 Jan 2018 15:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	31.5	21.8	32.8

