

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118646.D
 Acq On : 21 Jan 2020 21:42
 Operator : CG/JU
 Sample : L1004-12MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

Manual Integrations
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 1/22/2020 1:36:23 PM

Quant Time: Jan 22 04:47:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	399478	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1464605	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	805605	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1481827	20.00	ng	0.00
76) Chrysene-d12	14.04	240	994146	20.00	ng	0.00
87) Perylene-d12	15.51	264	838547	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	2670706	124.17	ng	0.02
7) Phenol-d6	6.52	99	3372046	120.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	2396266	91.51	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1318082	141.46	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4346587	88.68	ng	0.00
79) Terphenyl-d14	12.99	244	4882695	107.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	426893	40.977	ng	# 82
3) Pyridine	3.57	79	461108	15.704	ng	97
4) n-Nitrosodimethylamine	3.50	42	515123	40.920	ng	85
6) Aniline	6.55	93	117617	3.195	ng	98
8) 2-Chlorophenol	6.67	128	1152265	47.728	ng	100
9) Benzaldehyde	6.43	77	371827	21.870	ng	97
10) Phenol	6.53	94	1234840	38.759	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	1101727	46.609	ng	100
12) 1,3-Dichlorobenzene	6.82	146	1259244	44.563	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1269825	44.766	ng	100
14) 1,2-Dichlorobenzene	7.05	146	1213070	45.493	ng	99
15) Benzyl Alcohol	7.02	79	913492	41.204	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1424292	43.259	ng	99
17) 2-Methylphenol	7.13	107	942027	46.844	ng	99
18) Hexachloroethane	7.40	117	446429	43.403	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	836027	44.289	ng	99
20) 3+4-Methylphenols	7.28	107	1131698	46.093	ng	91
22) Acetophenone	7.29	105	1513803	43.632	ng	97
24) Nitrobenzene	7.46	77	1238097	46.179	ng	100
25) Isophorone	7.70	82	2216049	46.400	ng	100
26) 2-Nitrophenol	7.77	139	600171	52.493	ng	97
27) 2,4-Dimethylphenol	7.81	122	1029698	52.154	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	1337931	43.477	ng	99
29) 2,4-Dichlorophenol	8.02	162	1042180	47.751	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1131509	44.713	ng	99
31) Naphthalene	8.19	128	3200734	48.378	ng	100
32) Benzoic acid	7.93	122	593044	40.024	ng	97
33) 4-Chloroaniline	8.22	127	54737	1.790	ng	94
34) Hexachlorobutadiene	8.30	225	664394	43.112	ng	98
35) Caprolactam	8.60	113	269326m	37.708	ng	
36) 4-Chloro-3-methylphenol	8.71	107	1033390	47.948	ng	100
37) 2-Methylnaphthalene	8.87	142	2285280	48.935	ng	100
38) 1-Methylnaphthalene	8.97	142	2146096	48.371	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1128804	44.782	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	1230177	96.730	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	808357	48.327	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	842582	49.323	nq	98
46) 1,1'-Biphenyl	9.34	154	2687827	48.410	nq	99
47) 2-Chloronaphthalene	9.36	162	2194462	46.892	nq	99
48) 2-Nitroaniline	9.46	65	583420	40.556	nq	87
49) Acenaphthylene	9.78	152	3302402	50.161	nq	99
50) Dimethylphthalate	9.64	163	2750920	52.412	nq	100
51) 2,6-Dinitrotoluene	9.70	165	583208	49.622	nq	87
52) Acenaphthene	9.96	154	2278520	51.758	nq	98
53) 3-Nitroaniline	9.86	138	23504	1.751	nq	# 96
54) 2,4-Dinitrophenol	9.97	184	496322	105.777	nq	# 31
55) Dibenzofuran	10.13	168	3021958	49.534	nq	98
56) 4-Nitrophenol	10.03	139	928909	91.688	nq	90
57) 2,4-Dinitrotoluene	10.10	165	780149	52.654	nq	96
58) Fluorene	10.47	166	2313420	48.303	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	744697	49.562	nq	97
60) Diethylphthalate	10.34	149	2370813	46.588	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	1229658	47.207	nq	97
62) 4-Nitroaniline	10.47	138	292897	21.277	nq	91
63) Azobenzene	10.62	77	2321546	47.105	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	367039	56.329	nq	90
66) n-Nitrosodiphenylamine	10.57	169	1292919	28.932	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	854420	46.671	nq	99
68) Hexachlorobenzene	11.02	284	936983	45.143	nq	# 93
69) Atrazine	11.10	200	460820	29.751	nq	98
70) Pentachlorophenol	11.21	266	1081796	93.744	nq	98
71) Phenanthrene	11.43	178	3446916	48.216	nq	98
72) Anthracene	11.48	178	3485218	49.269	nq	99
73) Carbazole	11.63	167	2588882	39.900	nq	98
74) Di-n-butylphthalate	11.96	149	3467998	48.108	nq	99
75) Fluoranthene	12.62	202	3604259	47.801	nq	99
77) Benzidine	12.73	184	7005	0.264	nq	# 1
78) Pyrene	12.84	202	3606339	53.432	nq	98
80) Butylbenzylphthalate	13.46	149	1489232	53.914	nq	97
81) Benzo(a)anthracene	14.03	228	2895450	48.416	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	35991	1.689	nq	97
83) Chrysene	14.07	228	2745382	47.900	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1865724	55.285	nq	100
85) Di-n-octyl phthalate	14.63	149	2753380	55.121	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	3190671	64.068	nq	99
88) Benzo(b)fluoranthene	15.08	252	2831916	53.728	nq	99
89) Benzo(k)fluoranthene	15.11	252	2332010	47.755	nq	99
90) Benzo(a)pyrene	15.44	252	2307594	50.752	nq	98
91) Dibenzo(a,h)anthracene	17.01	278	2684747	66.753	nq	98
92) Benzo(g,h,i)perylene	17.44	276	2714554	69.513	nq	97

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

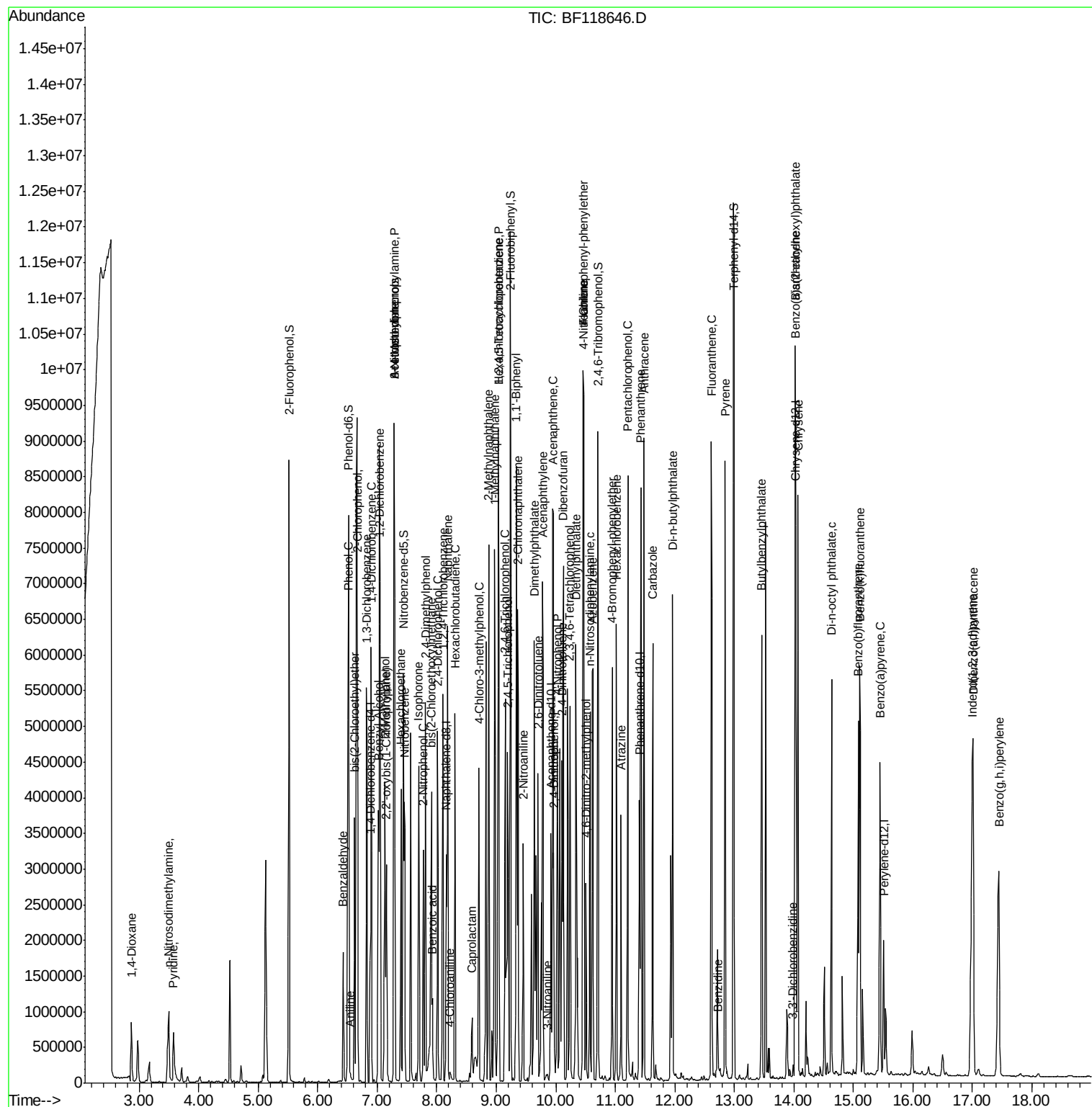
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
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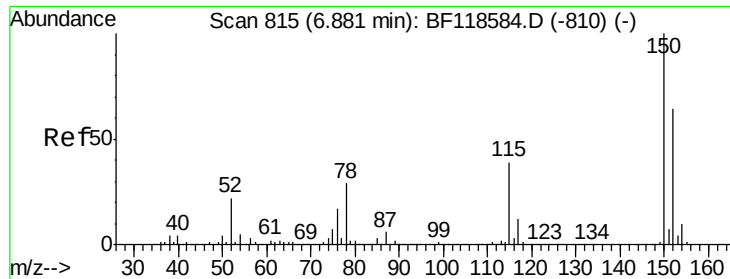
Instrument :
BNA_F
ClientSampled :
BU-02-101720MS

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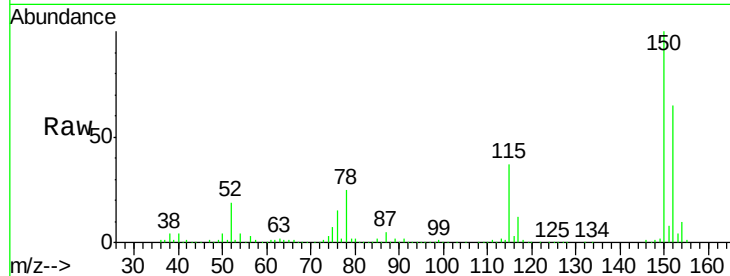
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

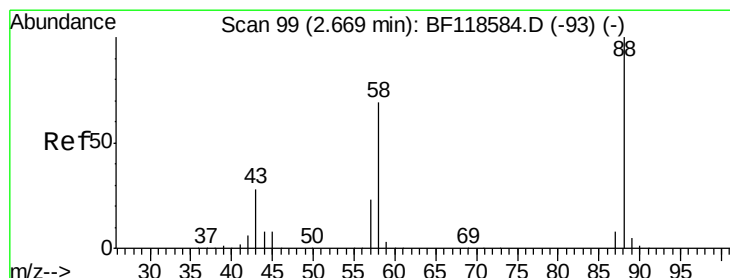
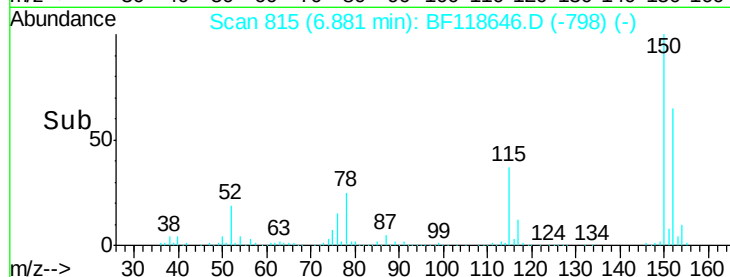
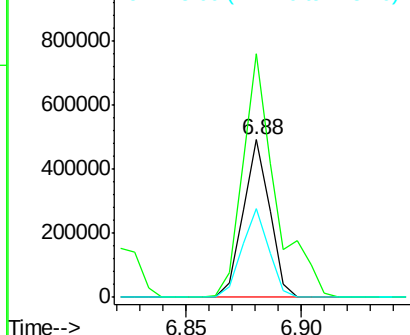
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.6	188.4
115	56.8	48.4	72.6

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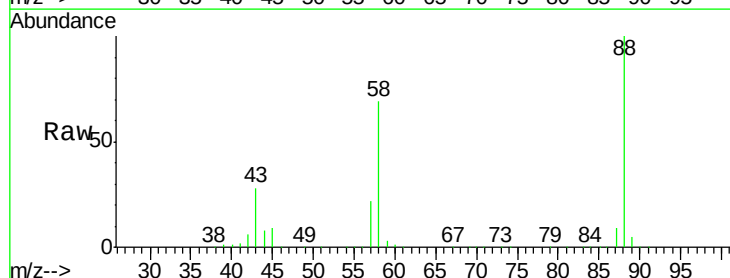


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

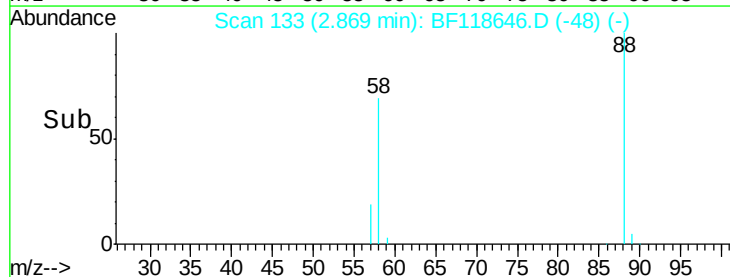
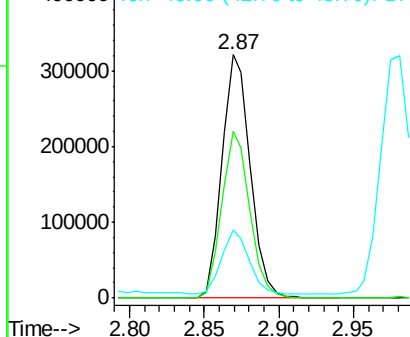


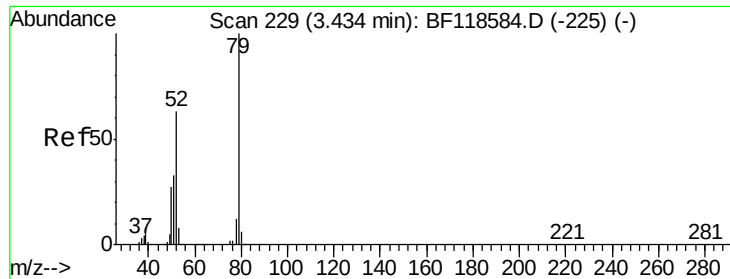
#2
 1,4-Dioxane
 Concen: 40.977 ng
 RT: 2.87 min Scan# 133
 Delta R.T. 0.20 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	56.1	84.1
43	0.0	23.0	34.6#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 15.704 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.14 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

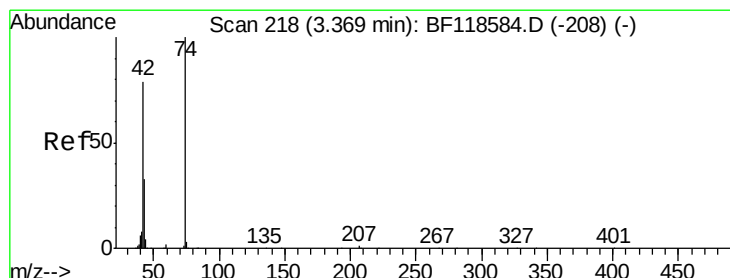
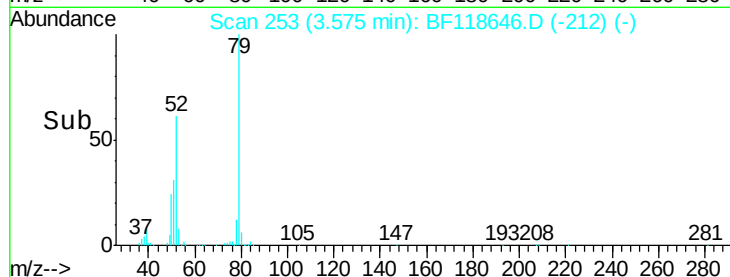
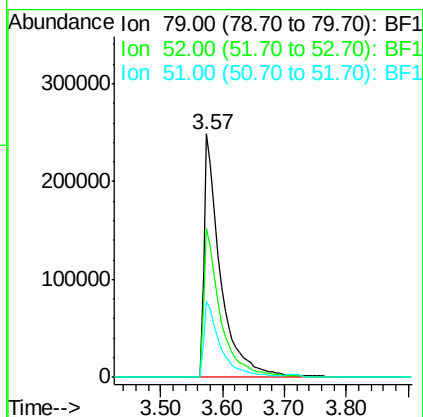
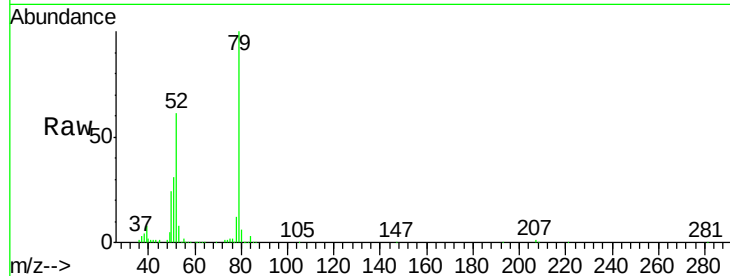
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	61.4	50.7	76.1	
51	31.0	26.6	40.0	

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#4

n-Nitrosodimethylamine

Concen: 40.920 ng

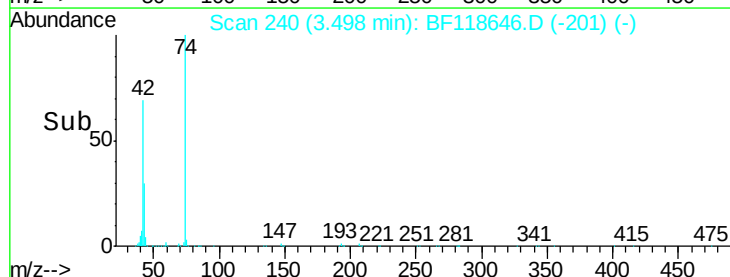
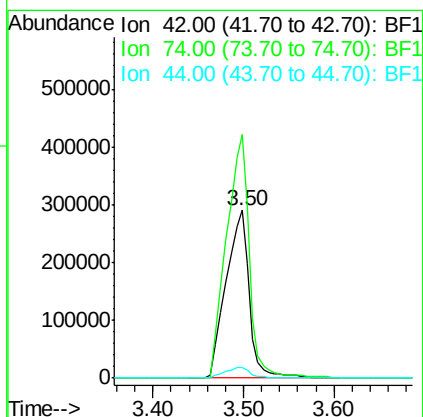
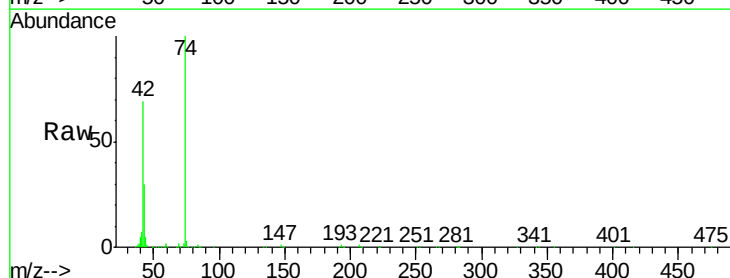
RT: 3.50 min Scan# 240

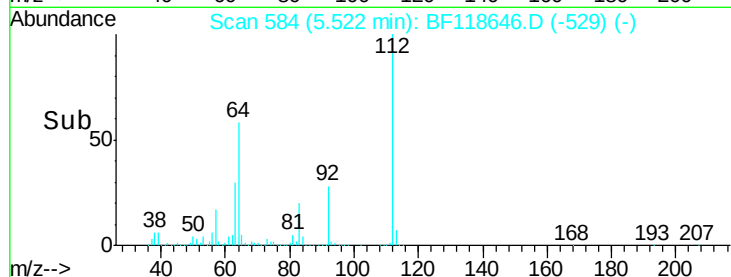
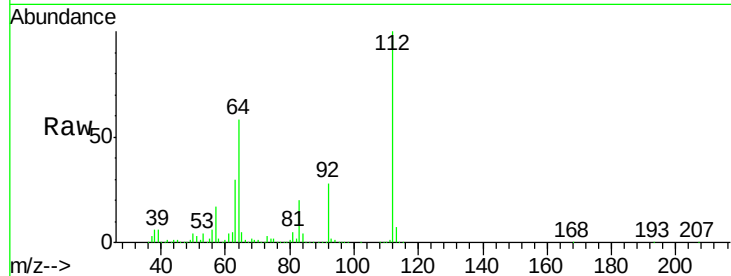
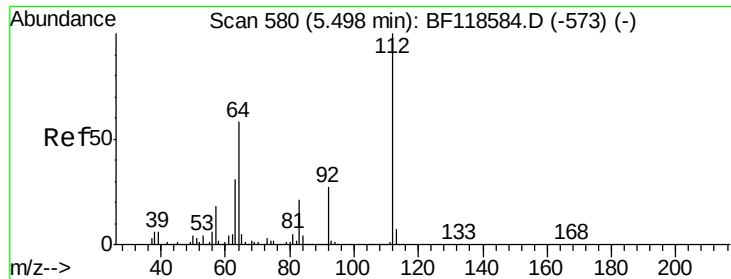
Delta R.T. 0.13 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	145.1	101.6	152.4	
44	6.6	4.9	7.3	





#5

2-Fluorophenol

Concen: 124.167 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Tot Ion:	112	Resp:	2670706
Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.6	70.0
63	30.3	25.1	37.7

Instrument :

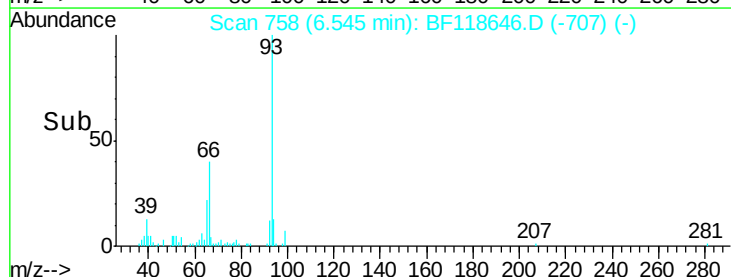
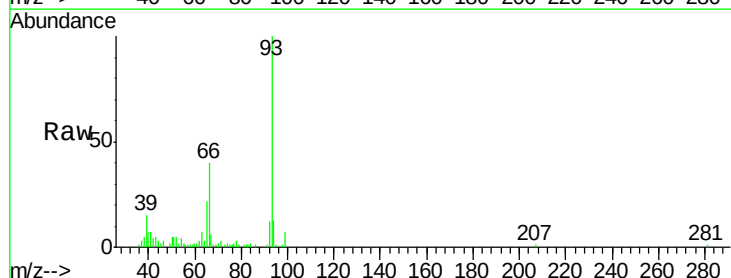
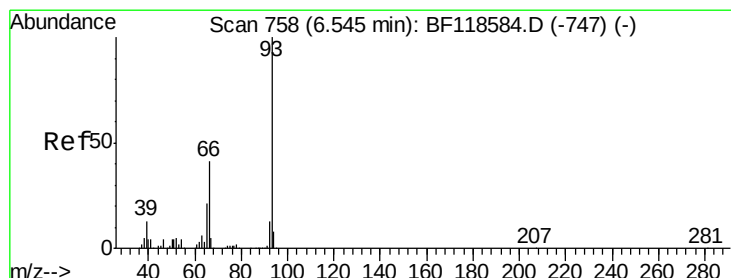
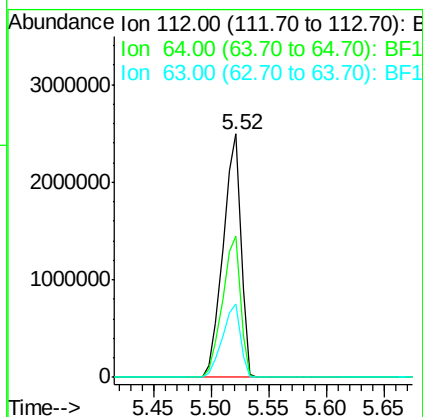
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#6

Aniline

Concen: 3.195 ng

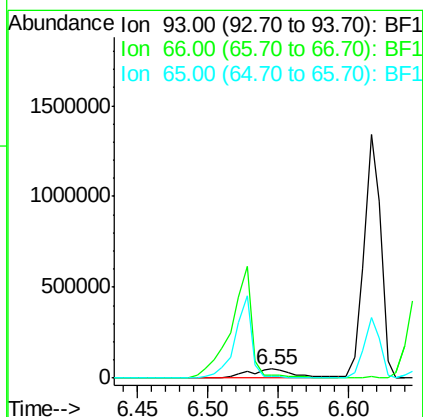
RT: 6.55 min Scan# 758

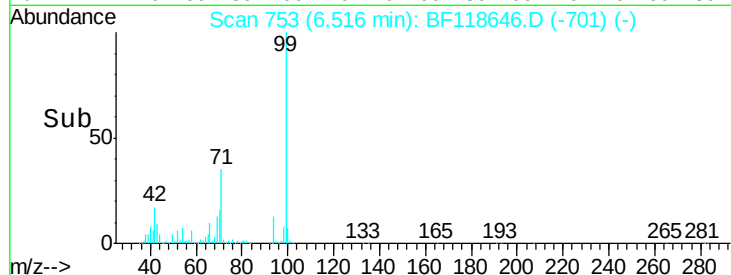
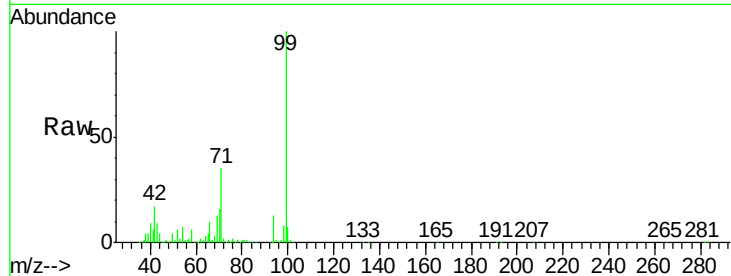
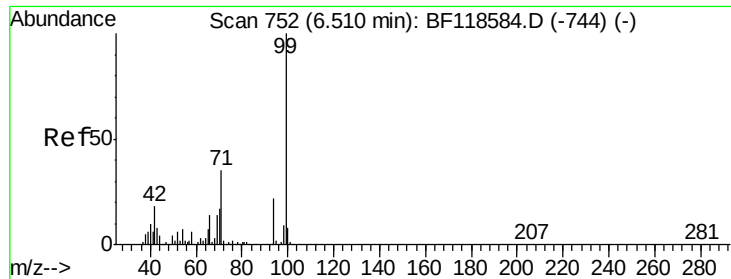
Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Tgt Ion:	93	Resp:	117617
Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.8	49.2
65	21.8	16.5	24.7





#7

Phenol-d6

Concen: 120.619 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Tot Ion: 99 Resp: 3372046

Ion Ratio Lower Upper

99 100

42 17.4 14.2 21.2

71 35.1 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

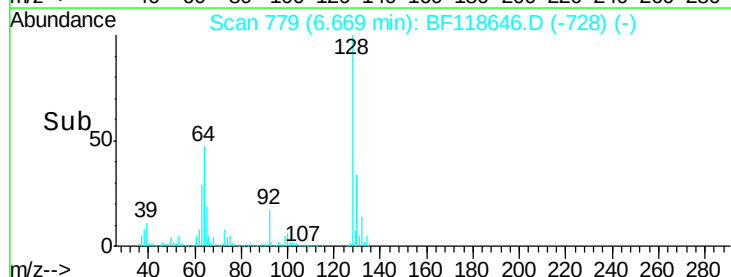
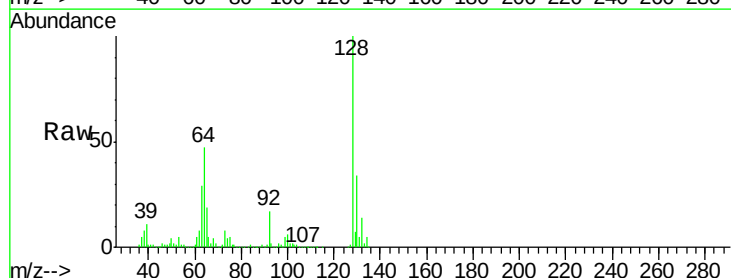
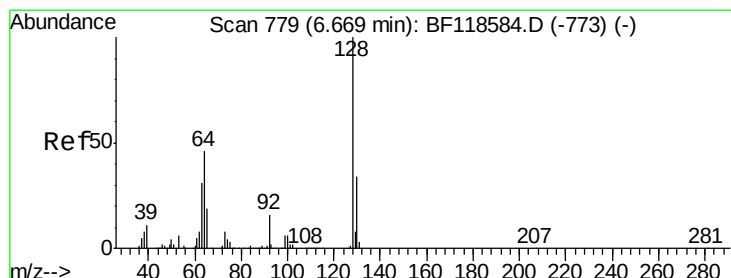
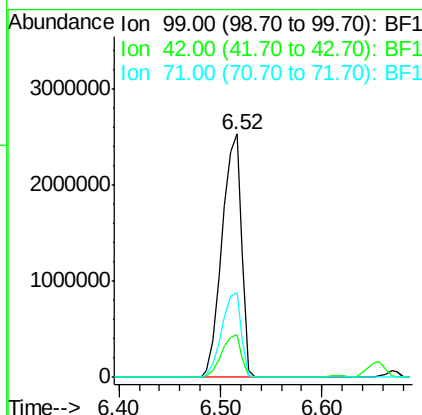
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#8

2-Chlorophenol

Concen: 47.728 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

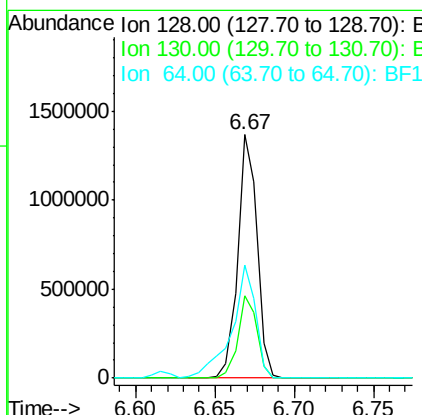
Tgt Ion: 128 Resp: 1152265

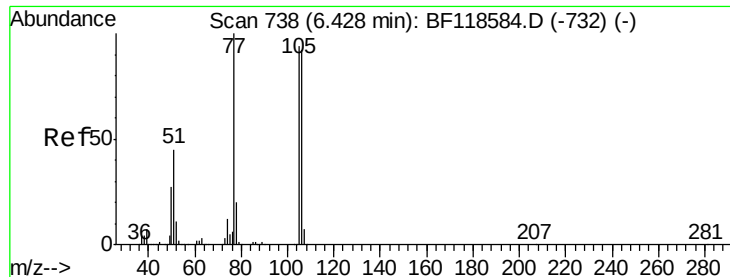
Ion Ratio Lower Upper

128 100

130 33.8 13.6 53.6

64 46.5 26.4 66.4





#9

Benzaldehyde

Concen: 21.870 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

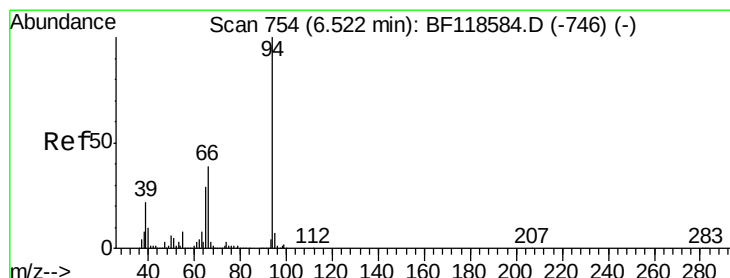
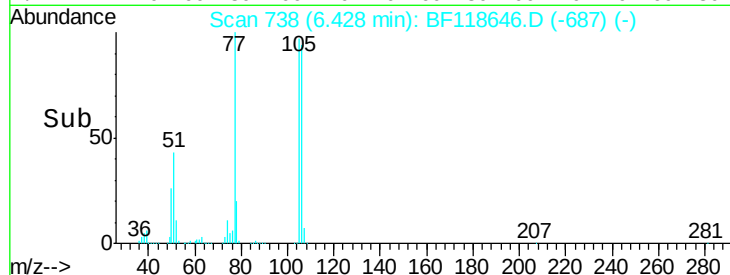
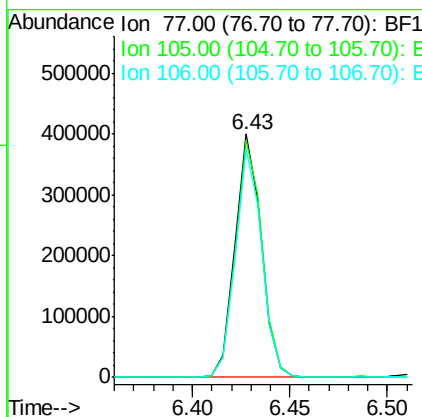
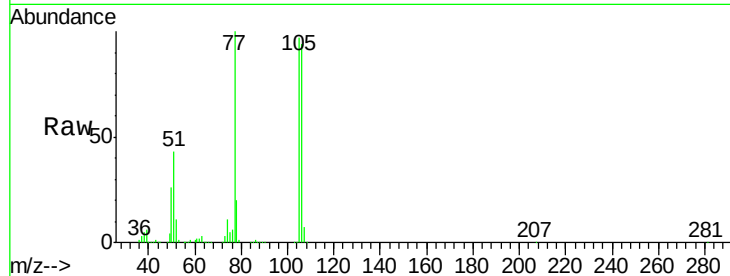
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Tot Ion:	77	Resp:	371827
Ion Ratio	Lower	Upper	
77	100		
105	97.4	73.5	113.5
106	93.7	71.9	111.9

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#10

Phenol

Concen: 38.759 ng

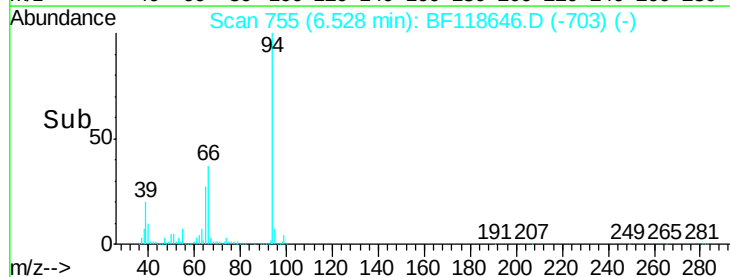
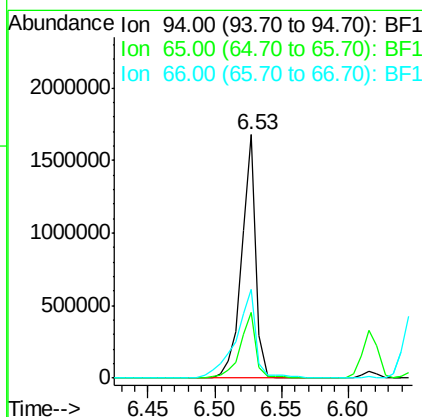
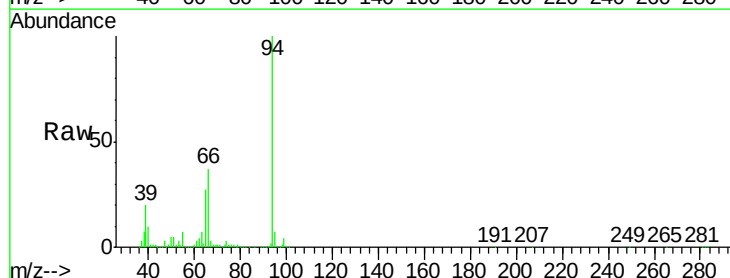
RT: 6.53 min Scan# 755

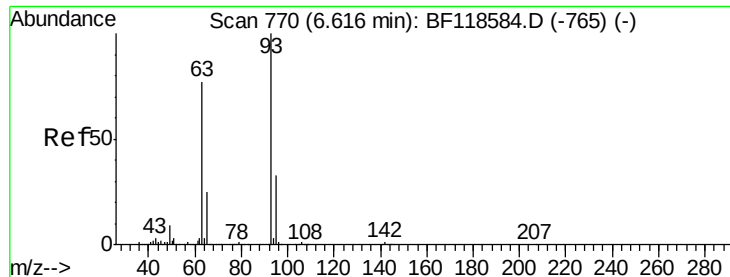
Delta R.T. 0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Tgt Ion:	94	Resp:	1234840
Ion Ratio	Lower	Upper	
94	100		
65	27.2	9.5	49.5
66	36.6	18.5	58.5





#11

bis(2-Chloroethyl)ether

Concen: 46.609 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tot Ion: 93 Resp: 1101727

Ion Ratio Lower Upper

93 100

63 76.3 56.3 96.3

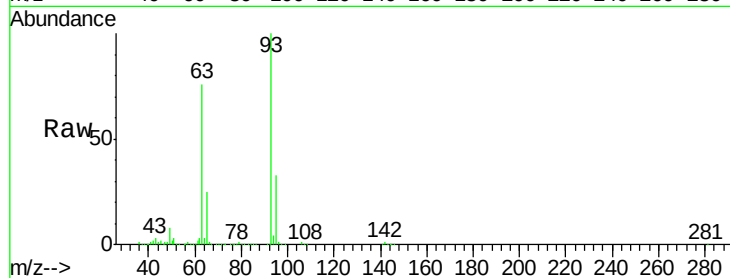
95 32.9 13.3 53.3

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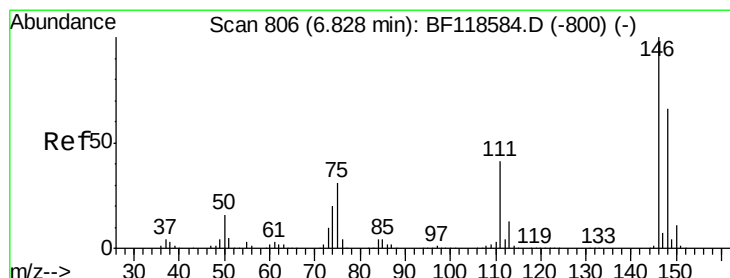
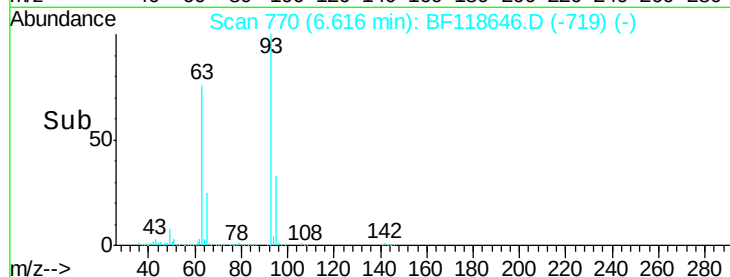
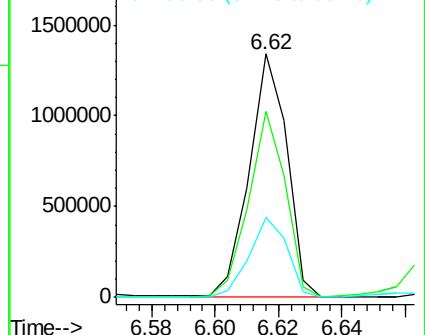
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Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 44.563 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

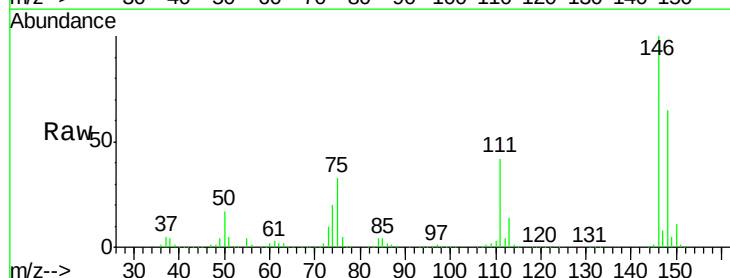
Tgt Ion:146 Resp: 1259244

Ion Ratio Lower Upper

146 100

148 65.1 53.0 79.6

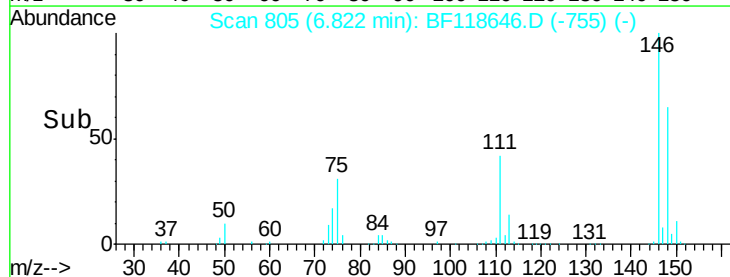
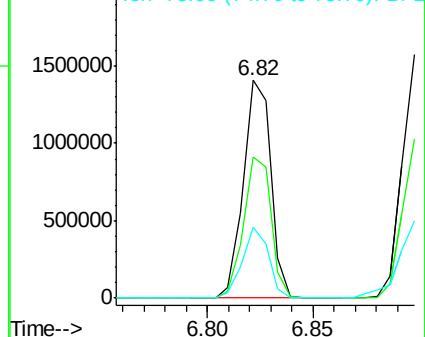
75 32.6 25.1 37.7

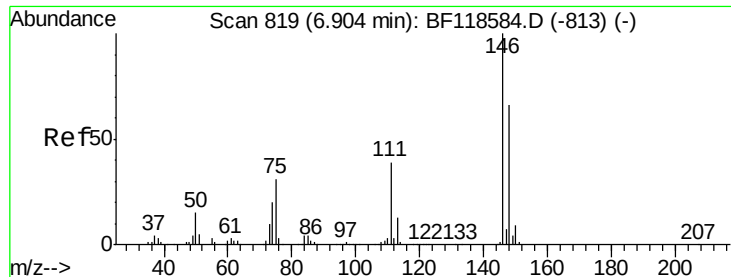


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





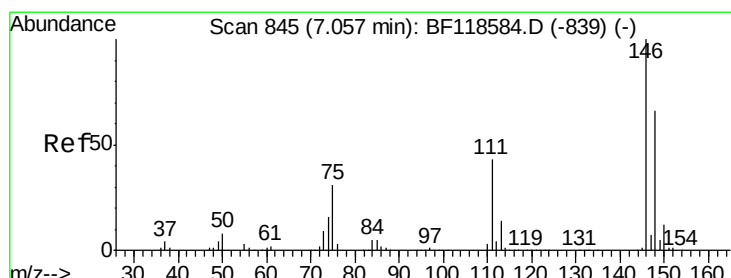
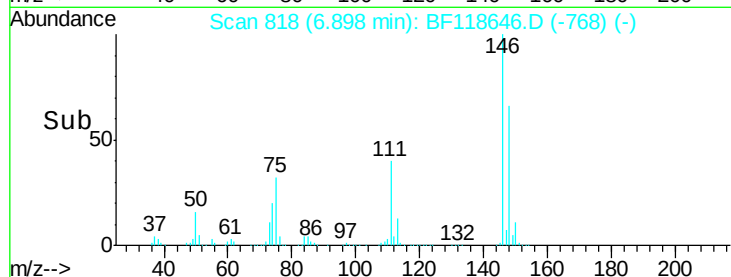
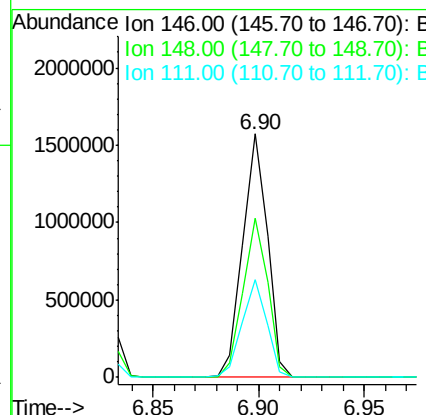
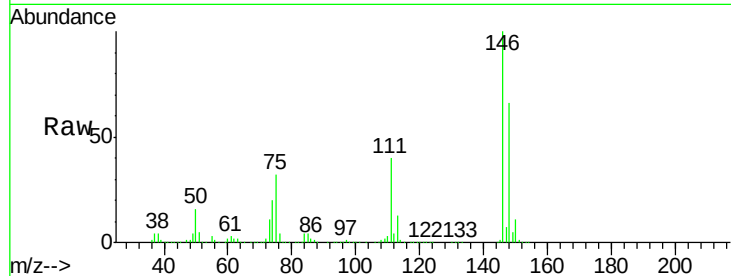
#13
 1,4-Dichlorobenzene
 Concen: 44.766 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

Tot Ion:146 Resp: 1269825
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.4 78.6
 111 40.1 31.6 47.4

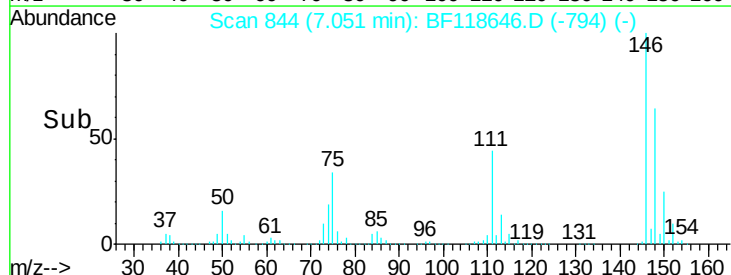
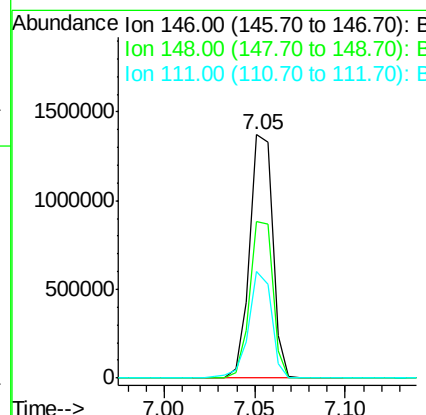
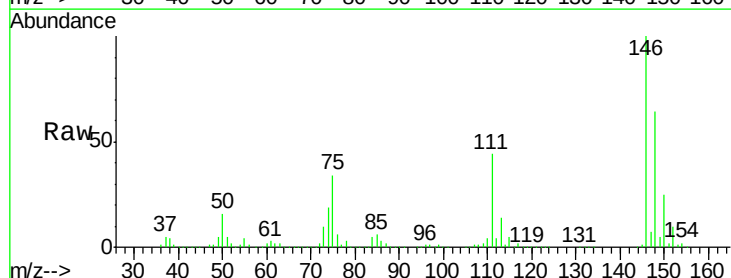
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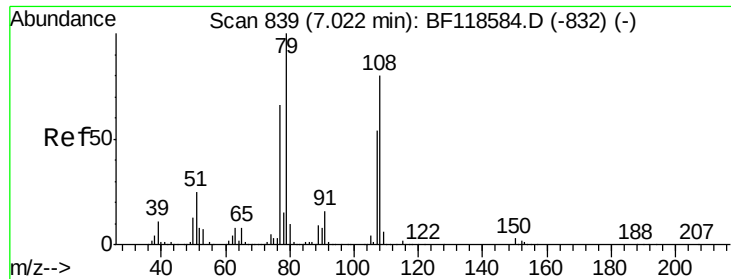
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 45.493 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion:146 Resp: 1213070
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.7 79.1
 111 43.6 34.6 52.0





#15

Benzyl Alcohol

Concen: 41.204 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

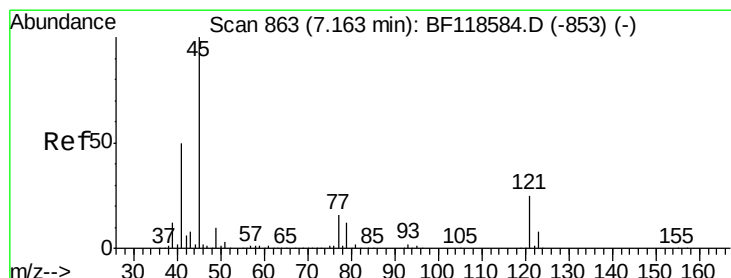
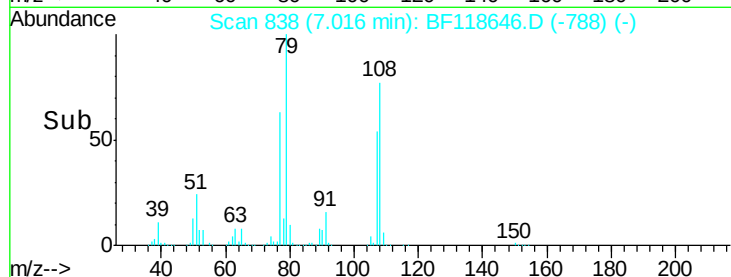
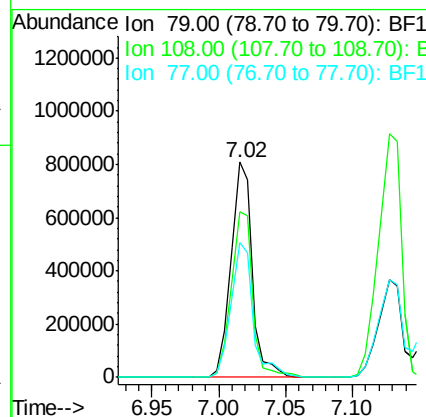
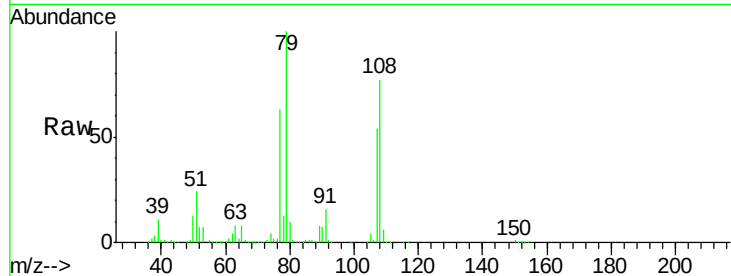
ClientSampleId :

BU-02-101720MS

Tot Ion:	79	Resp:	913492
Ion Ratio	Lower	Upper	
79	100		
108	77.3	63.6	95.4
77	62.7	52.5	78.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.259 ng

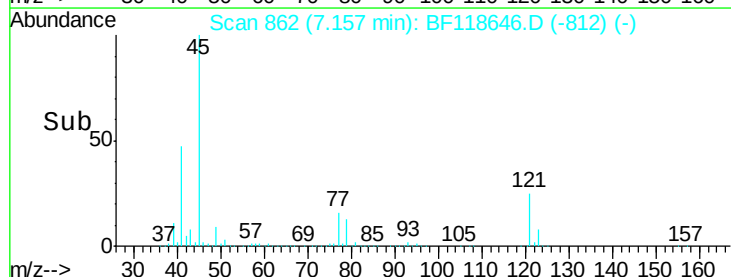
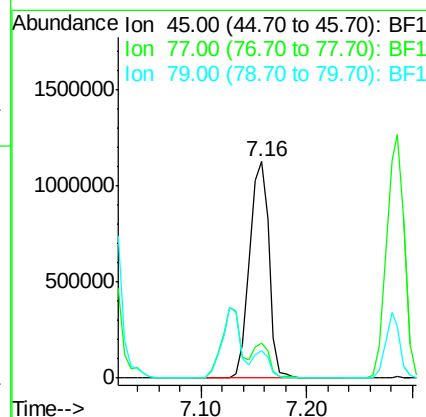
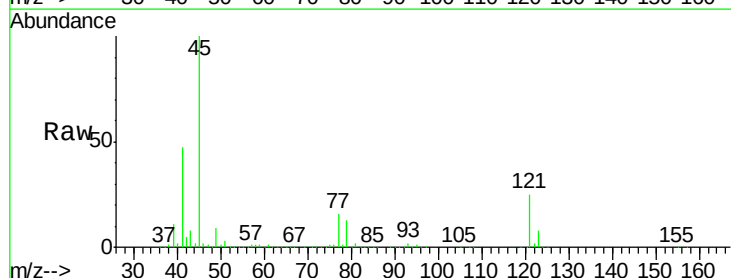
RT: 7.16 min Scan# 862

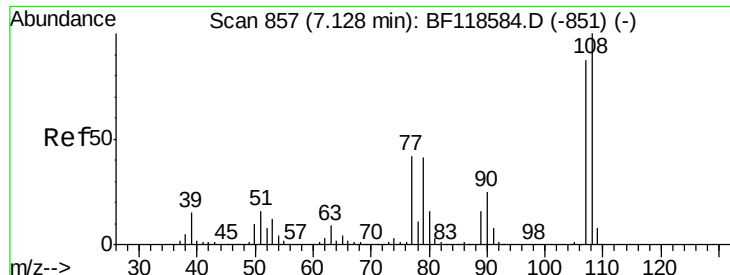
Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Tgt Ion:	45	Resp:	1424292
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	36.1
79	12.8	0.0	32.4





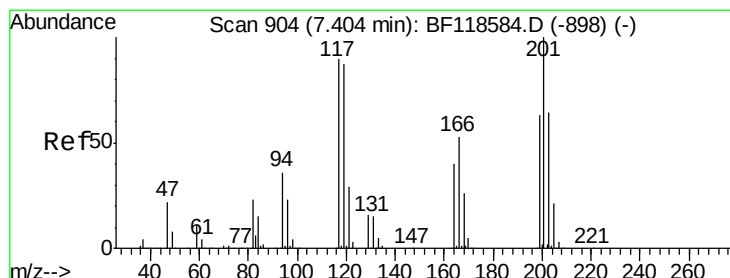
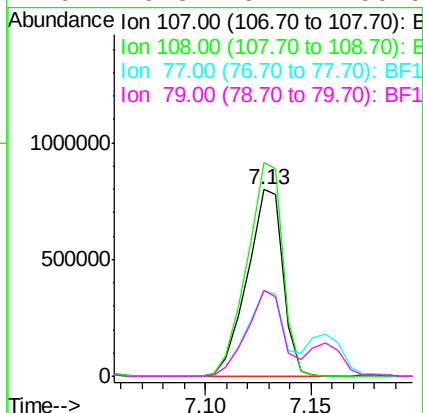
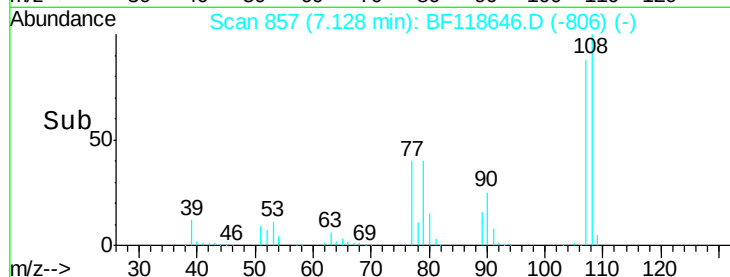
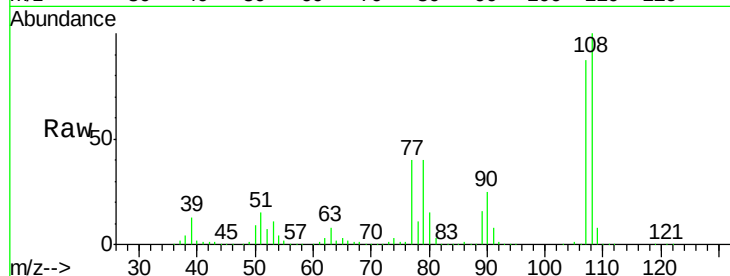
#17
2-Methylphenol
Concen: 46.844 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.5	137.3
77	46.1	38.7	58.1
79	45.8	37.7	56.5

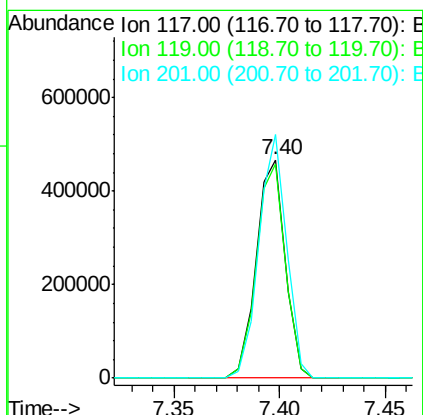
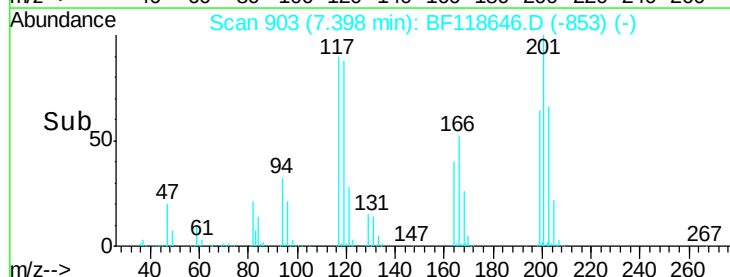
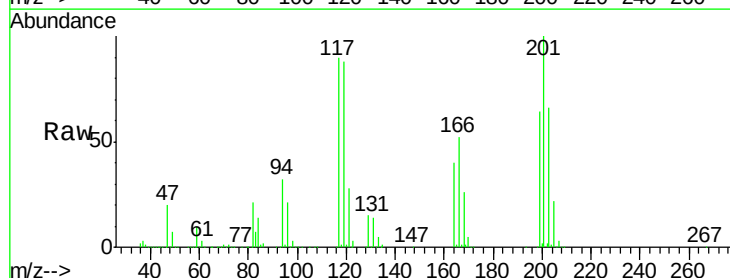
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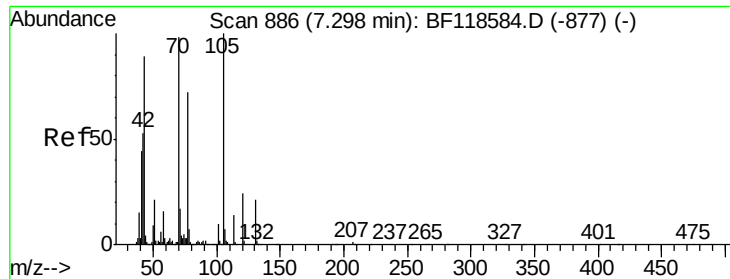
mohammad
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#18
Hexachloroethane
Concen: 43.403 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.6	116.4
201	111.6	88.8	133.2





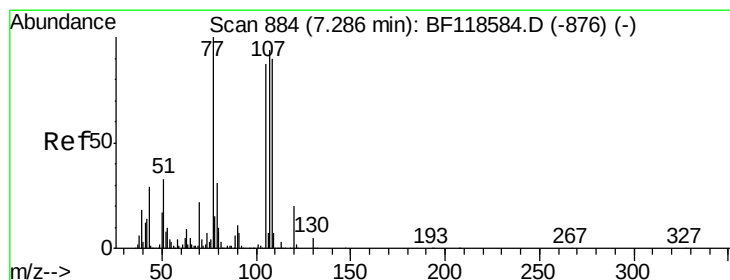
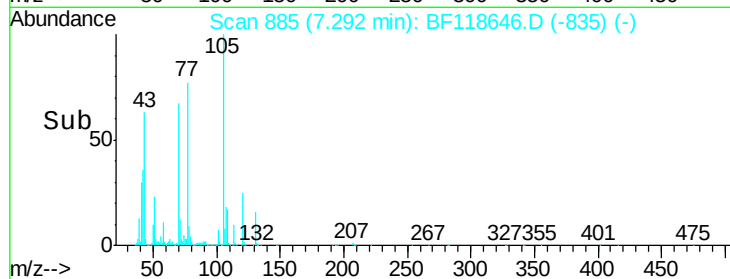
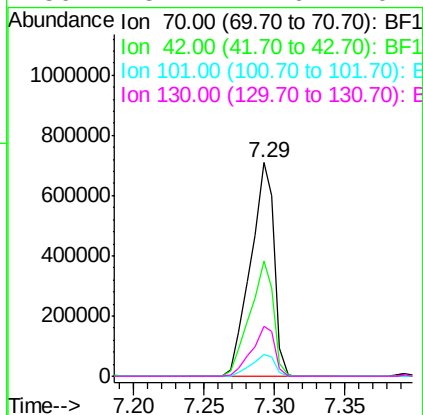
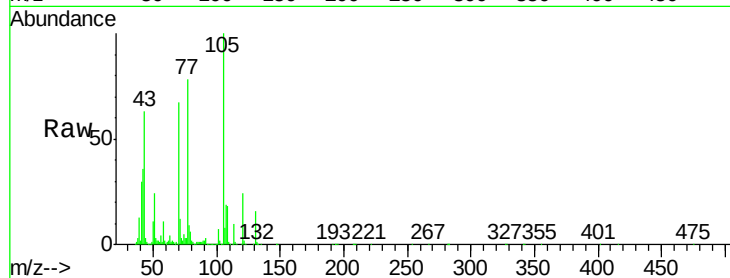
#19
n-Nitroso-di-n-propylamine
Concen: 44.289 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.9	43.4	65.0	
101	10.0	8.1	12.1	
130	23.1	17.6	26.4	

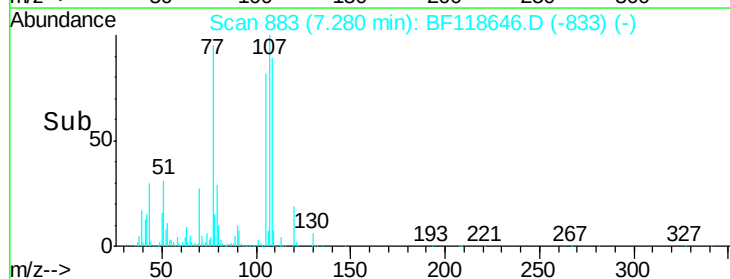
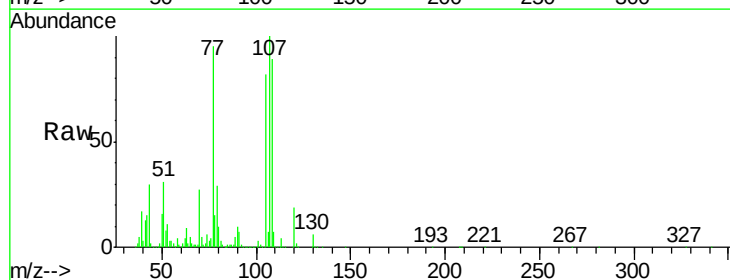
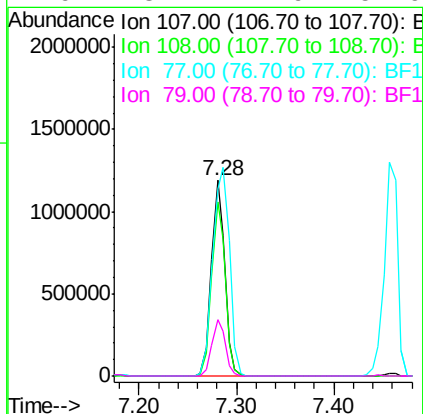
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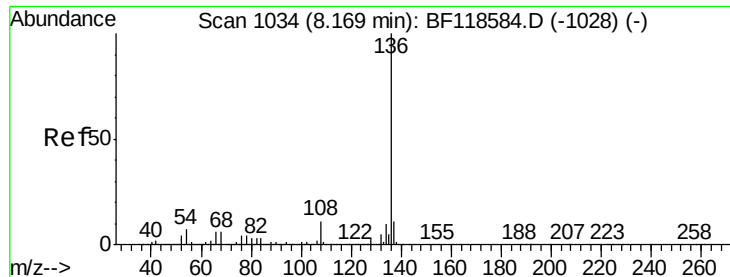
mohammad
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#20
3+4-Methylphenols
Concen: 46.093 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	75.8	115.8	
77	95.3	86.5	126.5	
79	28.7	12.9	52.9	





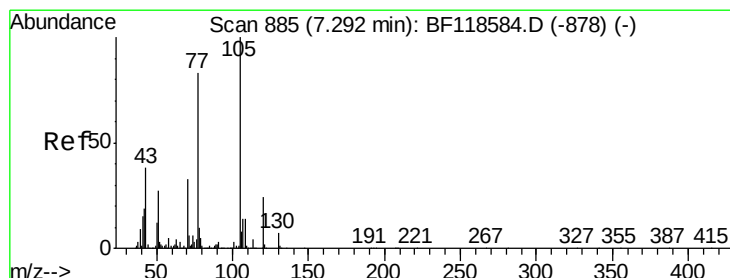
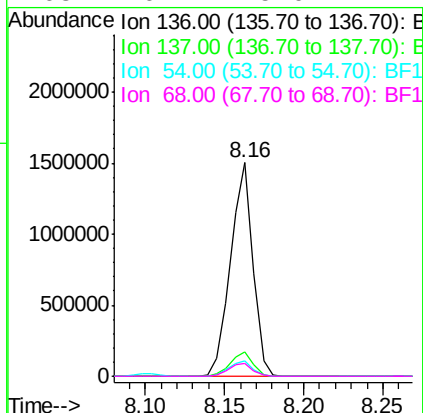
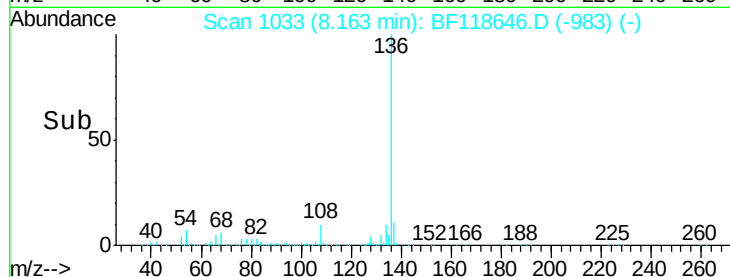
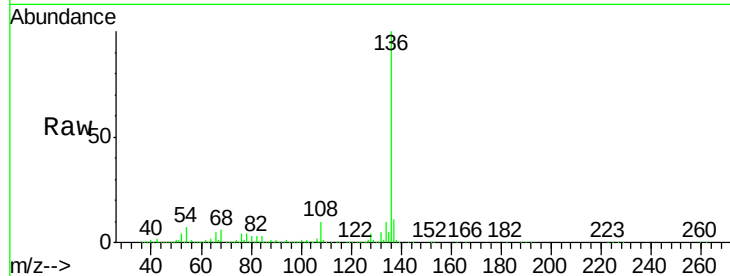
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1464605		
137	11.3	9.1	13.7		
54	7.1	5.8	8.6		
68	6.2	5.0	7.4		

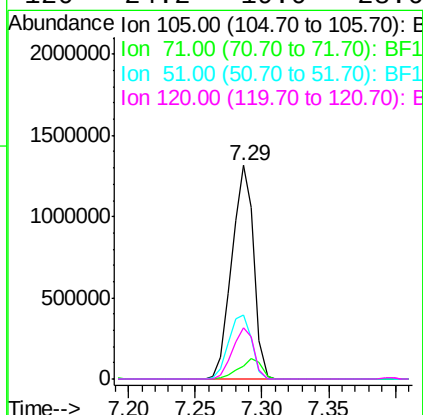
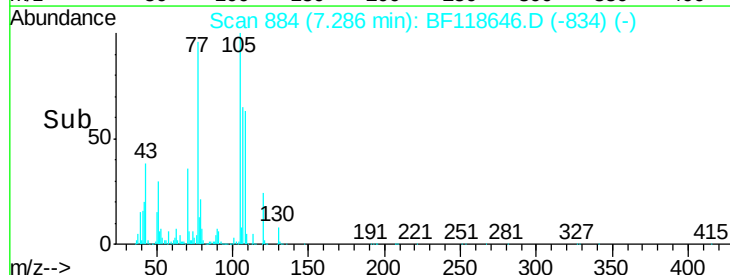
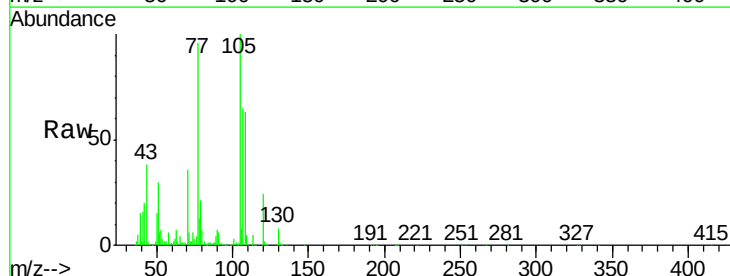
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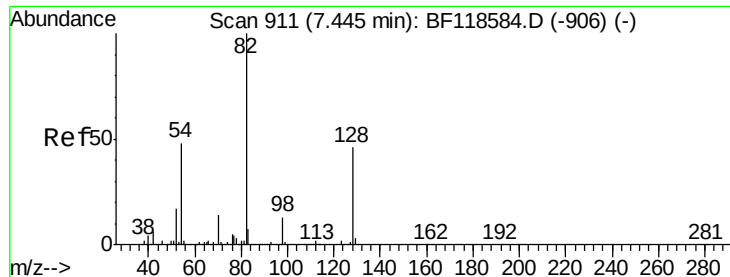
mohammad
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#22
Acetophenone
Concen: 43.632 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1513803		
71	6.1	4.5	6.7		
51	30.1	21.5	32.3		
120	24.2	19.0	28.6		





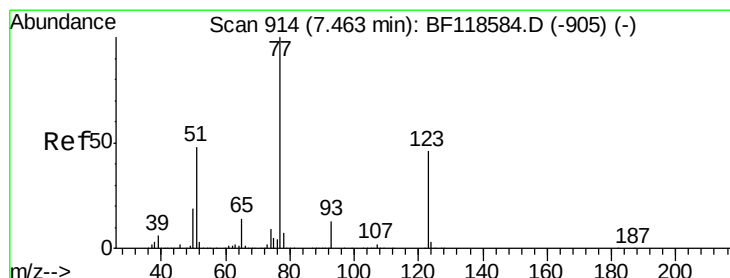
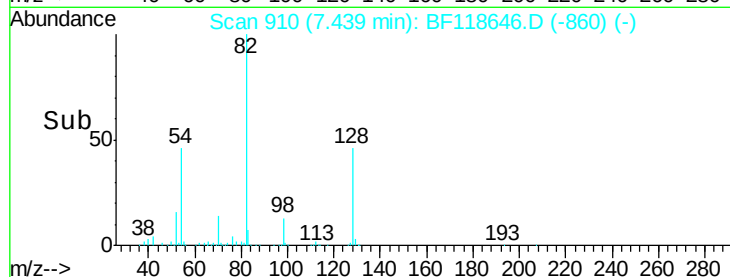
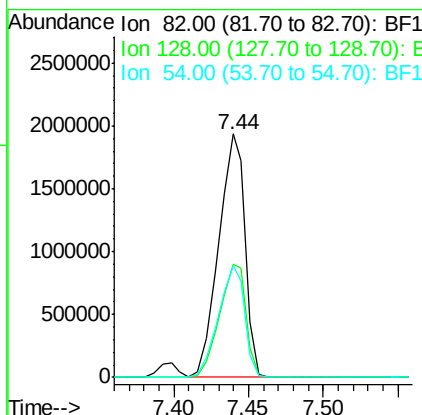
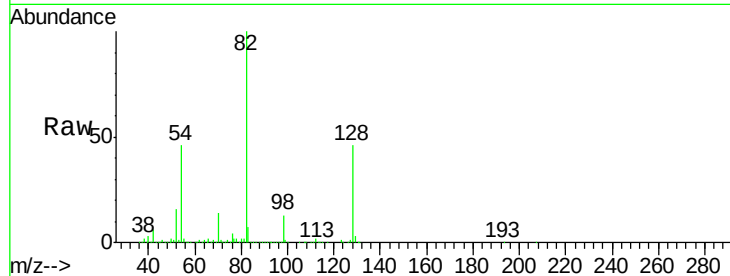
#23
 Nitrobenzene-d5
 Concen: 91.515 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.6	54.8
54	46.1	38.0	57.0

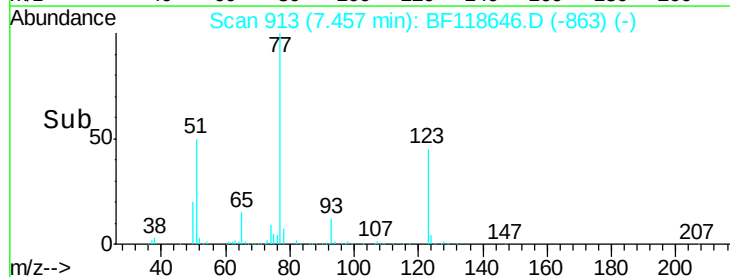
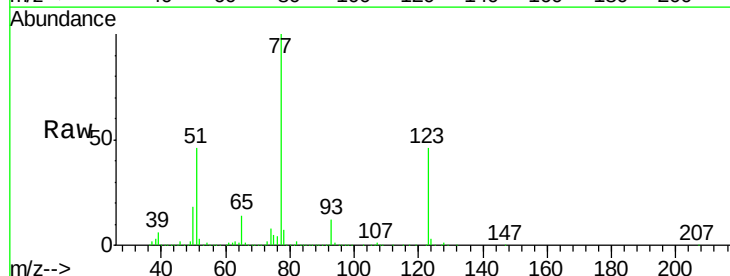
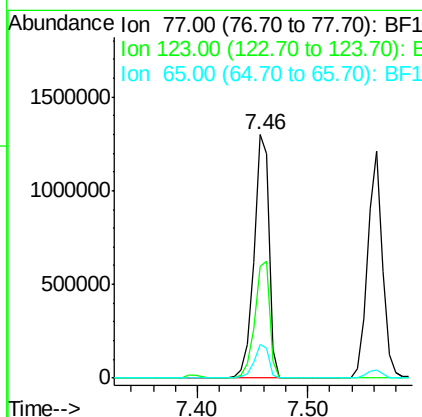
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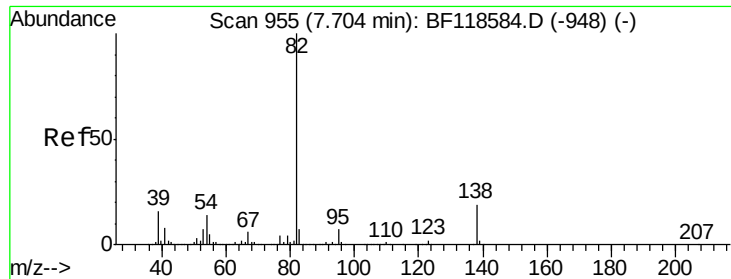
mohammad
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#24
 Nitrobenzene
 Concen: 46.179 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.0	55.4
65	13.8	11.1	16.7





#25

Isophorone

Concen: 46.400 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tot Ion: 82 Resp: 2216049

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

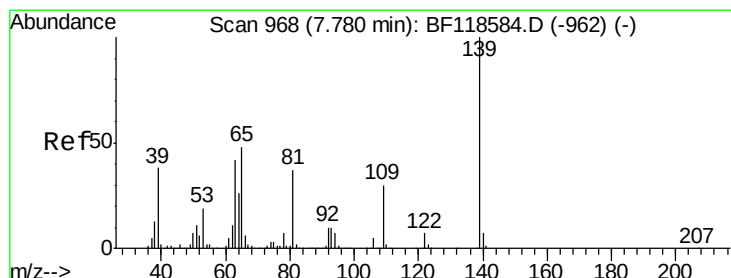
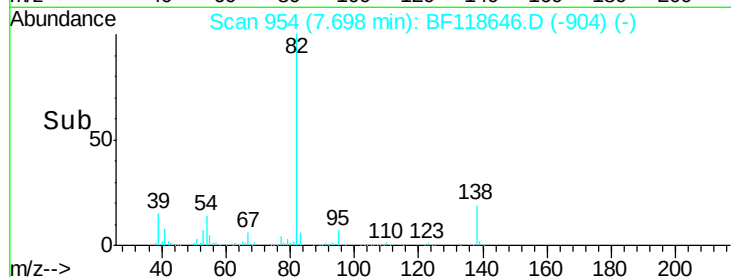
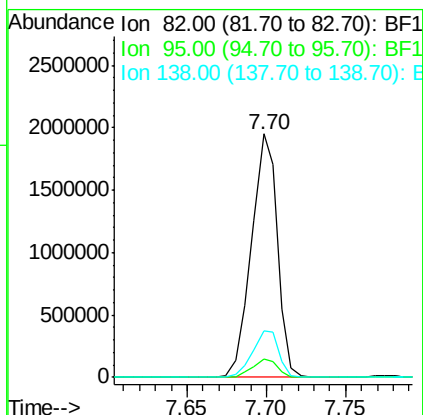
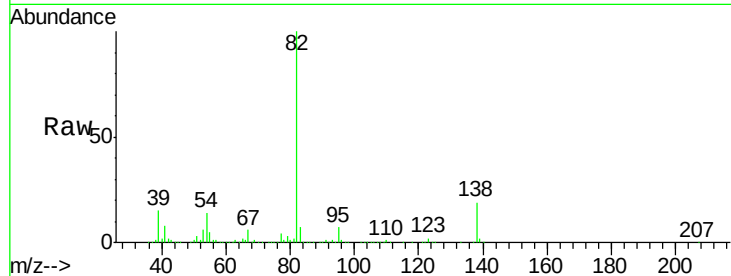
138 18.8 15.3 22.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 52.493 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

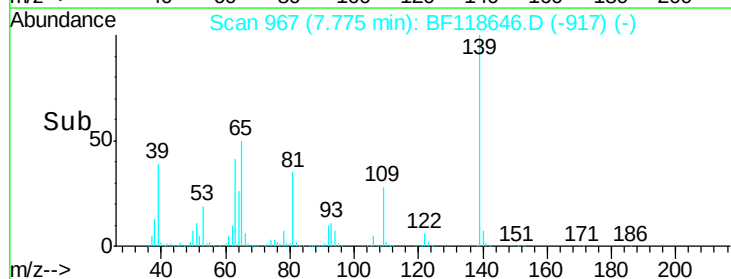
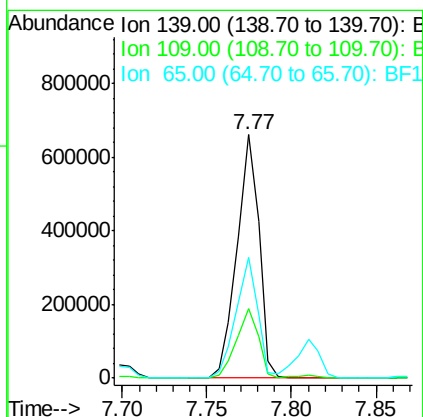
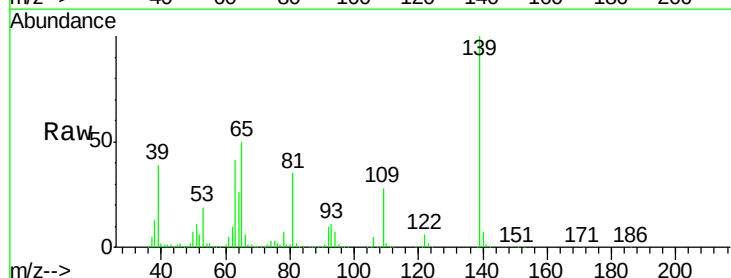
Tgt Ion: 139 Resp: 600171

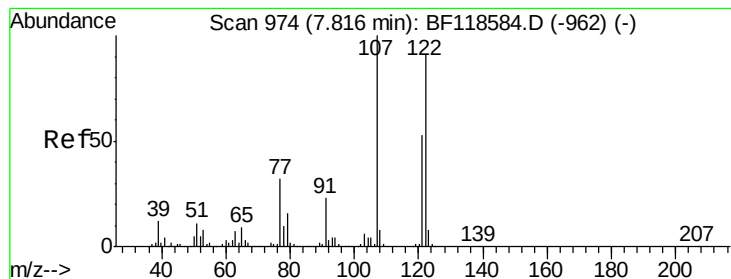
Ion Ratio Lower Upper

139 100

109 28.4 23.8 35.8

65 49.8 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 52.154 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tot Ion:122 Resp: 1029698

Ion Ratio Lower Upper

122 100

107 114.4 88.0 132.0

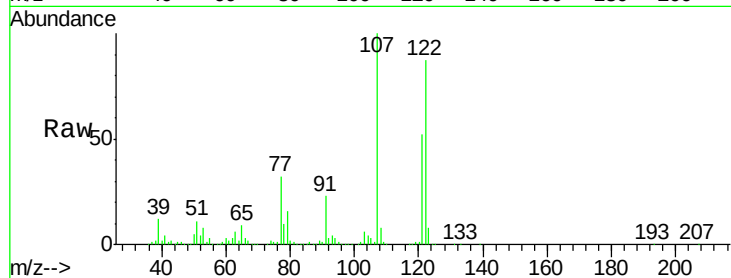
121 59.9 46.3 69.5

Manual Integrations

APPROVED

mohammad

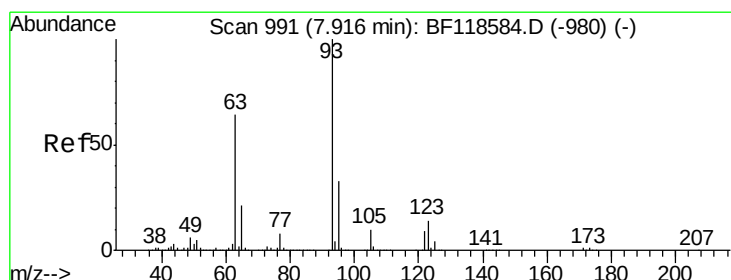
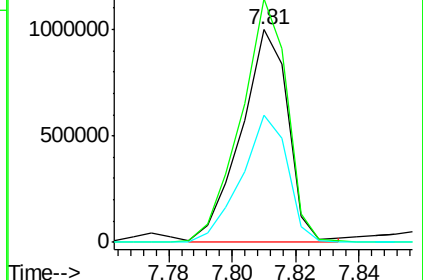
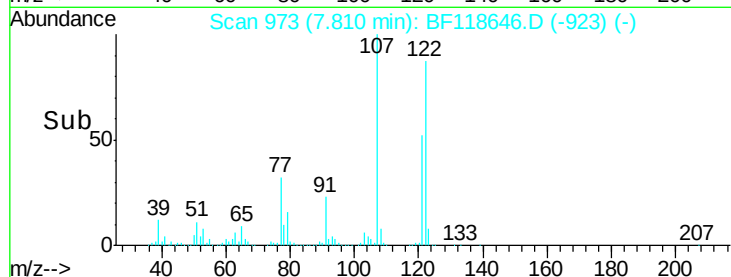
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.477 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

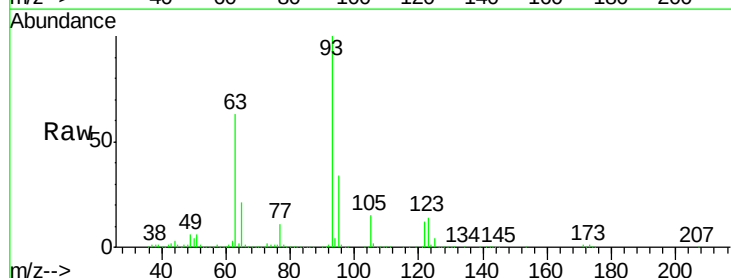
Tgt Ion: 93 Resp: 1337931

Ion Ratio Lower Upper

93 100

95 34.3 26.7 40.1

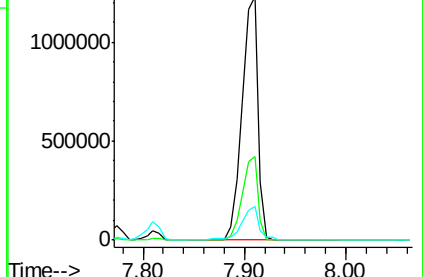
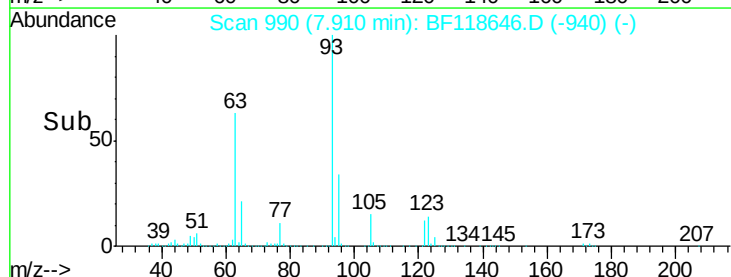
123 13.8 11.0 16.6

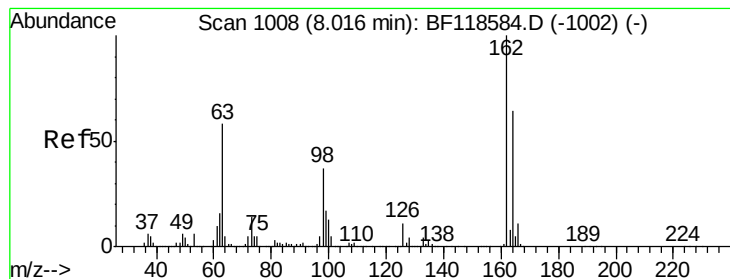


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.751 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampled :

BU-02-101720MS

Tot Ion:162 Resp: 1042180

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

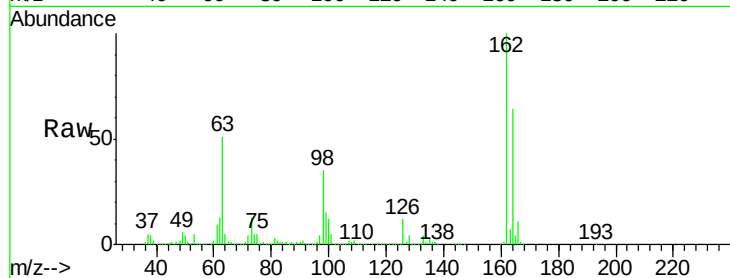
98 35.4 17.5 57.5

Manual Integrations

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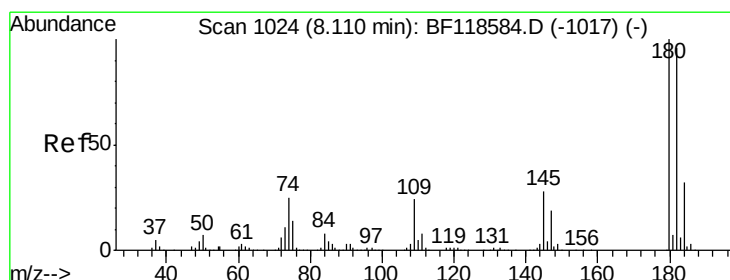
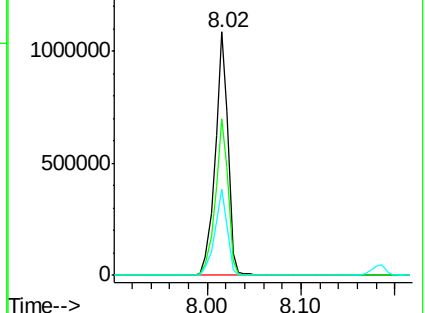
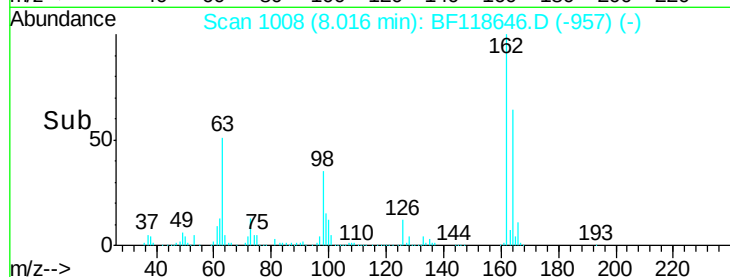
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.713 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

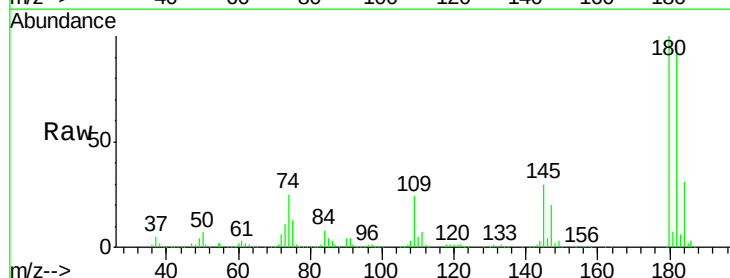
Tgt Ion:180 Resp: 1131509

Ion Ratio Lower Upper

180 100

182 95.6 76.9 115.3

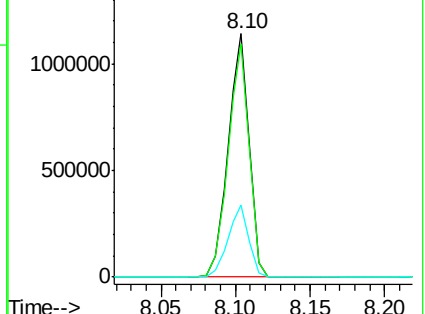
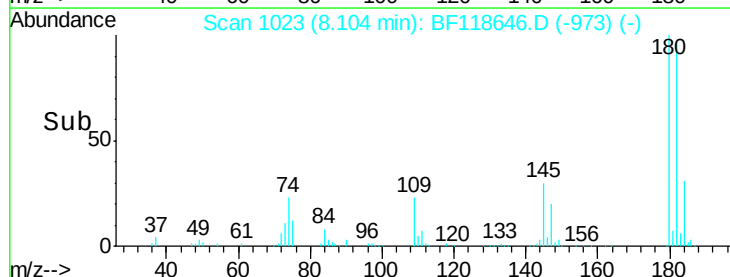
145 29.5 22.8 34.2

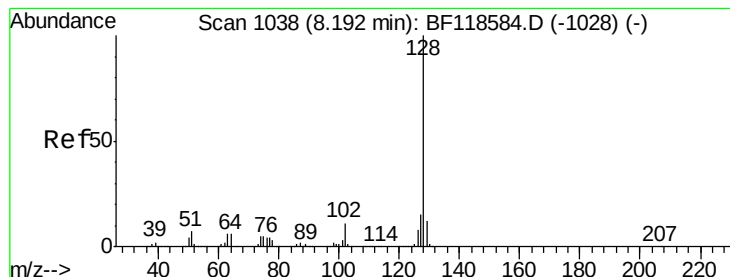


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.378 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tot Ion:128 Resp: 3200734

Ion Ratio Lower Upper

128 100

129 12.3 9.9 14.9

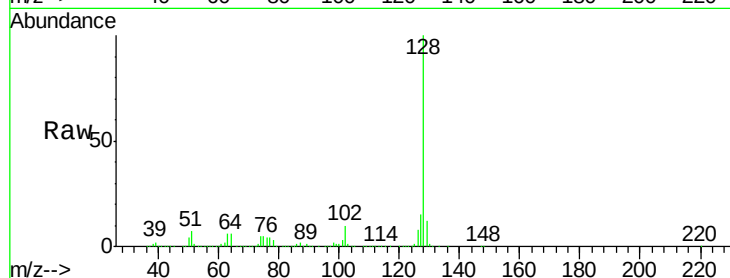
127 14.8 12.0 18.0

Manual Integrations

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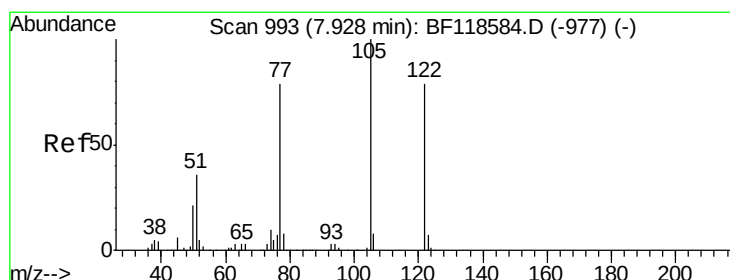
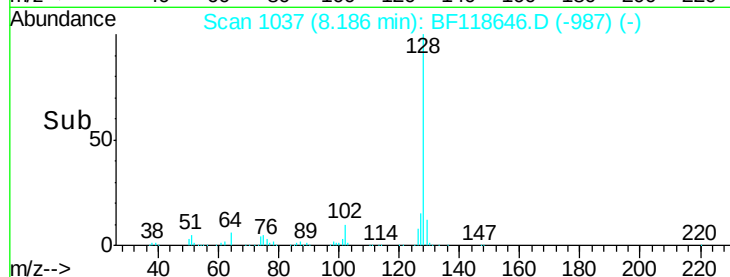
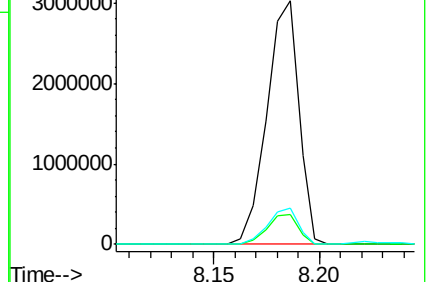
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.024 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

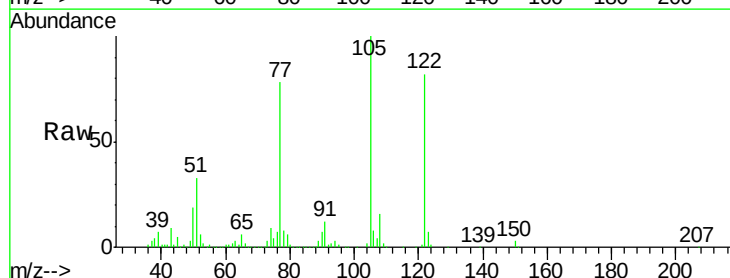
Tgt Ion:122 Resp: 593044

Ion Ratio Lower Upper

122 100

105 122.5 104.3 144.3

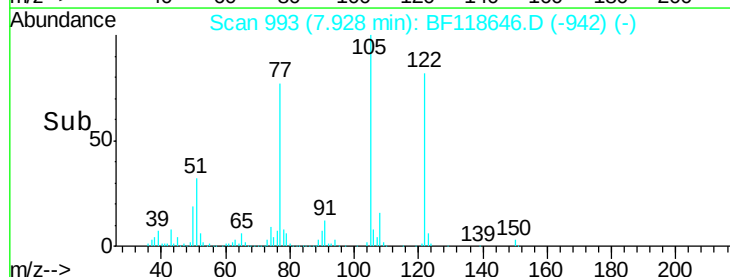
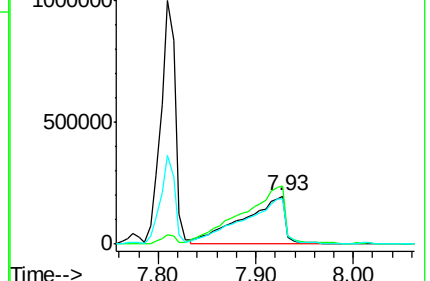
77 95.6 79.4 119.4

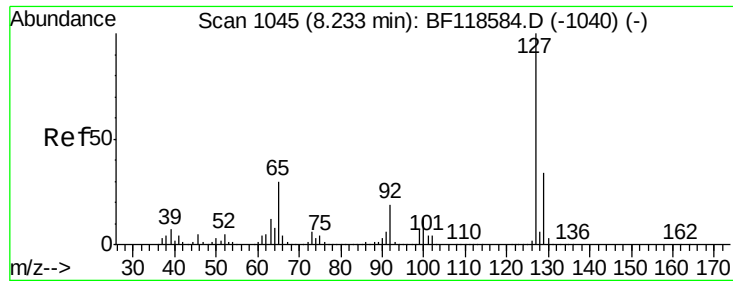


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





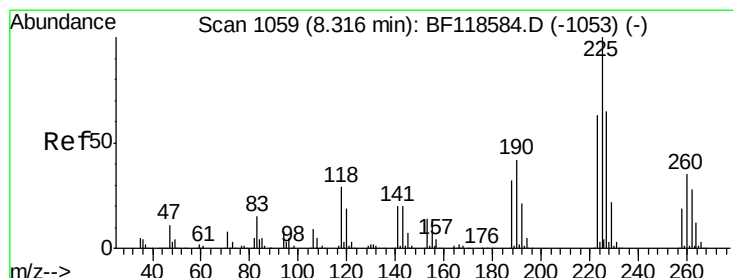
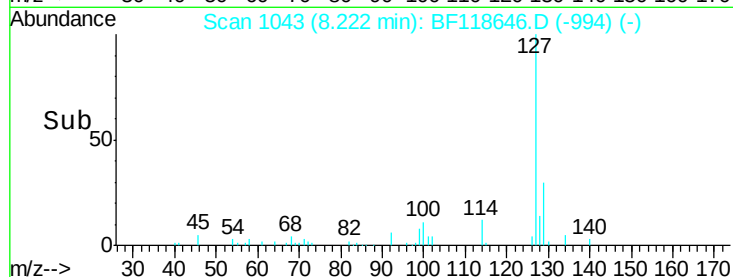
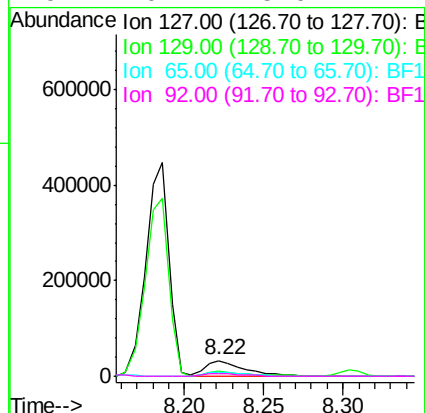
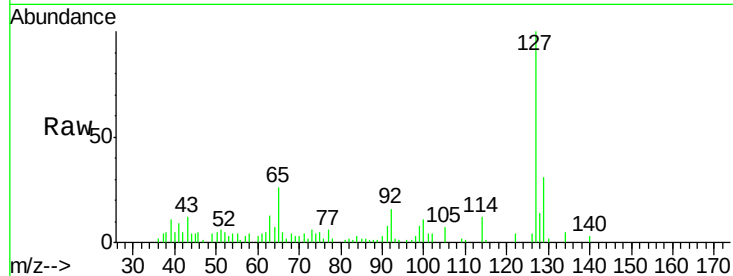
#33
4-Chloroaniline
Concen: 1.790 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	27.4	41.0		
65	25.9	23.6	35.4		
92	16.4	15.0	22.4		

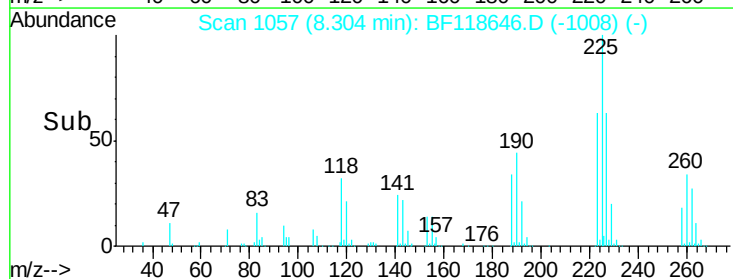
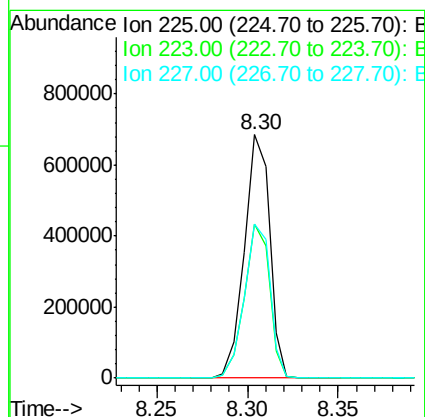
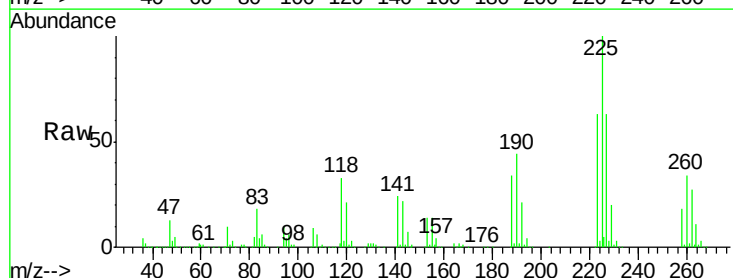
Manual Integrations
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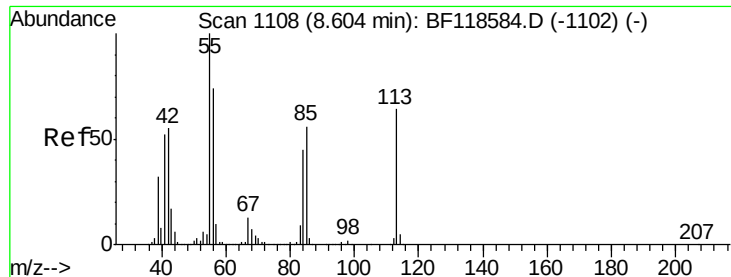
mohammad
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#34
Hexachlorobutadiene
Concen: 43.112 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.2	75.4		
227	63.0	52.1	78.1		





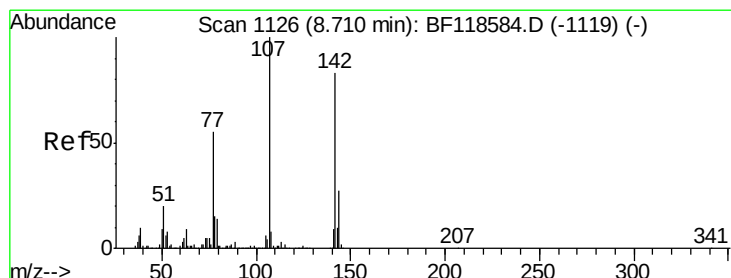
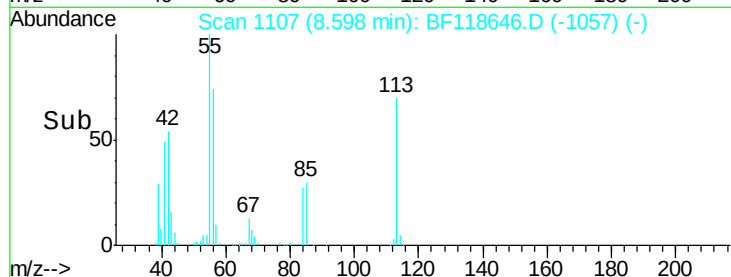
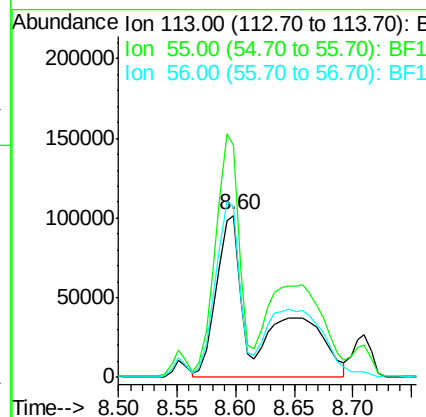
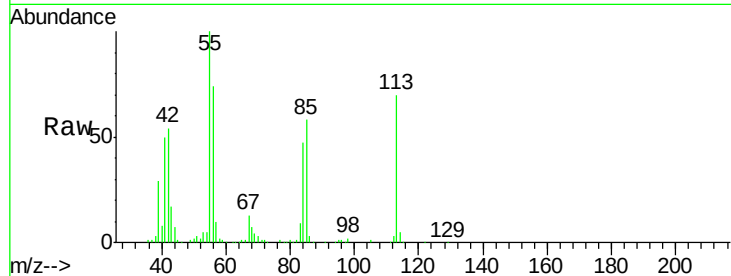
#35
 Caprolactam
 Concen: 37.708 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	142.9		136.1	176.1	
56	105.4		95.2	135.2	

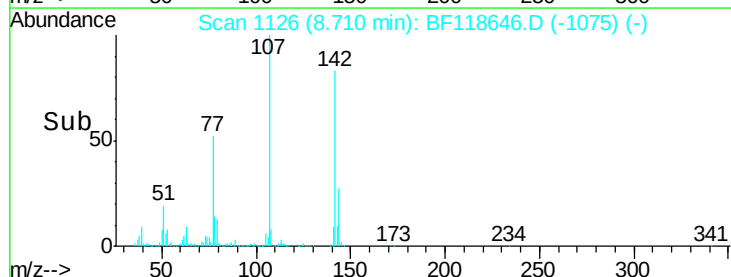
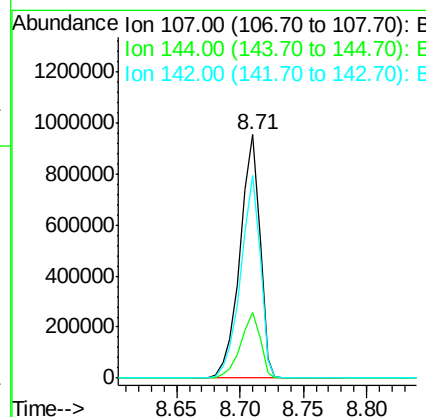
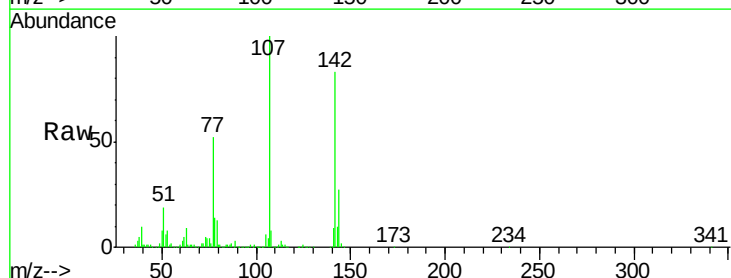
Manual Integrations
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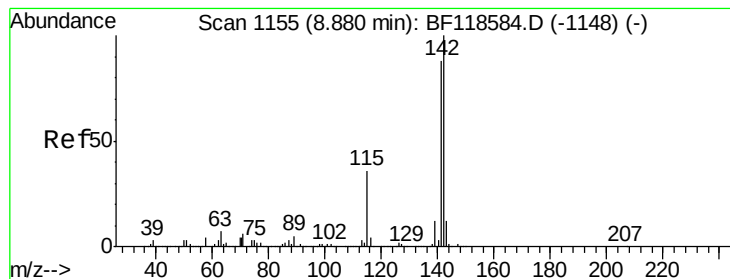
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 47.948 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.0		21.8	32.8	
142	83.4		66.5	99.7	





#37

2-Methylnaphthalene

Concen: 48.935 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tot Ion:142 Resp: 2285280

Ion Ratio Lower Upper

142 100

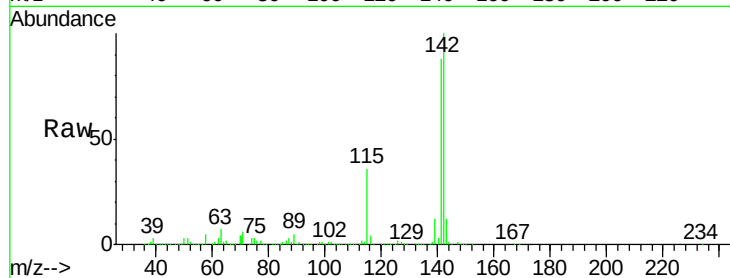
141 88.4 70.7 106.1

115 35.5 28.5 42.7

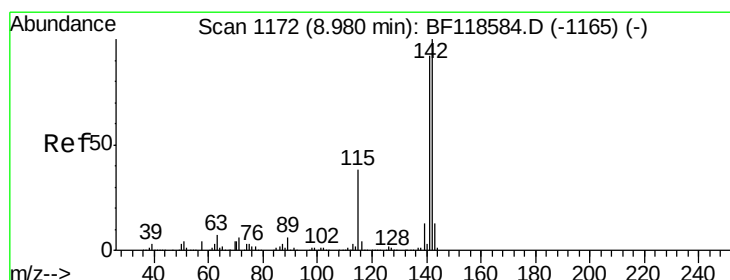
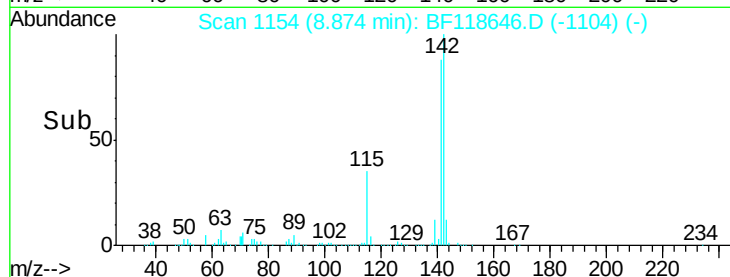
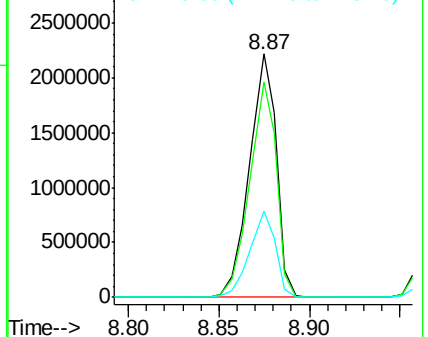
Manual Integrations
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.371 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

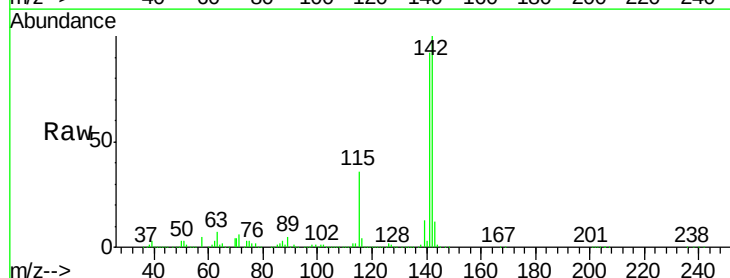
Tgt Ion:142 Resp: 2146096

Ion Ratio Lower Upper

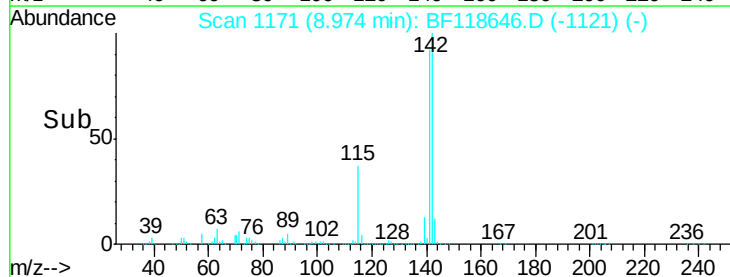
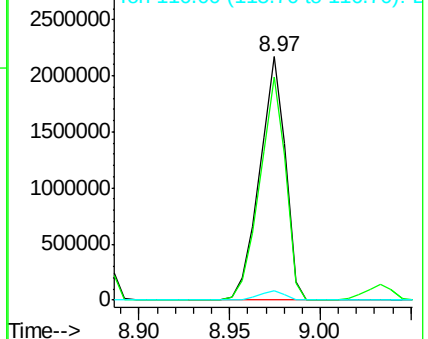
142 100

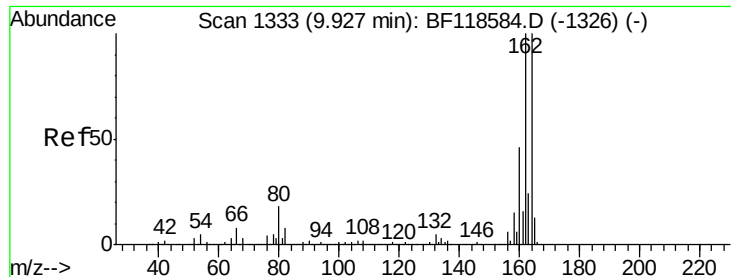
141 91.5 73.4 110.2

116 3.8 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





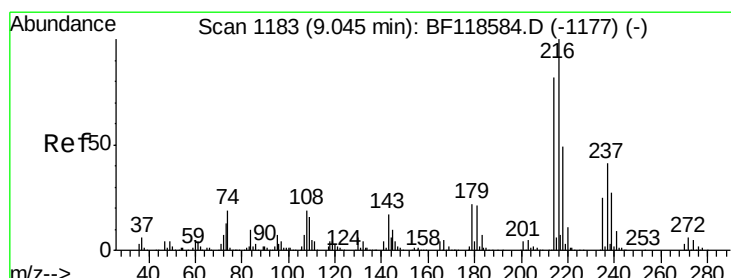
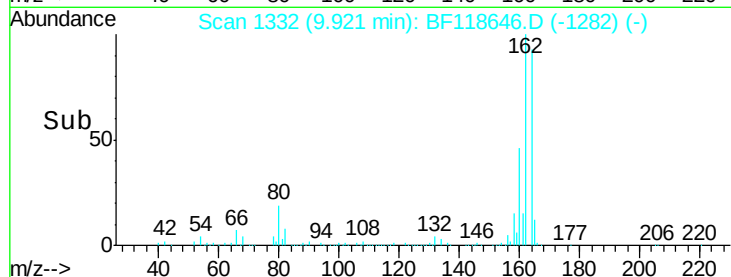
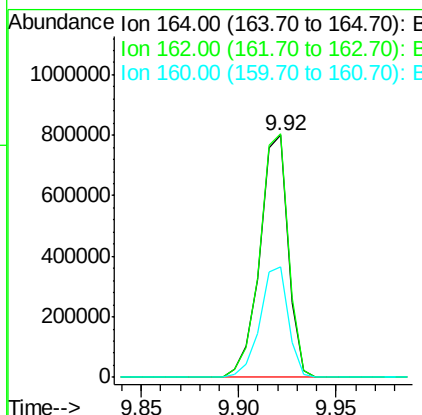
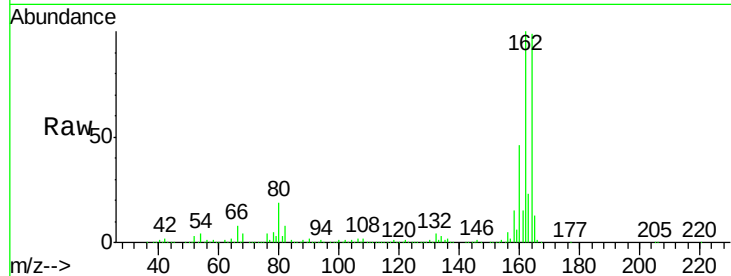
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.4	120.6
160	45.9	36.6	55.0

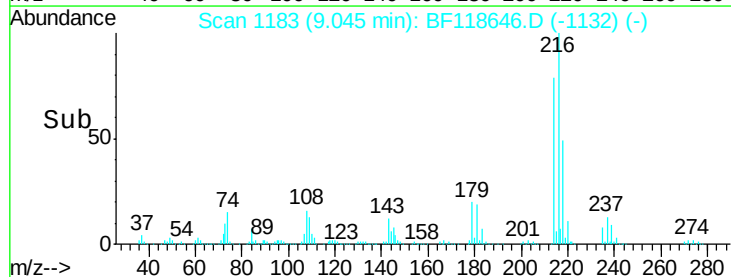
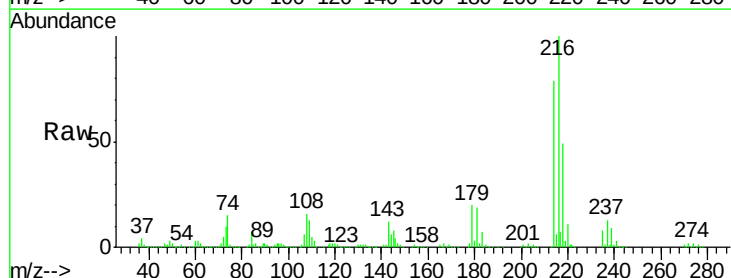
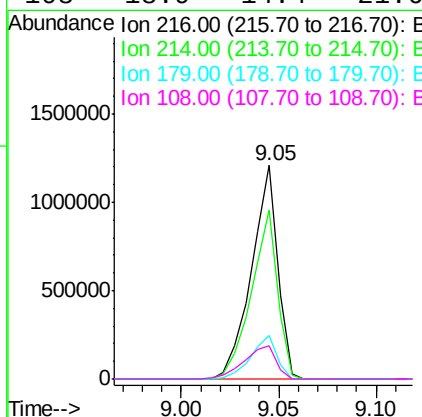
Manual Integrations
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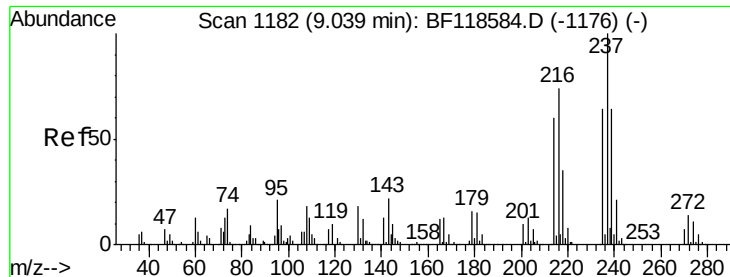
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.782 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	64.2	96.2
179	20.1	16.6	25.0
108	18.9	14.4	21.6





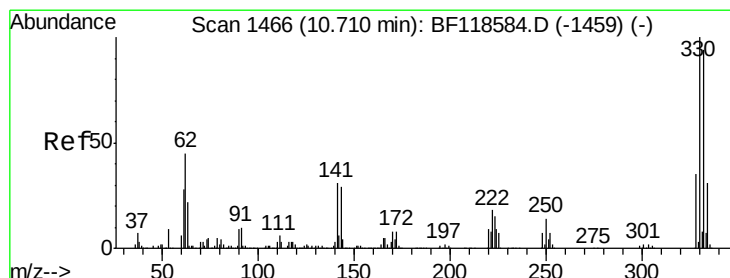
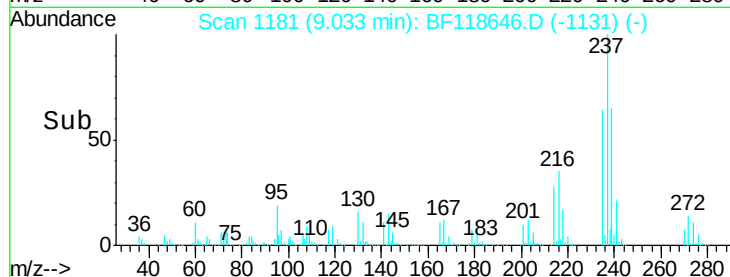
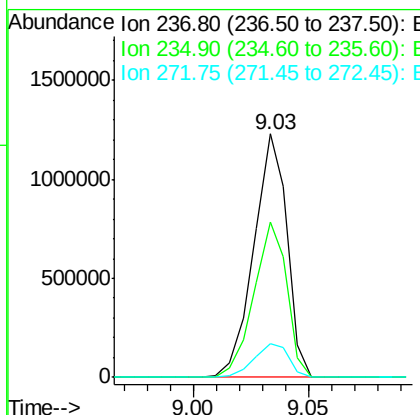
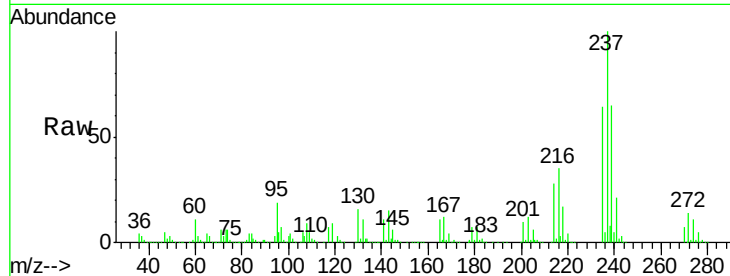
#41
Hexachlorocyclopentadiene
Concen: 96.730 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion:	237	Resp:	1230177
Ion Ratio		Lower	Upper
237	100		
235	63.9	44.0	84.0
272	14.0	0.0	34.0

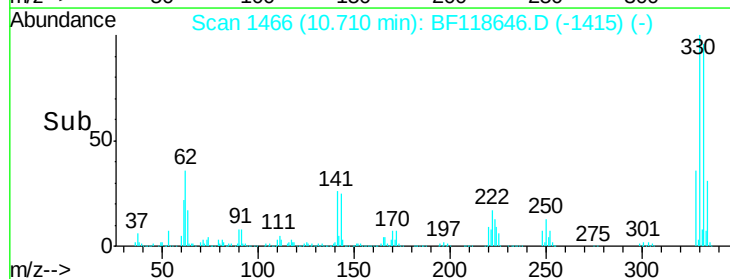
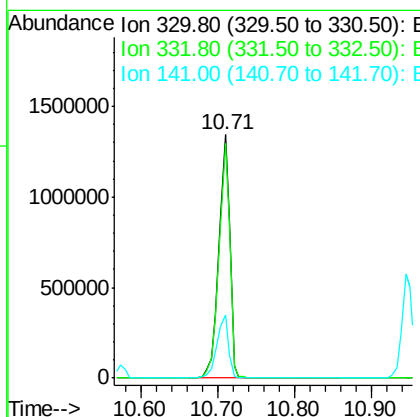
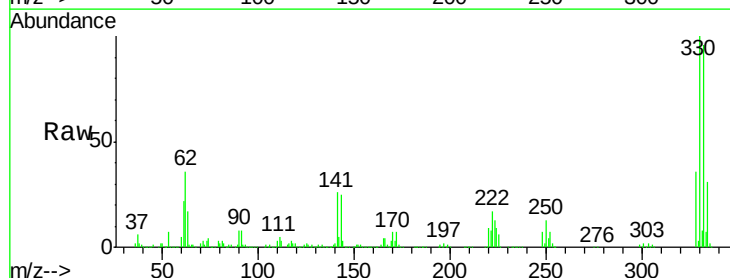
Manual Integrations
APPROVED

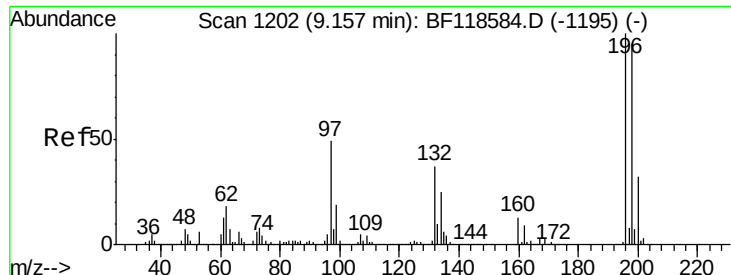
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#42
2,4,6-Tribromophenol
Concen: 141.458 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:	330	Resp:	1318082
Ion Ratio		Lower	Upper
330	100		
332	96.1	76.2	114.4
141	26.8	23.9	35.9





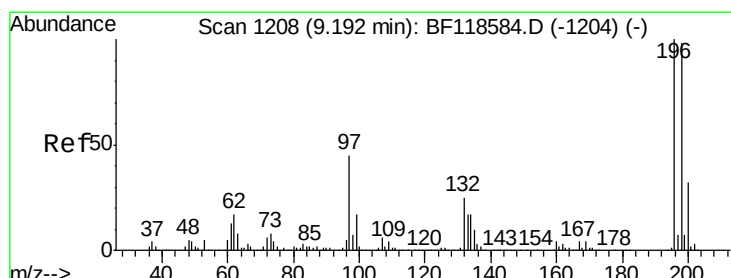
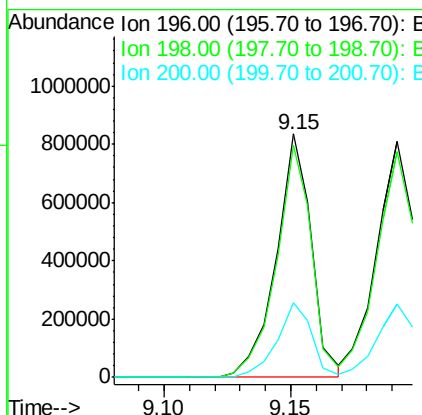
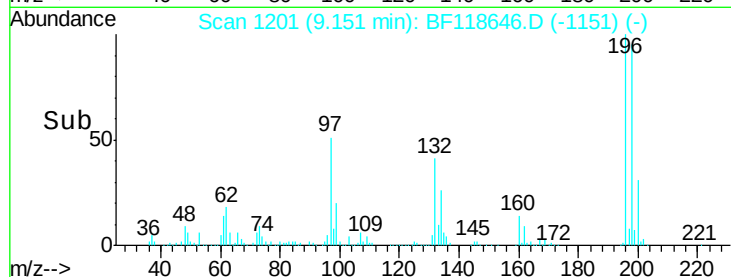
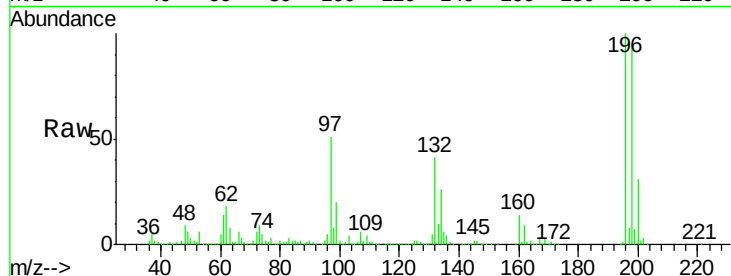
#43
 2,4,6-Trichlorophenol
 Concen: 48.327 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

Tot Ion:	196	Resp:	808357
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.3	114.5
200	30.6	25.4	38.2

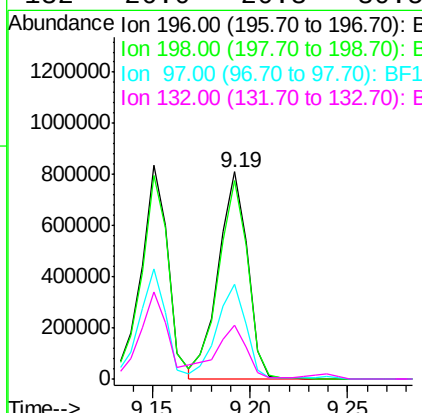
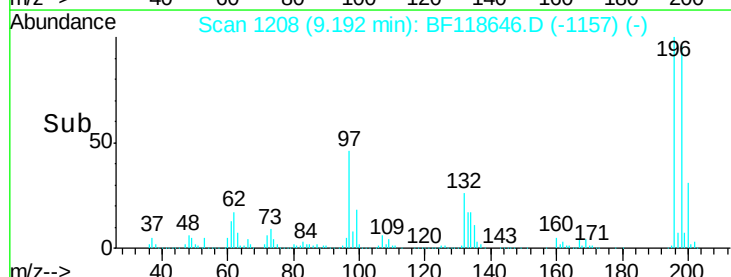
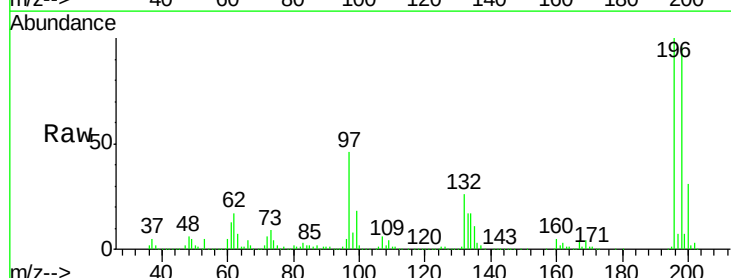
Manual Integrations
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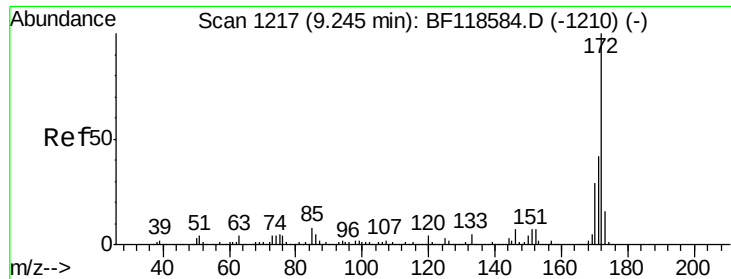
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.323 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion:	196	Resp:	842582
Ion Ratio	Lower	Upper	
196	100		
198	96.0	78.3	117.5
97	45.6	35.9	53.9
132	26.0	20.3	30.5





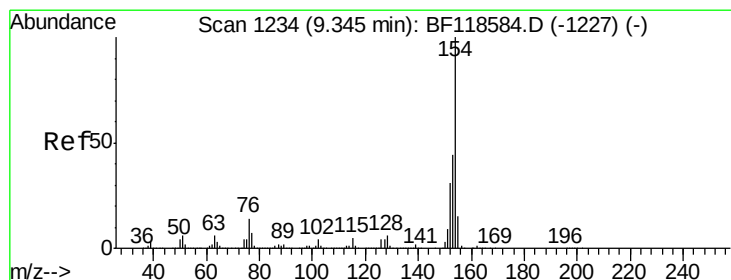
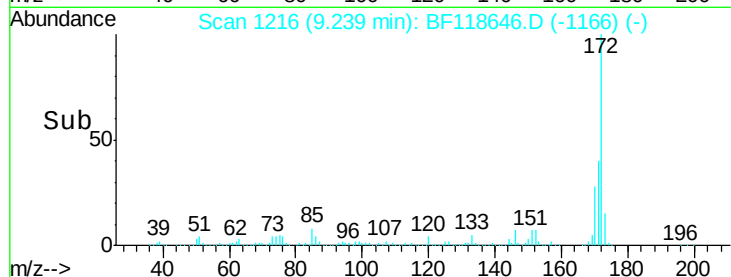
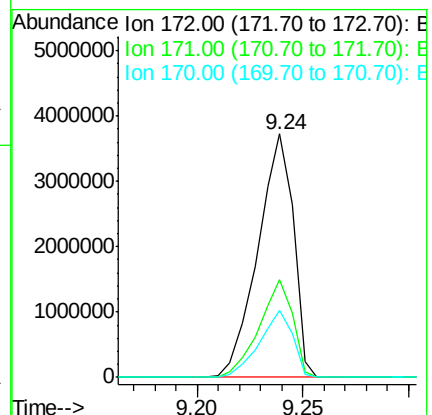
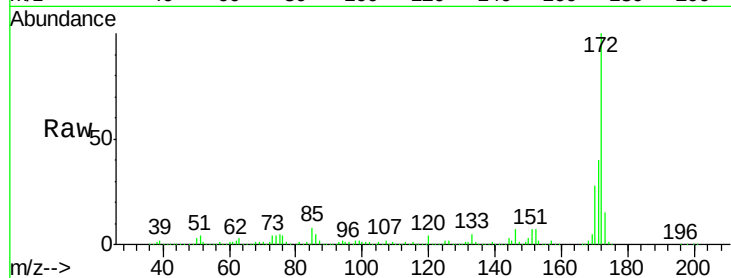
#45
2-Fluorobiphenyl
Concen: 88.680 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.3	33.4	50.2
170	27.6	23.2	34.8

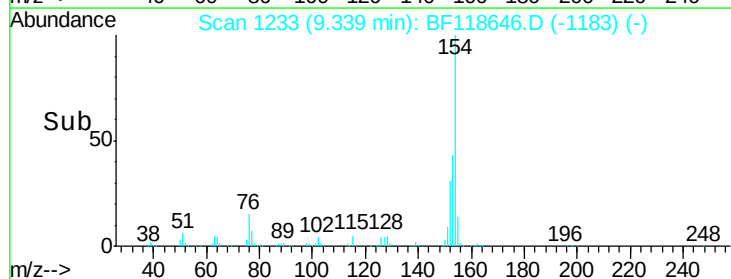
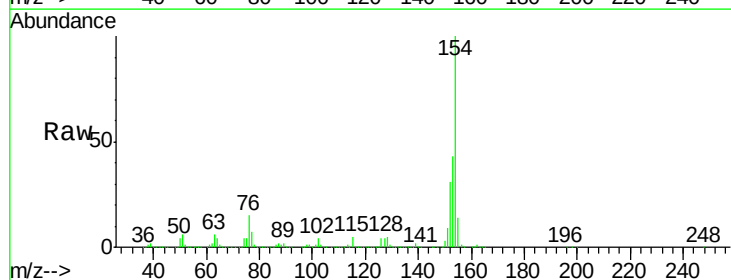
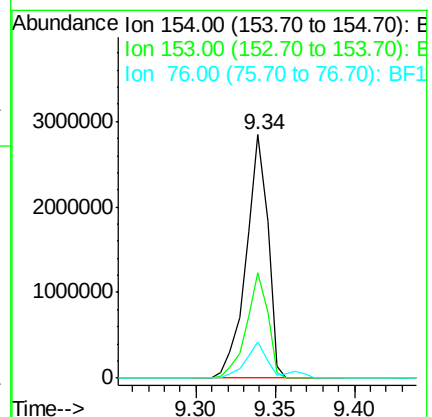
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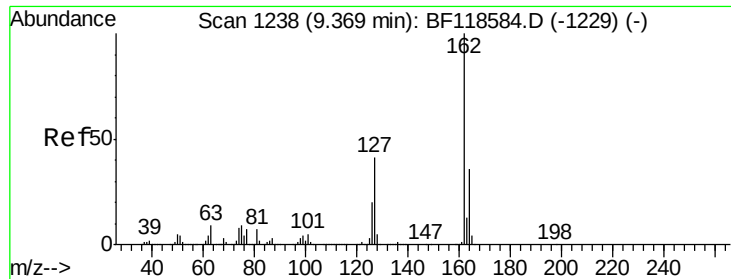
mohammad
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#46
1,1'-Biphenyl
Concen: 48.410 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.8	63.8
76	14.8	0.0	34.3





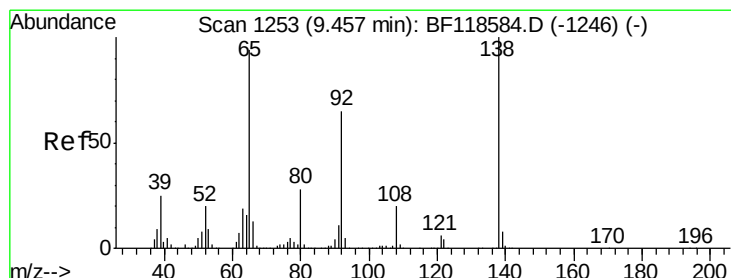
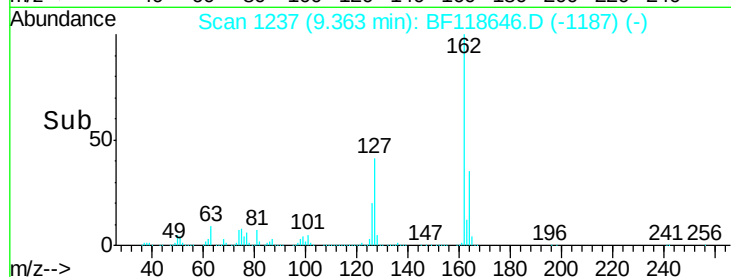
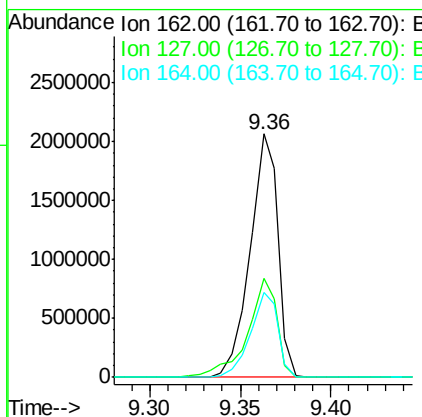
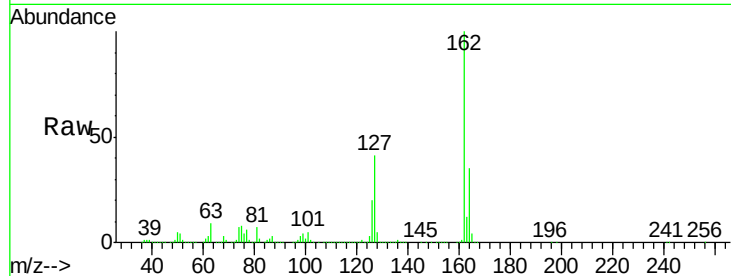
#47
2-Chloronaphthalene
Concen: 46.892 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.0	49.6
164	34.9	28.6	42.8

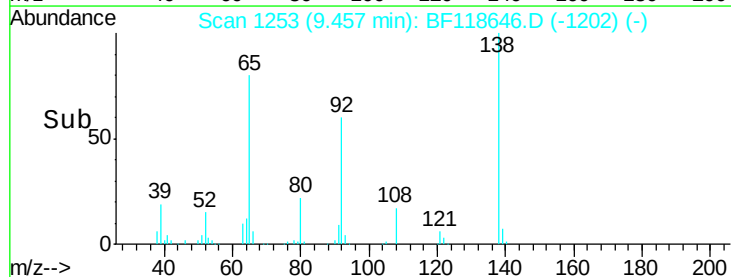
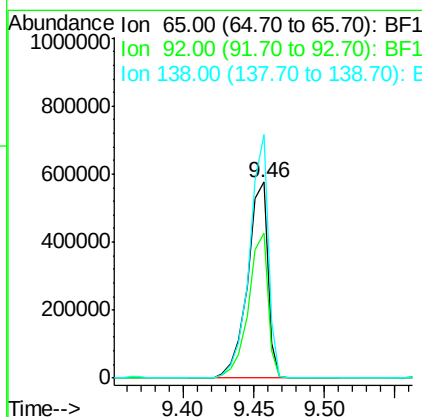
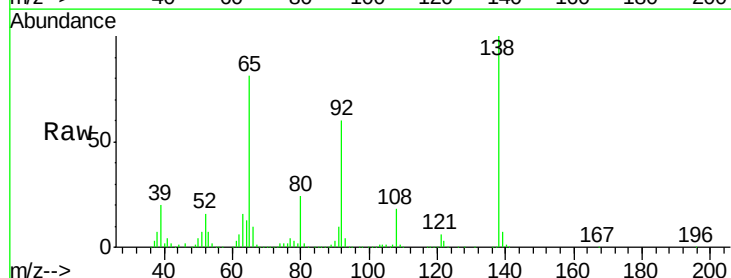
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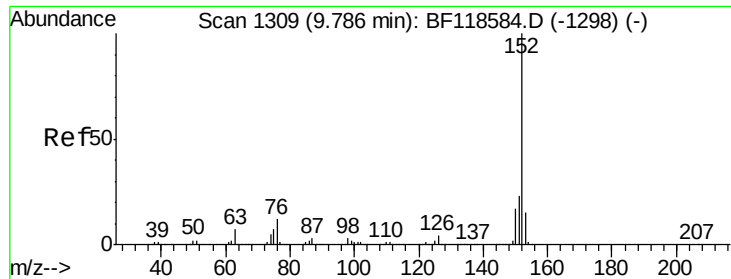
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#48
2-Nitroaniline
Concen: 40.556 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	55.4	83.0
138	124.2	85.0	127.6





#49

Acenaphthylene

Concen: 50.161 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tot Ion:152 Resp: 3302402

Ion Ratio Lower Upper

152 100

151 22.6 18.6 27.8

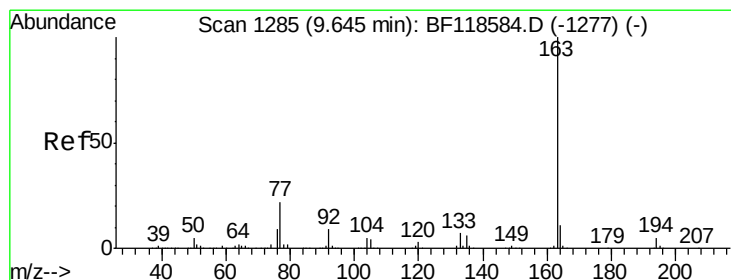
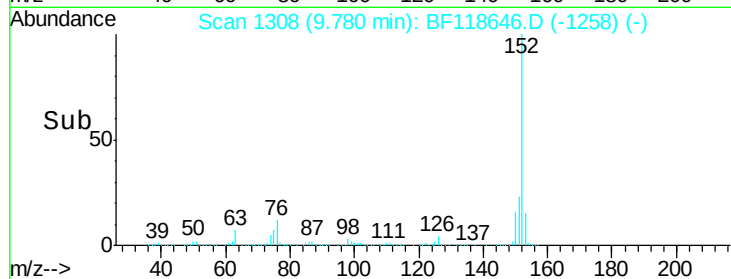
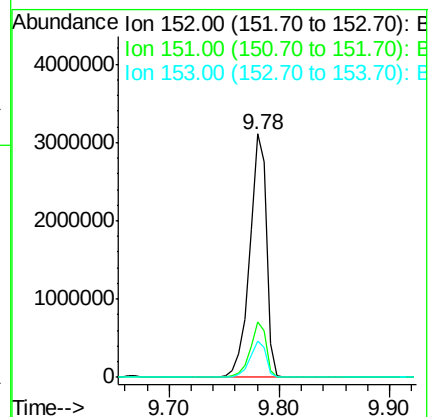
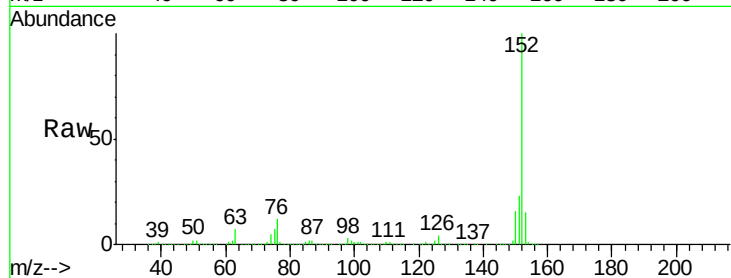
153 15.1 12.2 18.4

Manual Integrations

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#50

Dimethylphthalate

Concen: 52.412 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

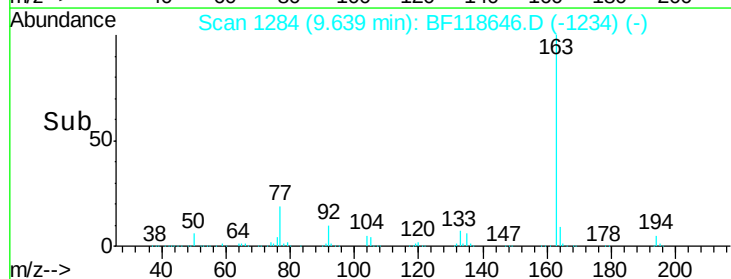
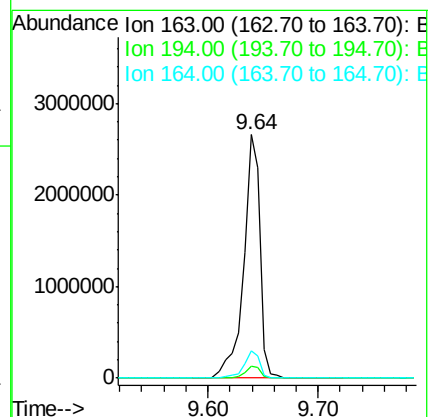
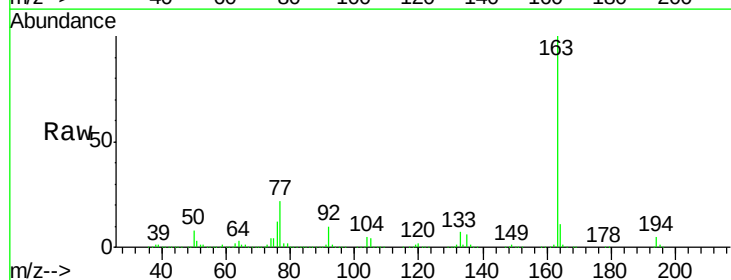
Tgt Ion:163 Resp: 2750920

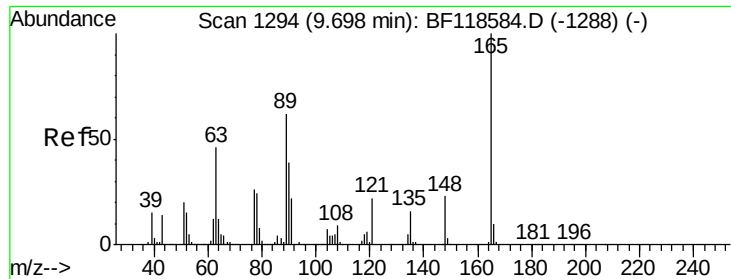
Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

164 11.3 9.1 13.7





#51

2,6-Dinitrotoluene

Concen: 49.622 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tot Ion:165 Resp: 583208
Ion Ratio Lower Upper

165 100

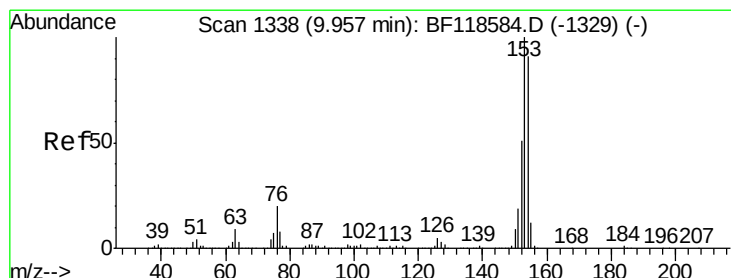
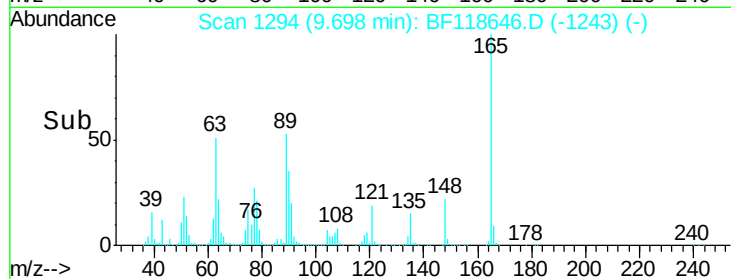
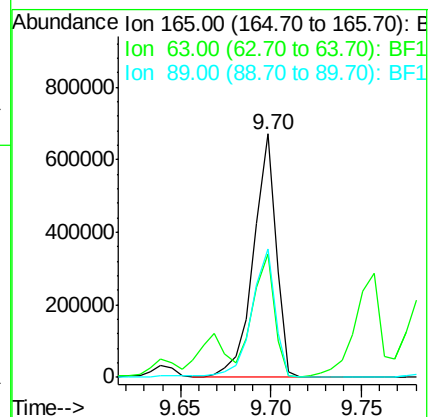
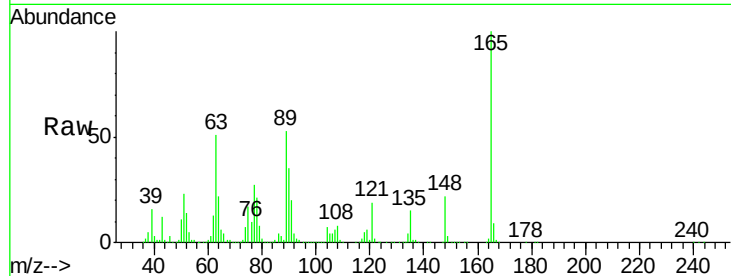
63 50.8 48.9 73.3

89 52.5 49.8 74.6

Manual Integrations
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#52

Acenaphthene

Concen: 51.758 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF118646.D

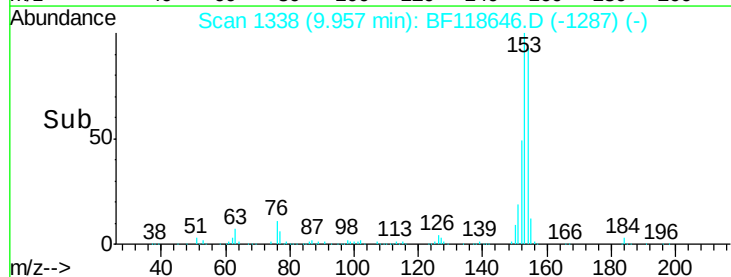
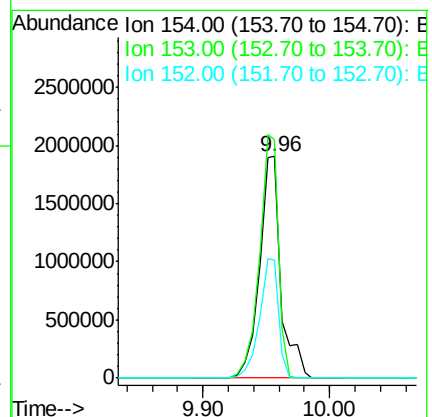
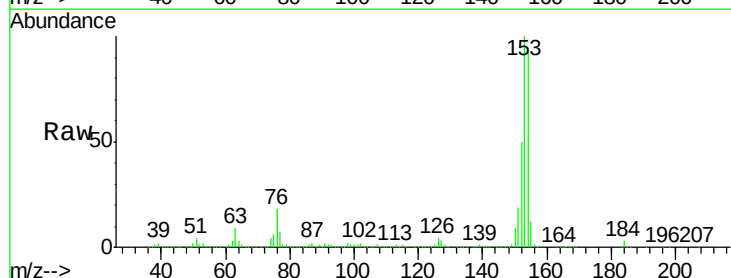
Acq: 21 Jan 2020 21:42

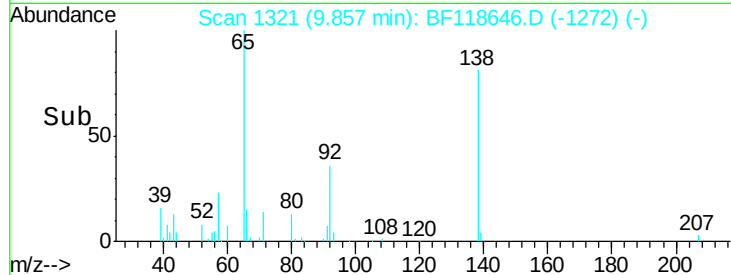
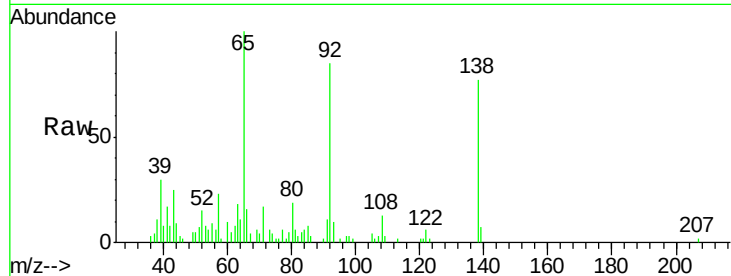
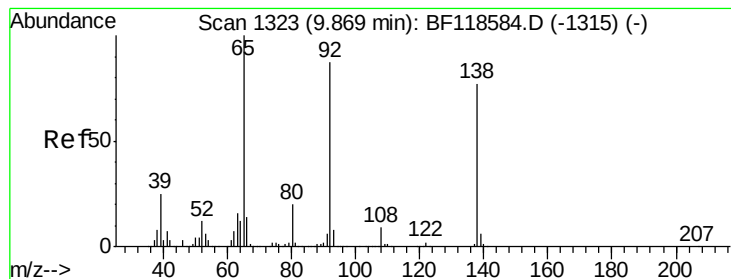
Tgt Ion:154 Resp: 2278520
Ion Ratio Lower Upper

154 100

153 107.7 87.6 131.4

152 53.6 44.4 66.6





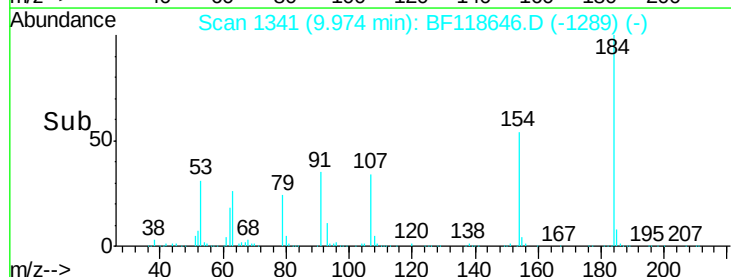
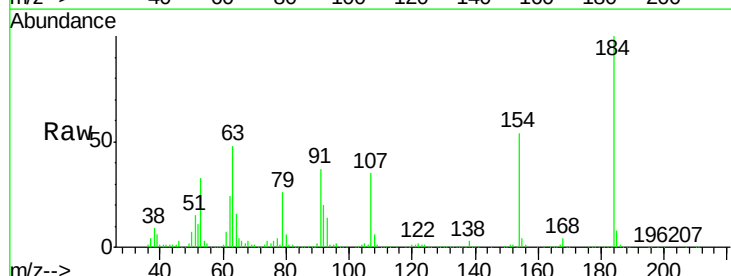
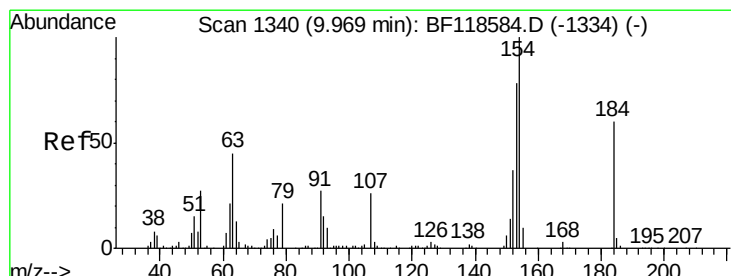
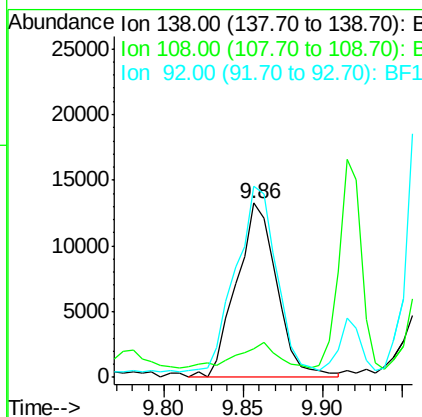
#53
3-Nitroaniline
Concen: 1.751 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tot Ion:138 Resp: 23504
Ion Ratio Lower Upper
138 100
108 16.5 9.6 14.4#
92 110.2 90.6 136.0

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

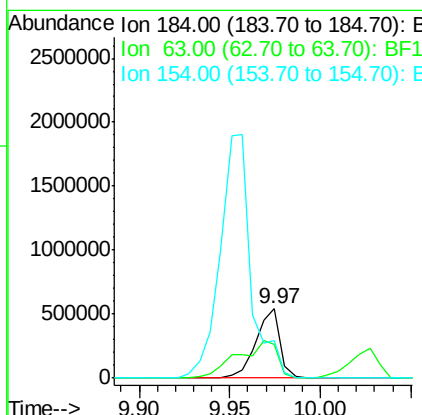
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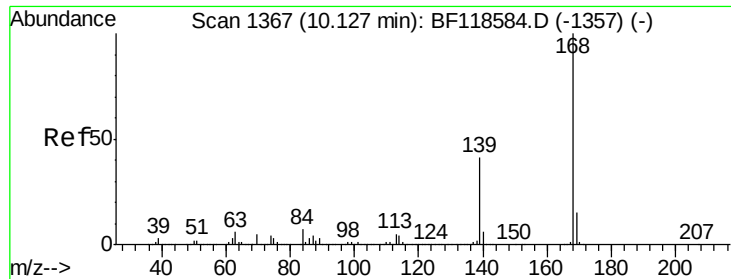
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#54
2,4-Dinitrophenol
Concen: 105.777 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:184 Resp: 496322
Ion Ratio Lower Upper
184 100
63 48.3 60.6 90.8#
154 54.3 137.3 205.9#





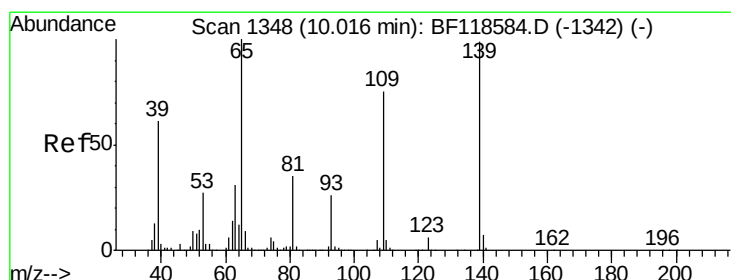
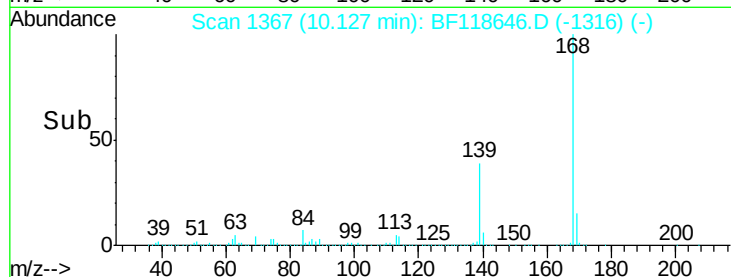
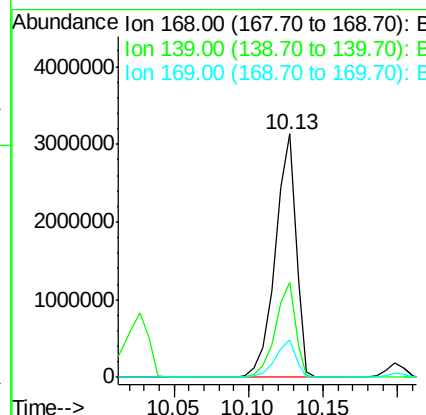
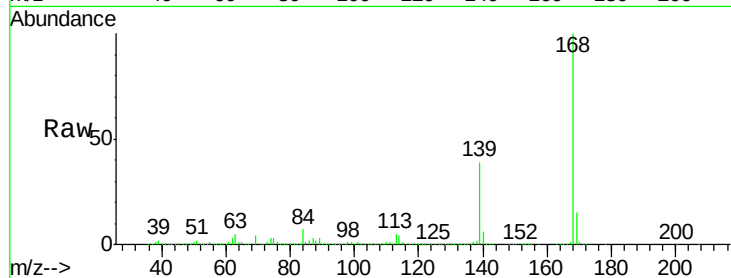
#55
Dibenzenofuran
Concen: 49.534 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion:168 Resp: 3021958
Ion Ratio Lower Upper
168 100
139 38.9 32.7 49.1
169 15.2 12.2 18.2

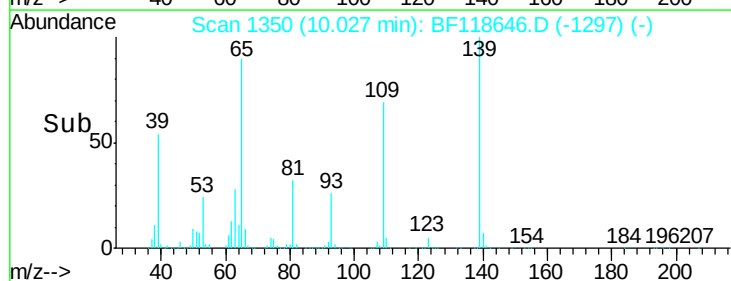
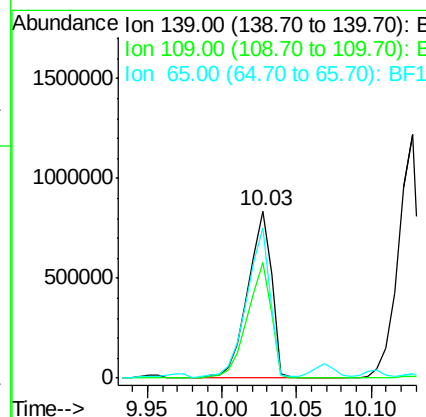
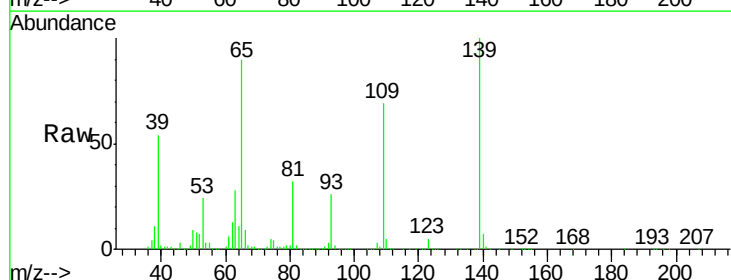
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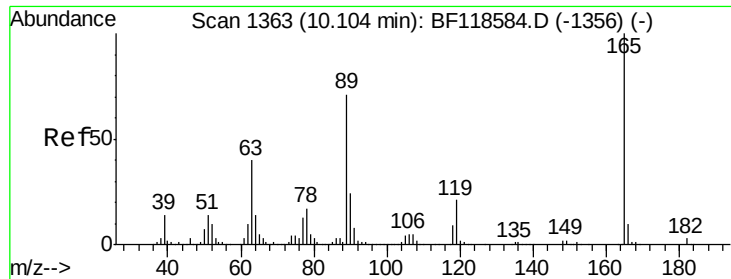
mohammad
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#56
4-Nitrophenol
Concen: 91.688 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:139 Resp: 928909
Ion Ratio Lower Upper
139 100
109 69.3 56.0 96.0
65 90.0 81.4 121.4





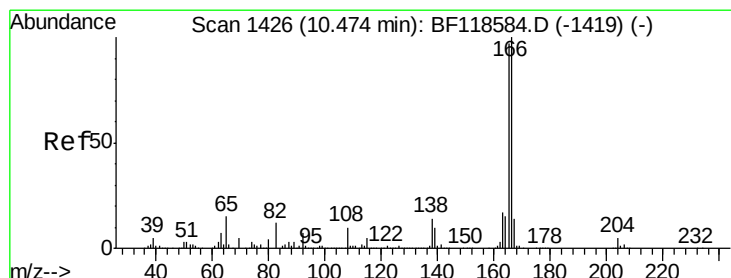
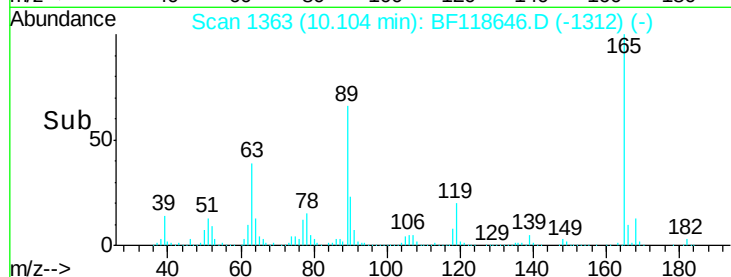
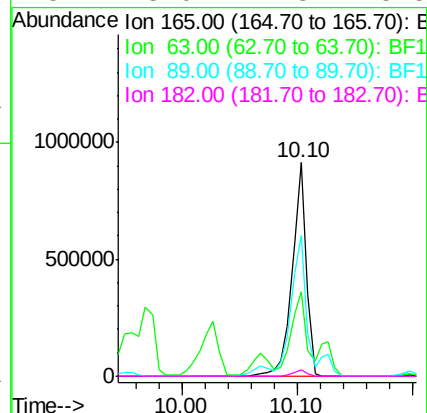
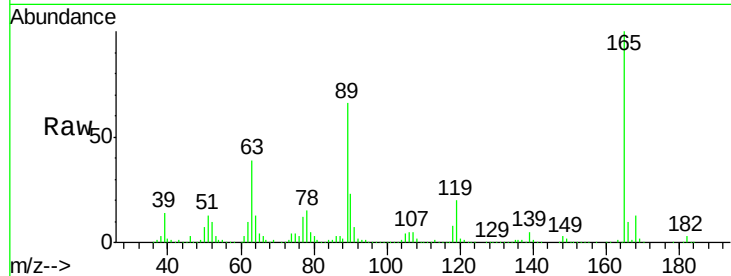
#57
2,4-Dinitrotoluene
Concen: 52.654 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		780149		
63	39.3	32.4	48.6		
89	65.8	56.4	84.6		
182	3.0	2.3	3.5		

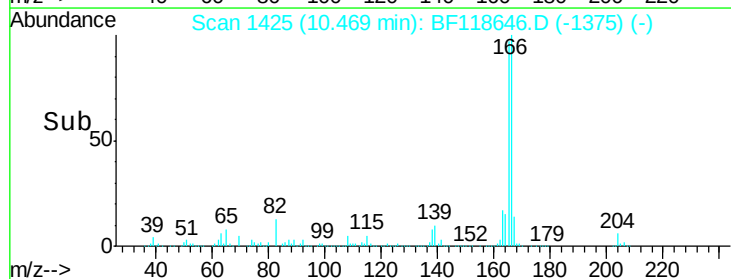
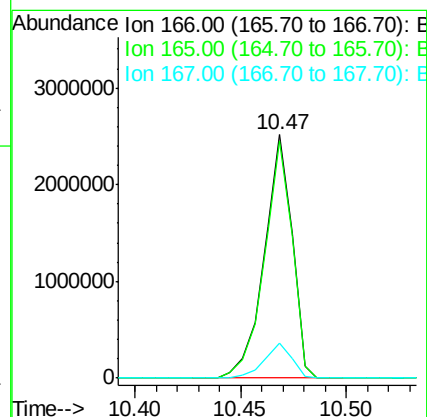
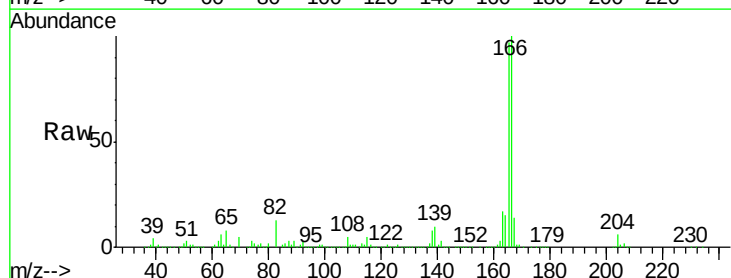
Manual Integrations
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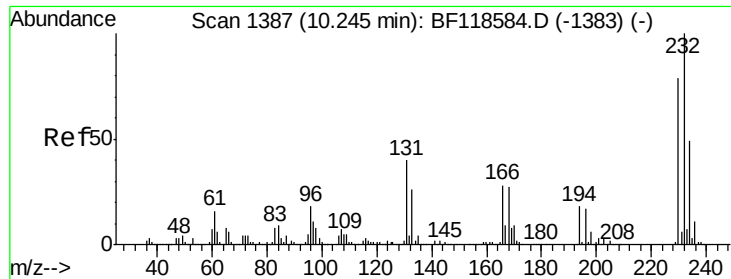
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#58
Fluorene
Concen: 48.303 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2313420		
165	97.2	77.3	115.9		
167	14.5	11.5	17.3		





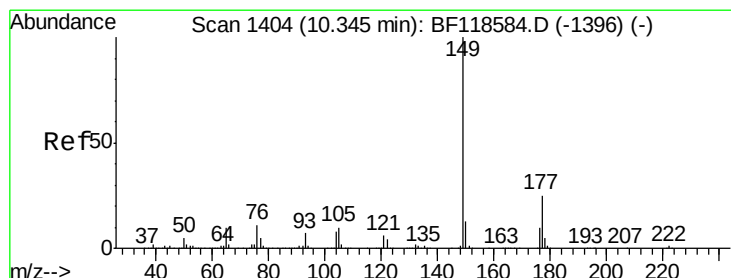
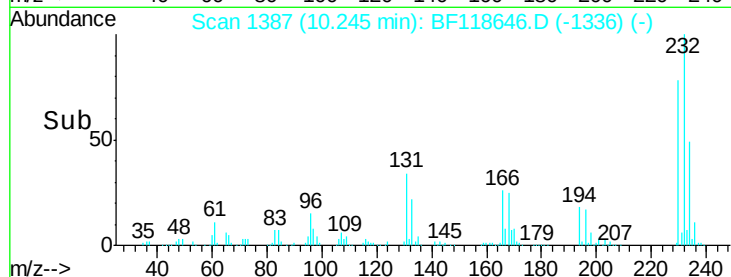
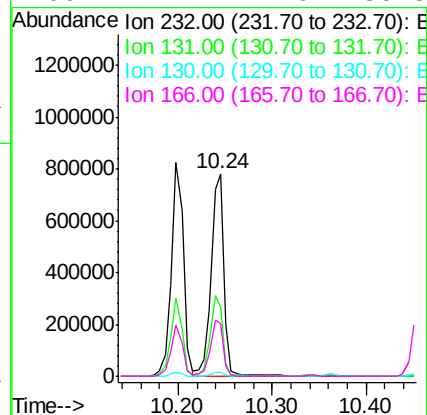
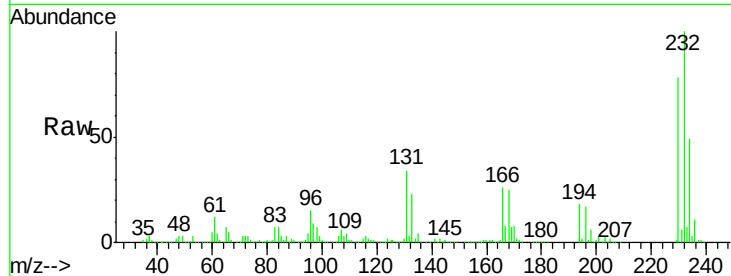
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.562 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.5	33.2	49.8
130	2.0	1.8	2.6
166	27.7	22.6	33.8

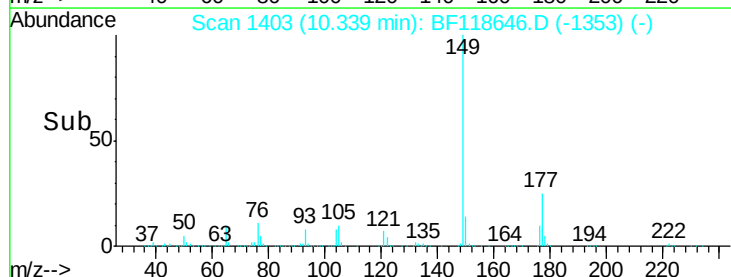
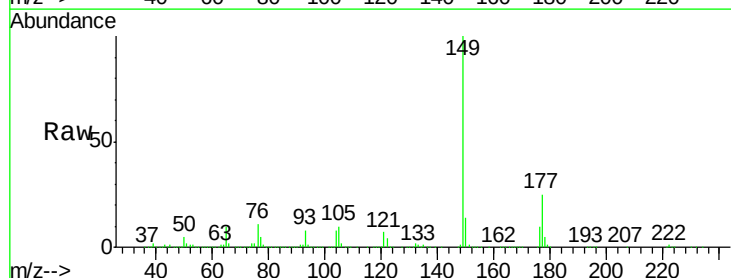
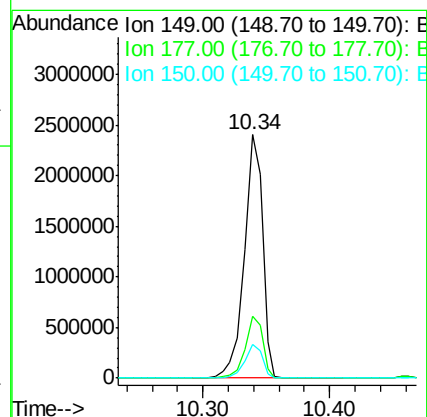
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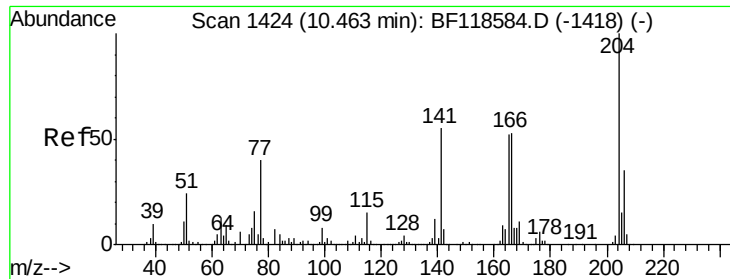
mohammad
 1/22/2020 1:36:23 PM



#60
 Diethylphthalate
 Concen: 46.588 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.0	30.0
150	13.7	10.6	16.0





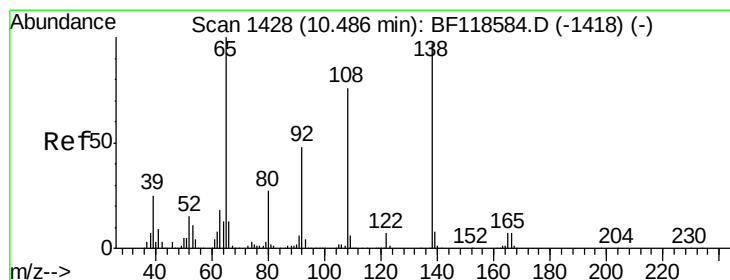
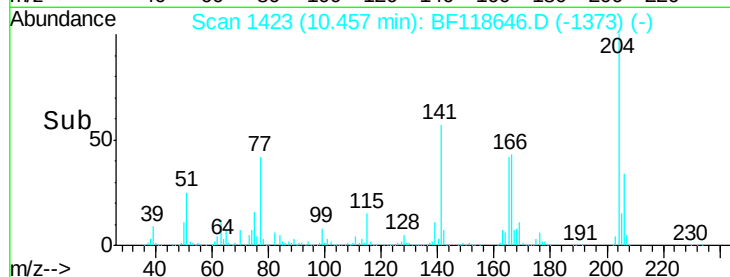
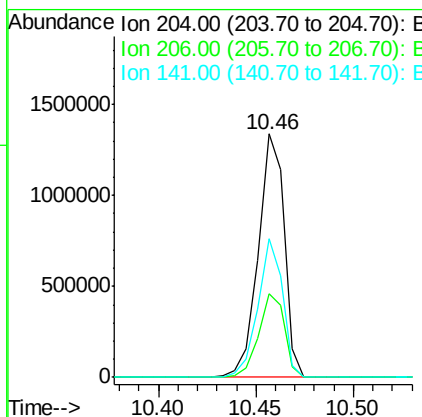
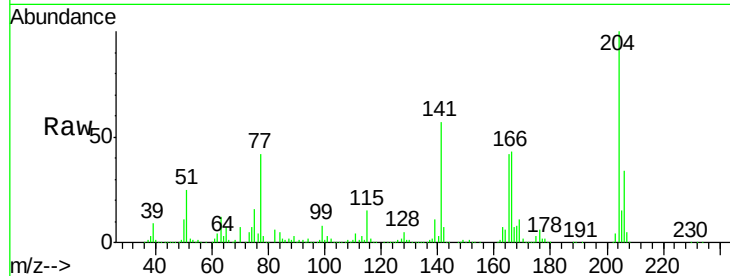
#61
4-Chlorophenyl-phenylether
Concen: 47.207 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.8	41.6
141	57.1	43.7	65.5

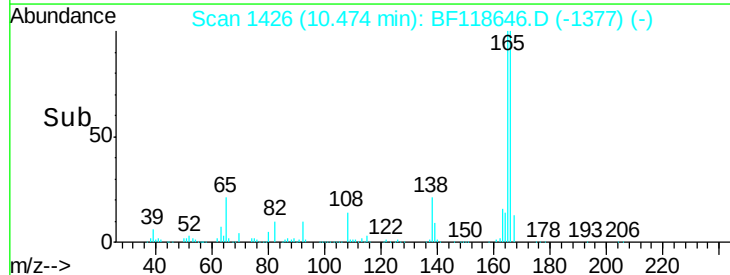
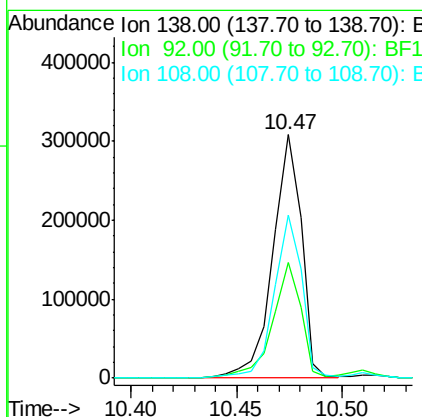
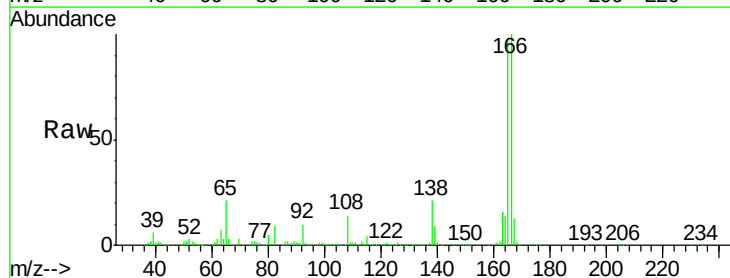
Manual Integrations
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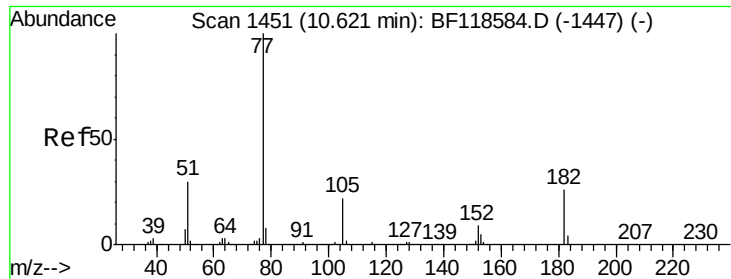
mohammad
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#62
4-Nitroaniline
Concen: 21.277 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	29.4	69.4
108	67.2	58.2	98.2





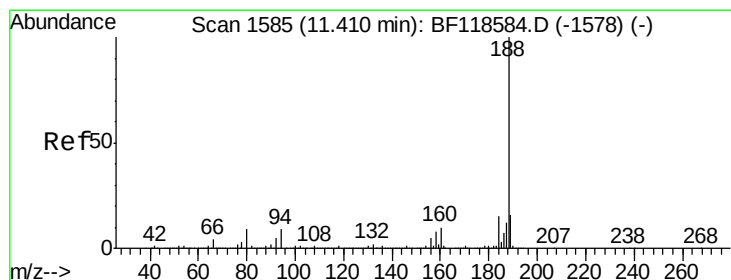
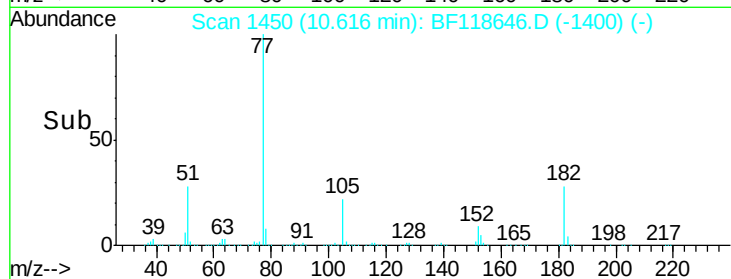
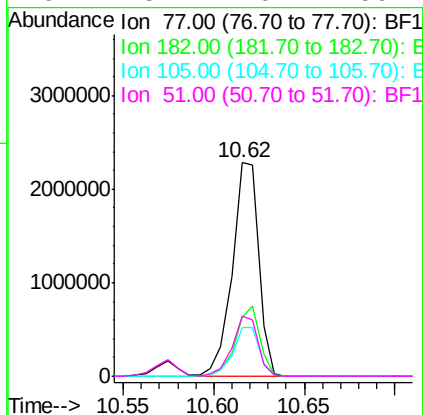
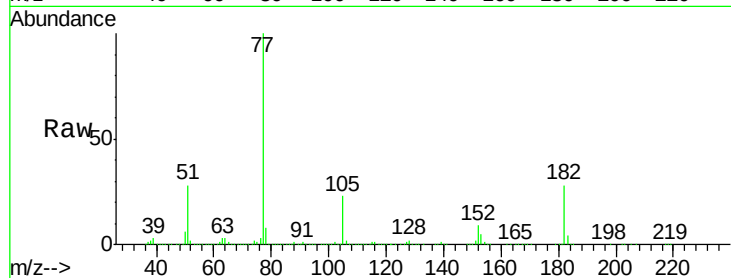
#63
Azobenzene
Concen: 47.105 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.8	5.6	45.6
105	22.6	2.0	42.0
51	28.2	10.2	50.2

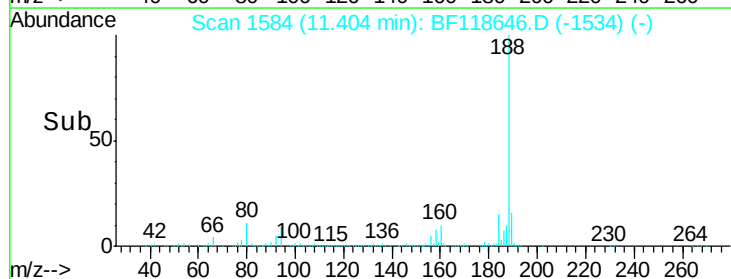
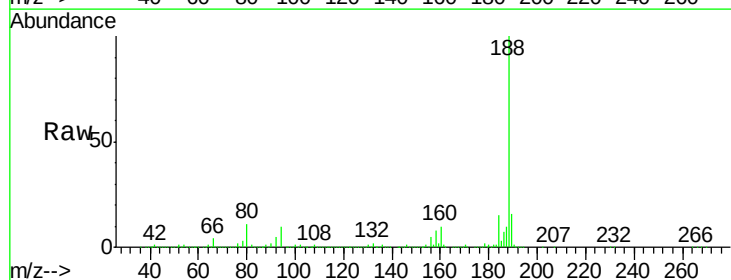
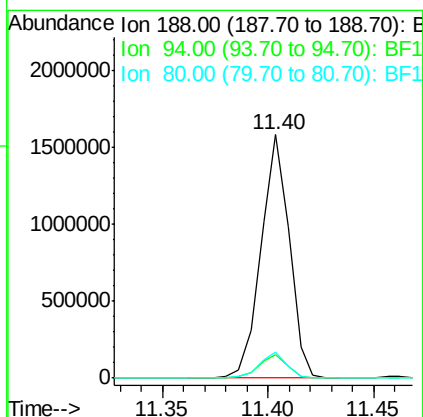
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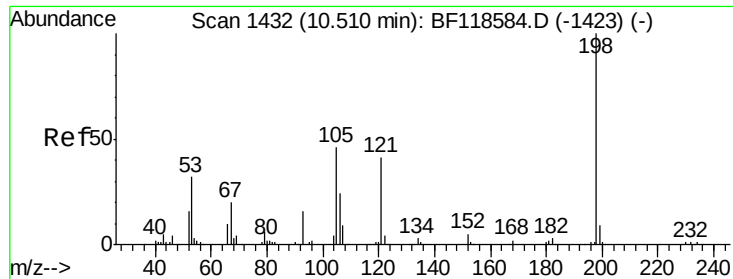
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.1	10.7
80	10.6	7.5	11.3





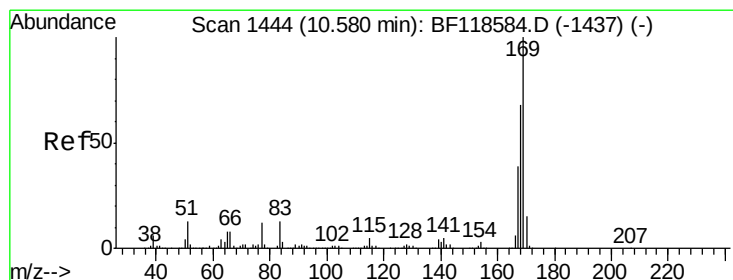
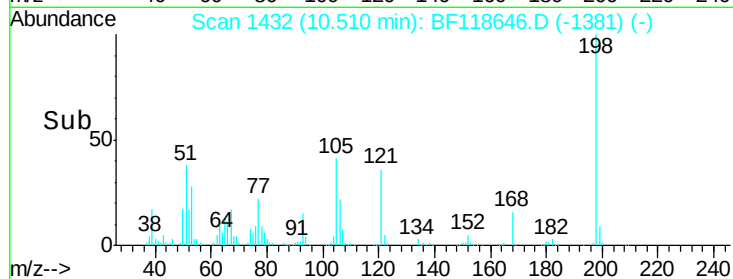
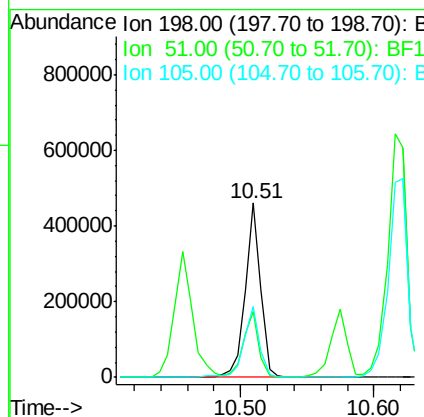
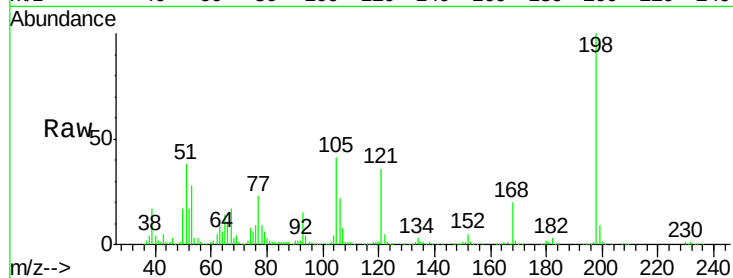
#65
4,6-Dinitro-2-methylphenol
Concen: 56.329 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.9	25.2	65.2
105	40.7	26.3	66.3

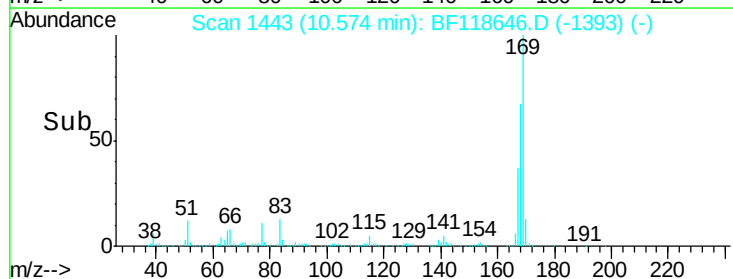
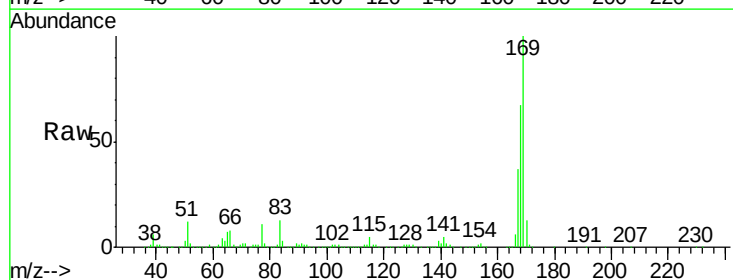
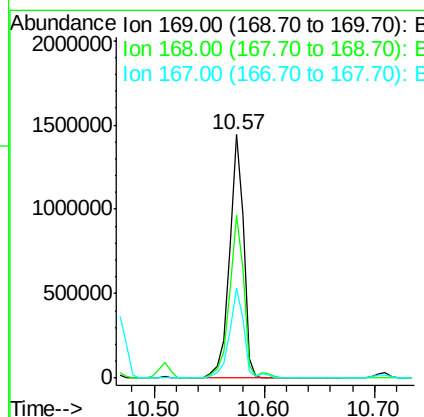
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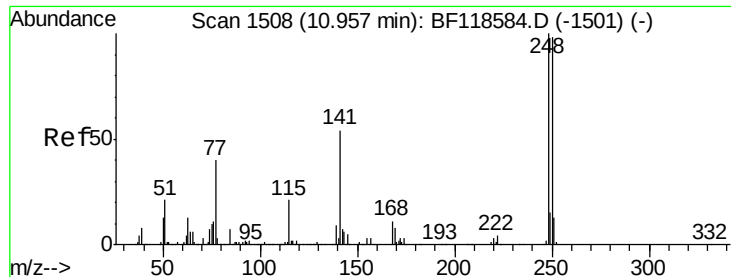
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#66
n-Nitrosodiphenylamine
Concen: 28.932 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.6	82.0
167	37.1	30.9	46.3





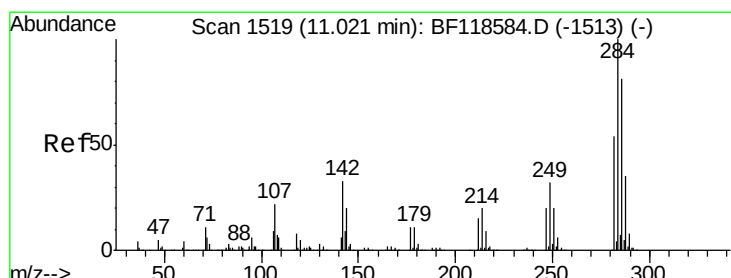
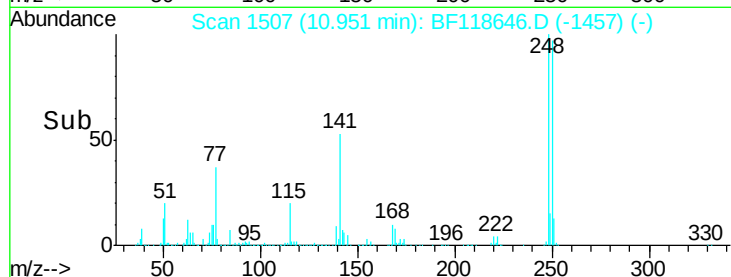
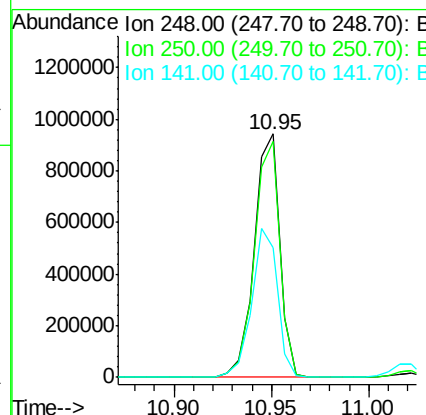
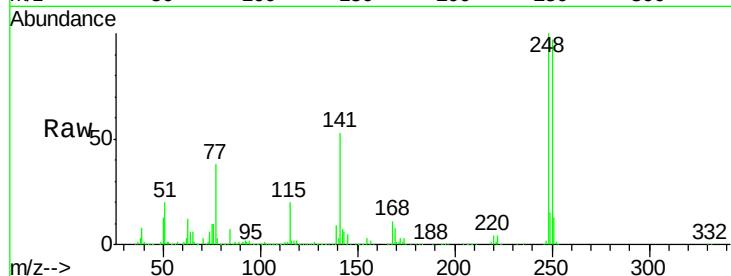
#67
4-Bromophenyl-phenylether
Concen: 46.671 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.7	118.1
141	53.3	43.2	64.8

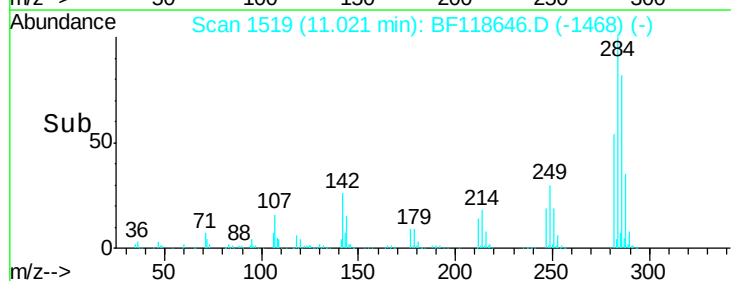
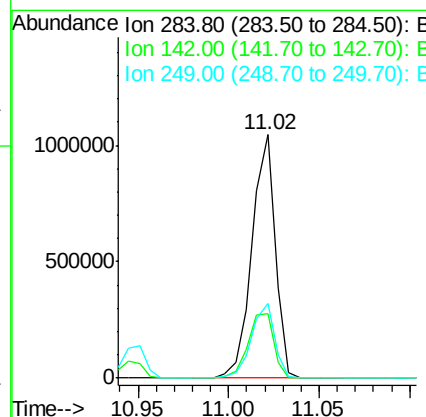
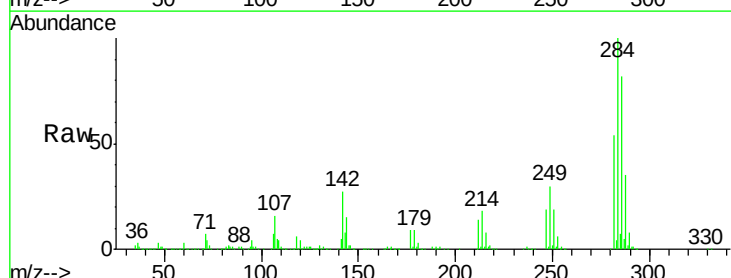
Manual Integrations
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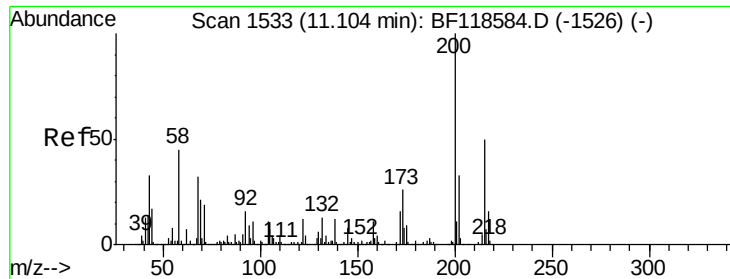
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#68
Hexachlorobenzene
Concen: 45.143 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	26.6	39.8#
249	30.4	25.2	37.8





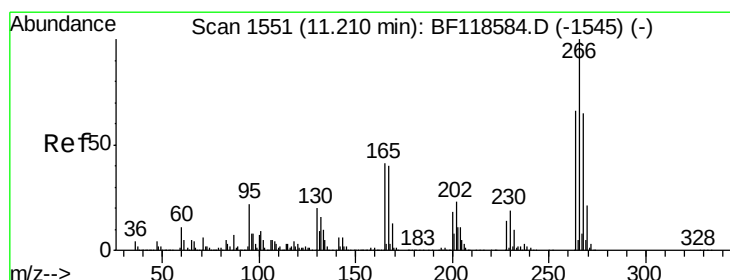
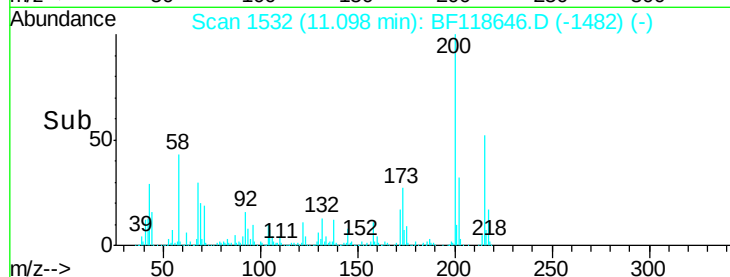
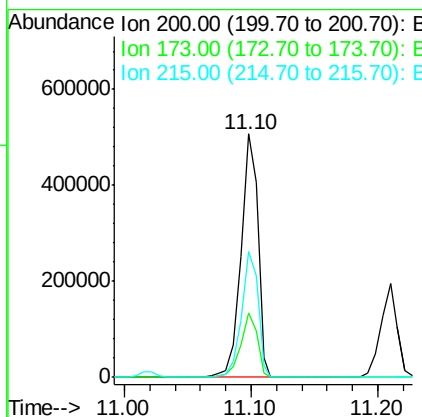
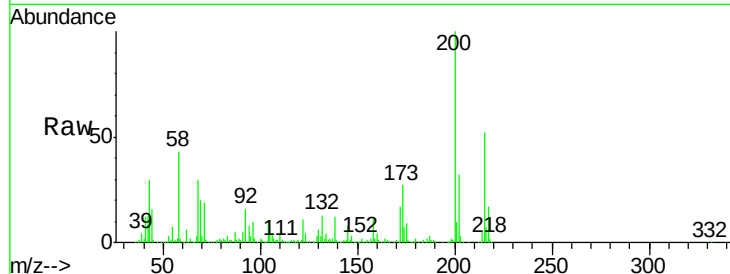
#69
Atrazine
Concen: 29.751 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	460820		
173	26.7	6.3	46.3	
215	51.7	30.2	70.2	

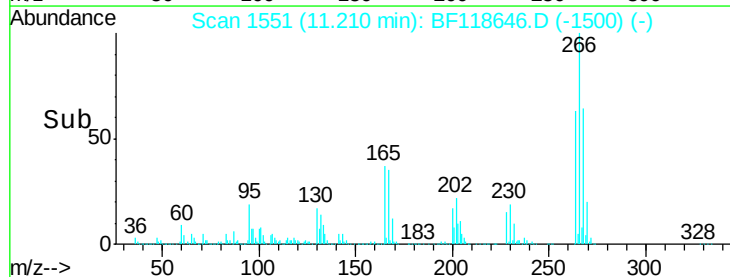
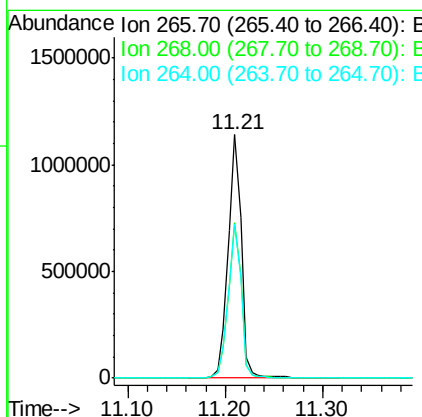
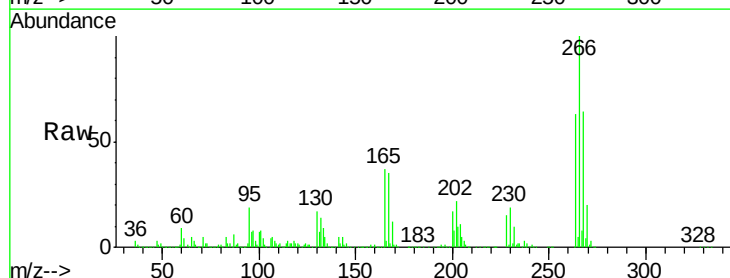
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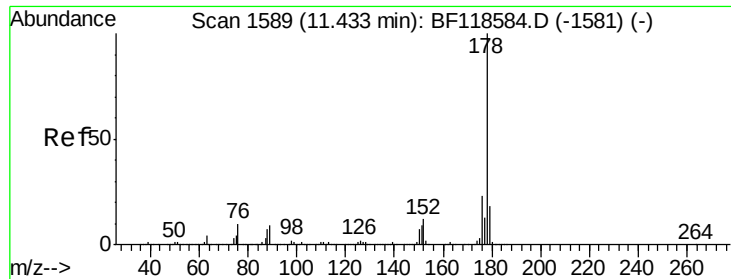
mohammad
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#70
Pentachlorophenol
Concen: 93.744 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1081796		
268	63.9	52.1	78.1	
264	63.4	52.4	78.6	





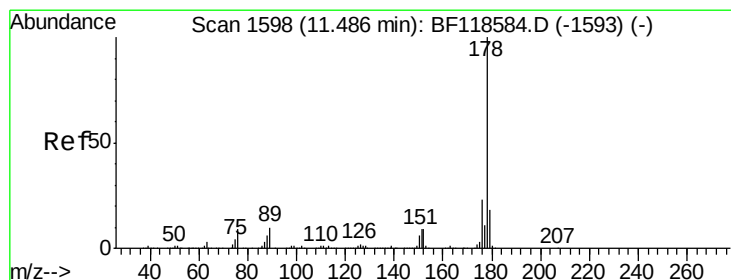
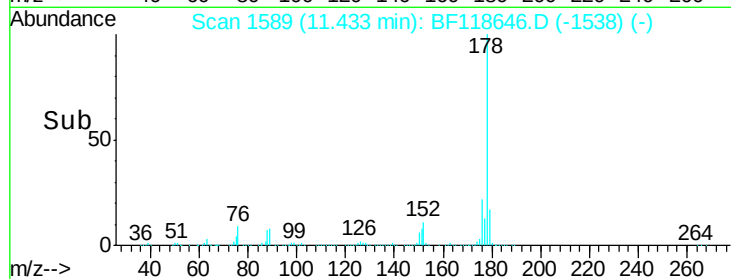
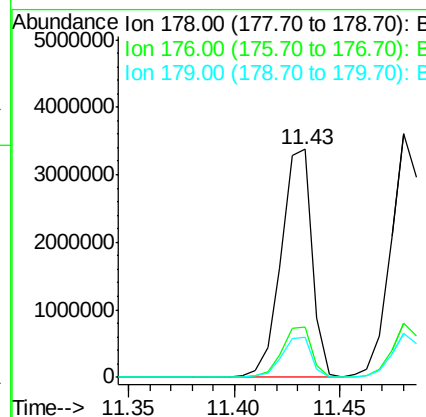
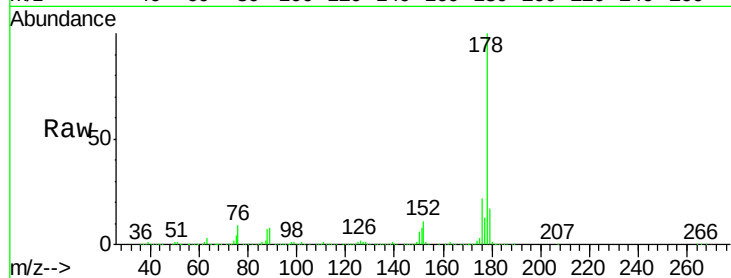
#71
Phenanthrene
Concen: 48.216 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.0	18.6	27.8
179	17.4	14.7	22.1

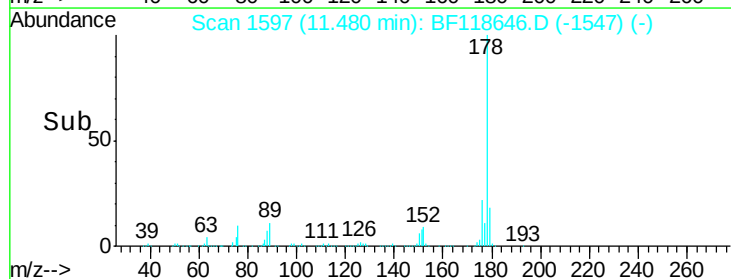
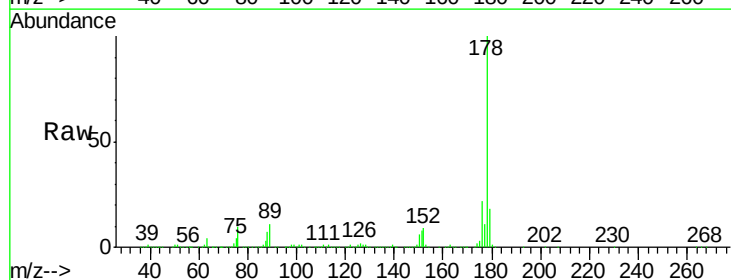
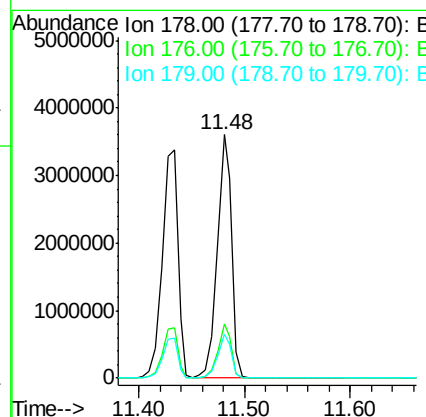
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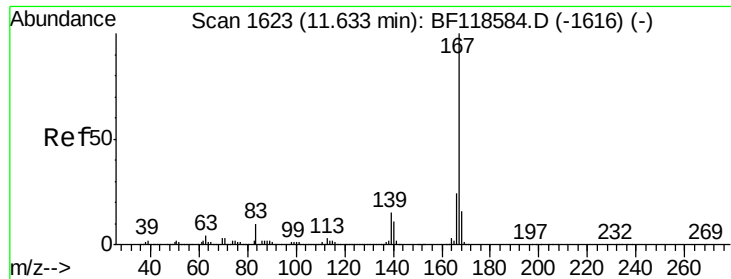
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#72
Anthracene
Concen: 49.269 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.1	18.0	27.0
179	18.2	14.7	22.1





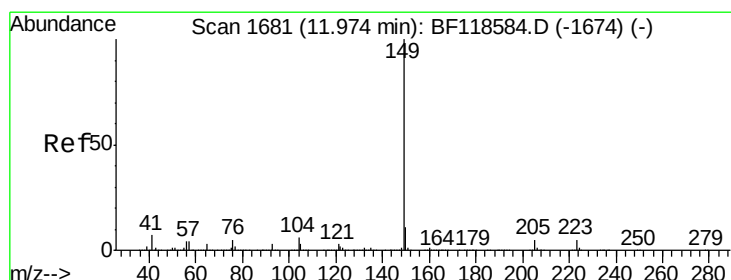
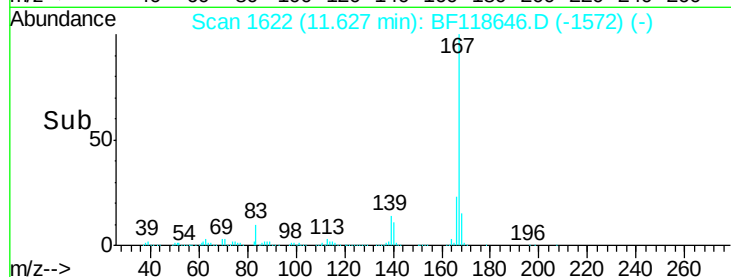
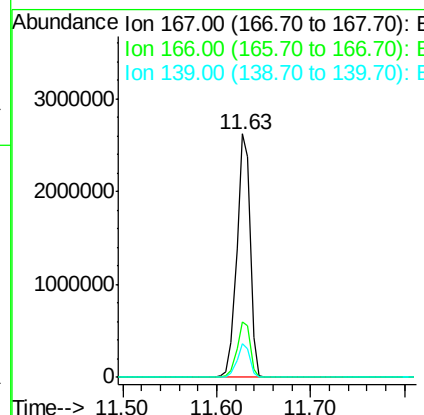
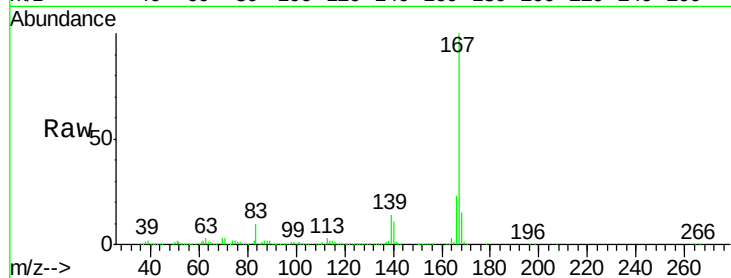
#73
 Carbazole
 Concen: 39.900 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.0	19.4	29.2	
139	13.8	11.7	17.5	

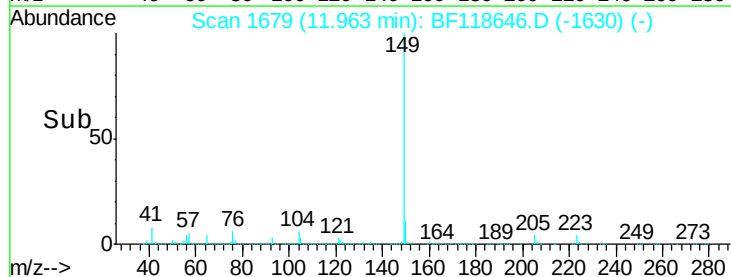
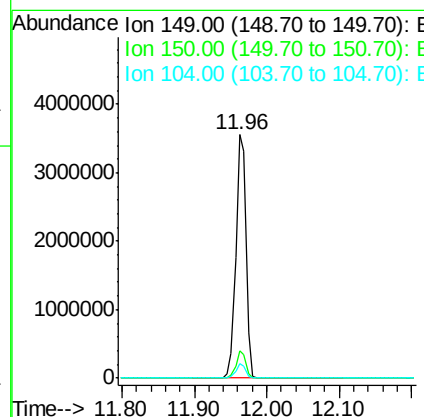
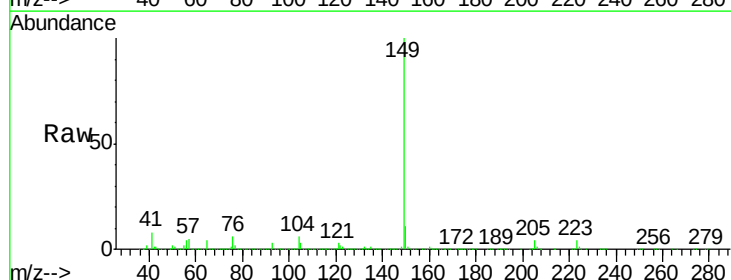
Manual Integrations
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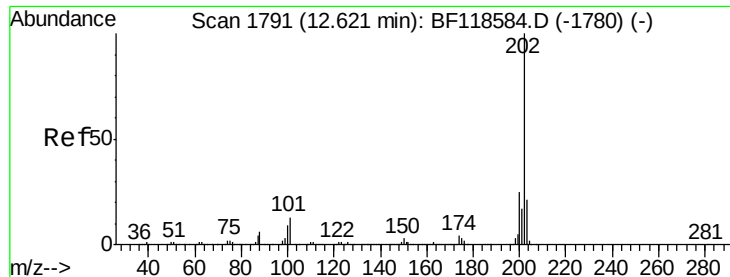
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.108 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	11.2	8.7	13.1	
104	5.8	4.6	6.8	





#75

Fluoranthene

Concen: 47.801 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

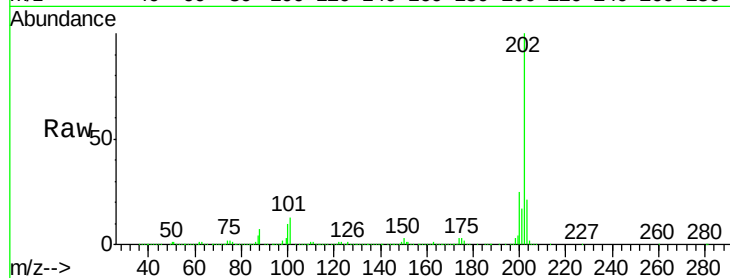
ClientSampleId :

BU-02-101720MS

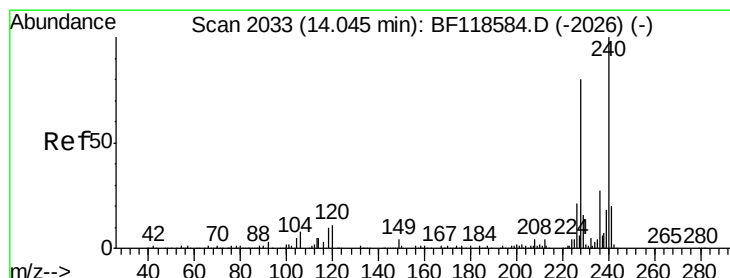
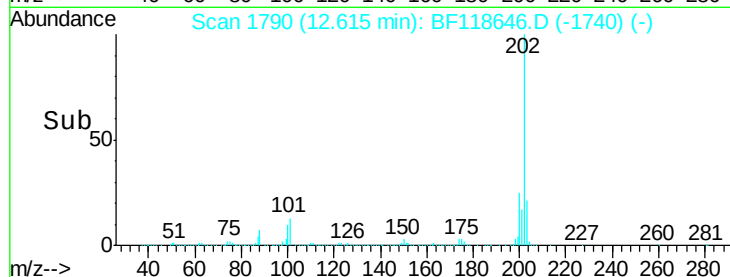
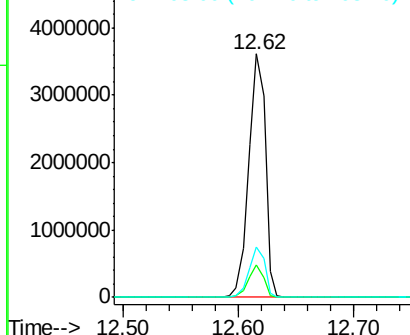
Tot Ion:	202	Resp:	3604259
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	32.5
203	20.7	0.8	40.8

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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



#76

Chrysene-d12

Concen: 20.000 ng

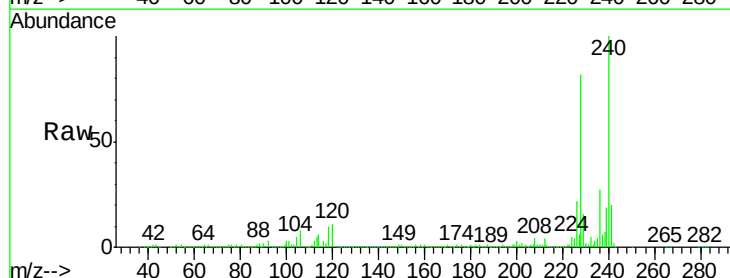
RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

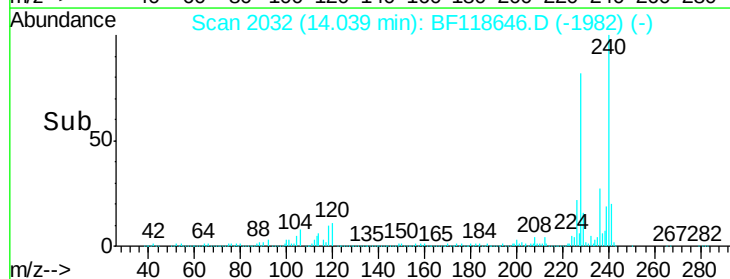
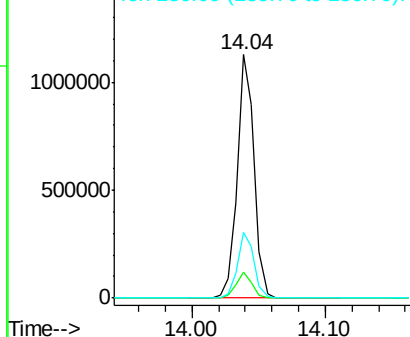
Lab File: BF118646.D

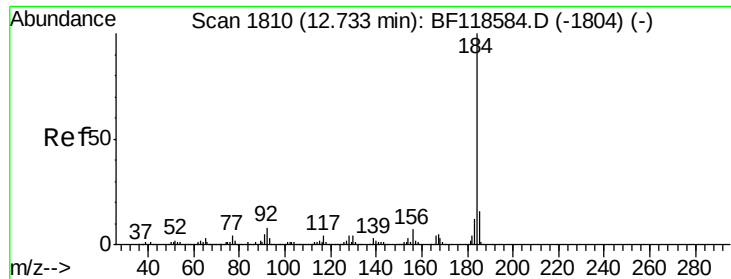
Acq: 21 Jan 2020 21:42

Tgt Ion:	240	Resp:	994146
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	27.2	21.5	32.3



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





#77

Benzidine

Concen: 0.264 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

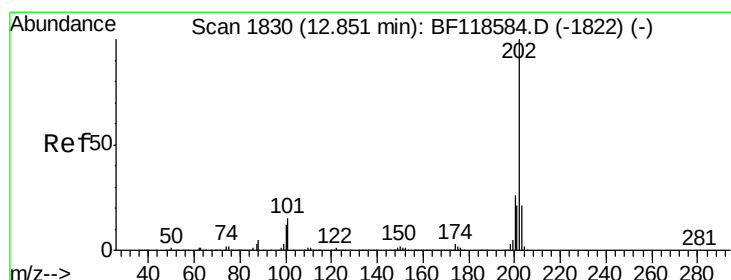
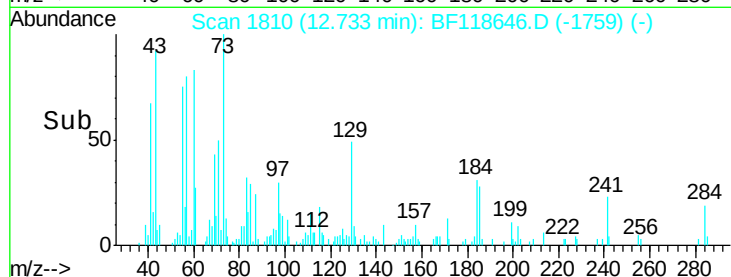
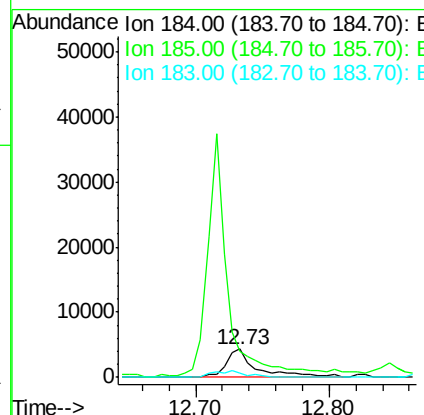
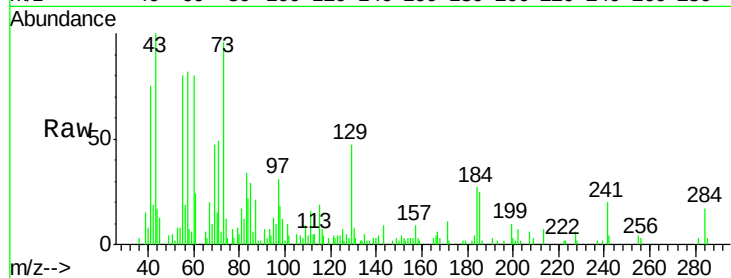
ClientSampleId :

BU-02-101720MS

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
185	93.1	12.9	19.3	
183	13.4	9.6	14.4	

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#78

Pyrene

Concen: 53.432 ng

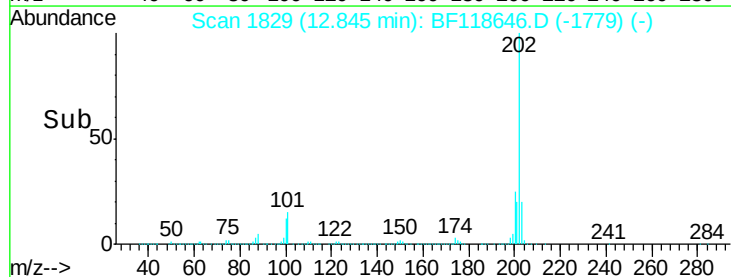
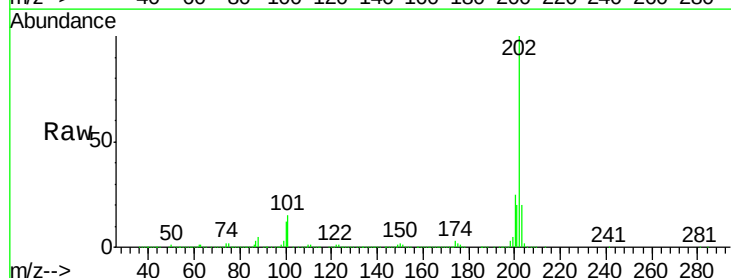
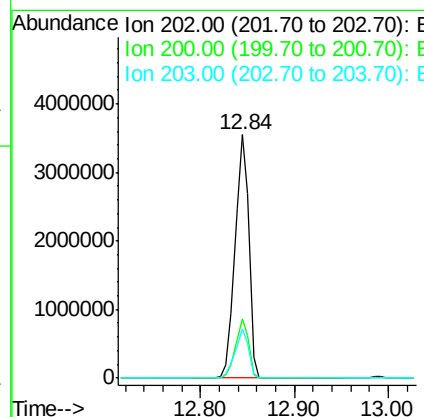
RT: 12.84 min Scan# 1829

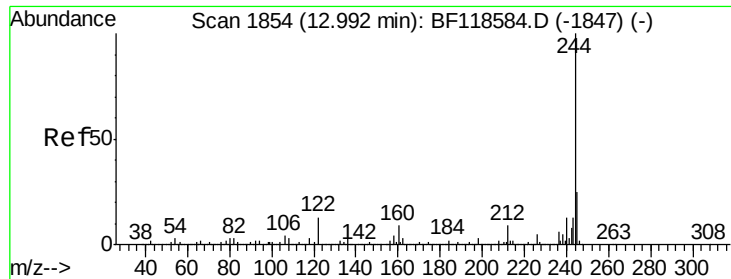
Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	24.6	20.6	31.0	
203	20.2	16.8	25.2	





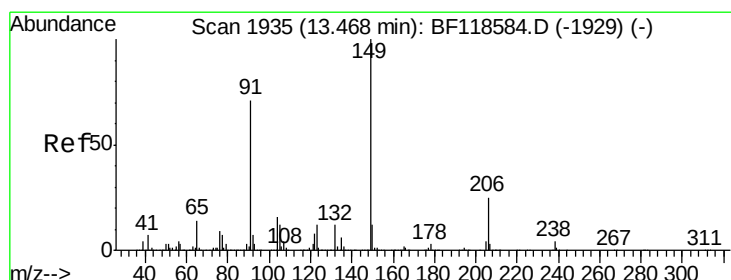
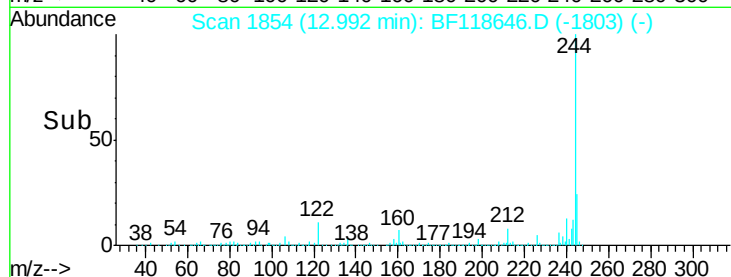
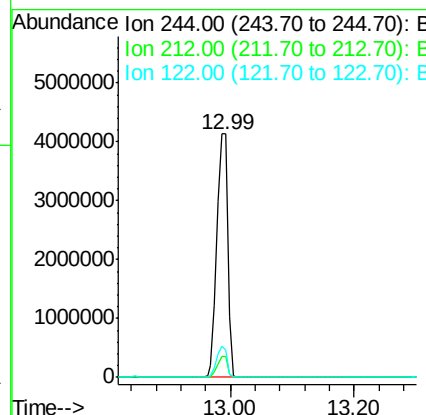
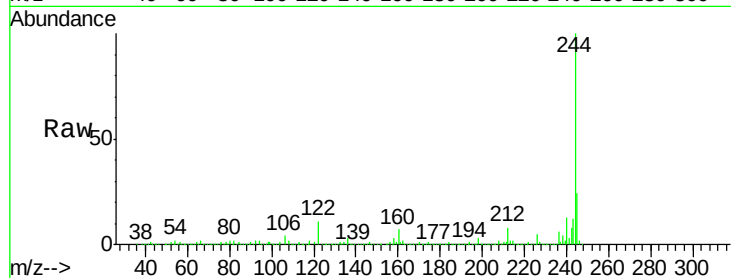
#79
 Terphenyl-d14
 Concen: 107.123 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

Tot Ion:244 Resp: 4882695
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.4
 122 11.3 10.7 16.1

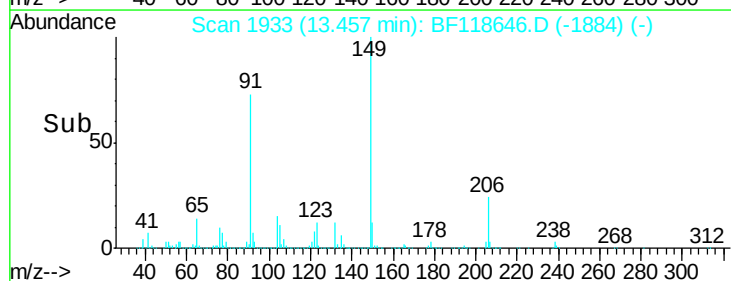
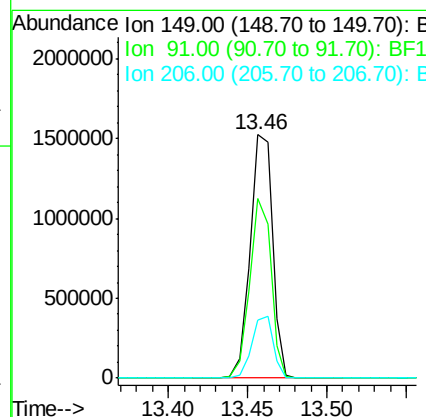
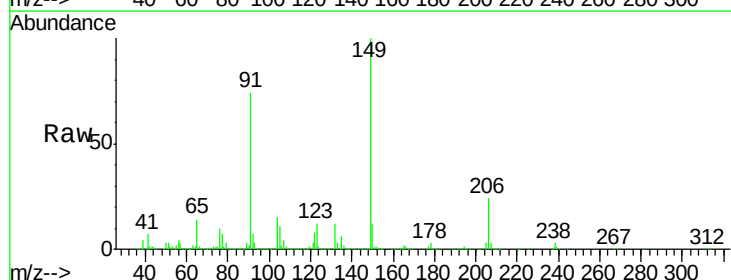
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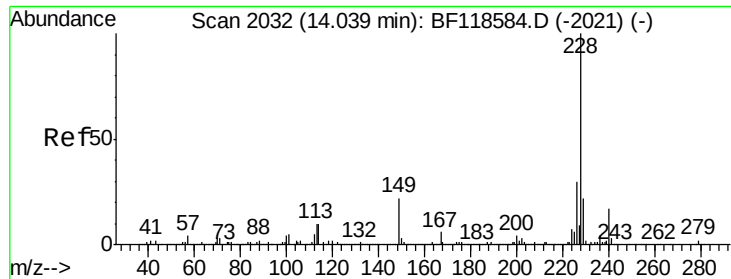
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#80
 Butylbenzylphthalate
 Concen: 53.914 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion:149 Resp: 1489232
 Ion Ratio Lower Upper
 149 100
 91 73.5 56.5 84.7
 206 23.6 19.9 29.9





#81

Benzo(a)anthracene

Concen: 48.416 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

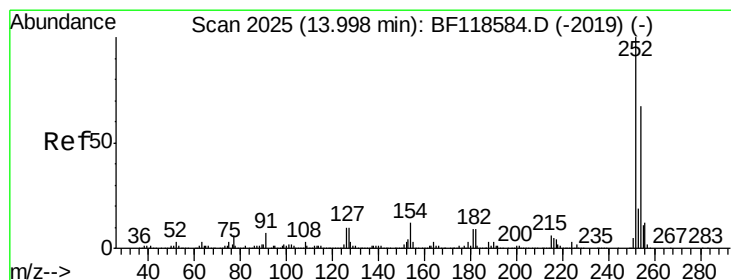
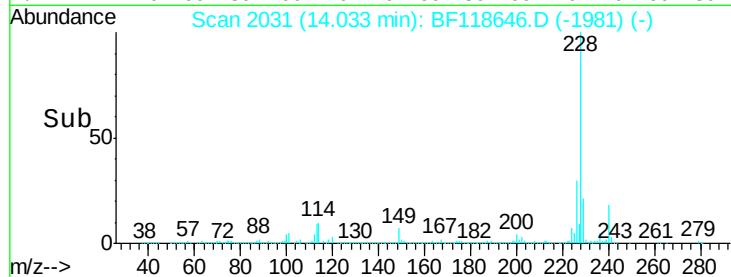
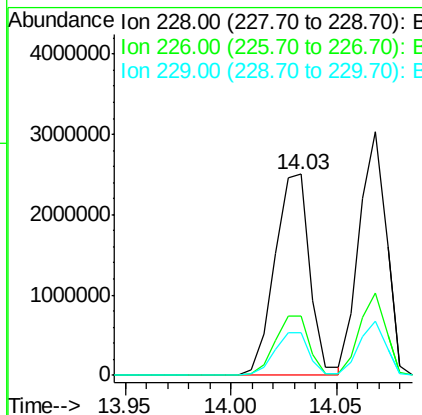
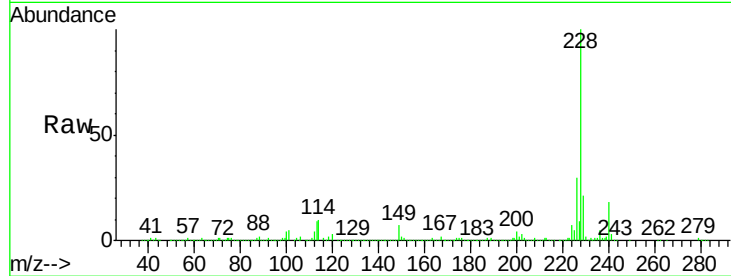
ClientSampleId :

BU-02-101720MS

Tot Ion:	228	Resp:	2895450
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	21.4	17.6	26.4

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#82

3,3'-Dichlorobenzidine

Concen: 1.689 ng

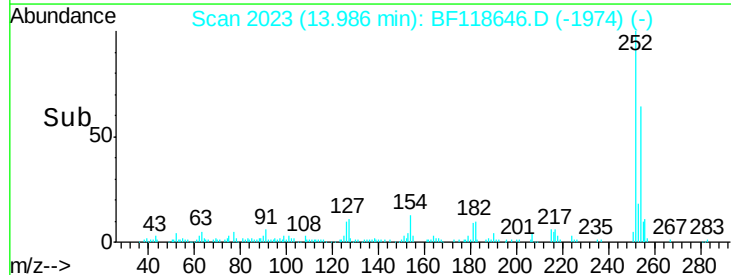
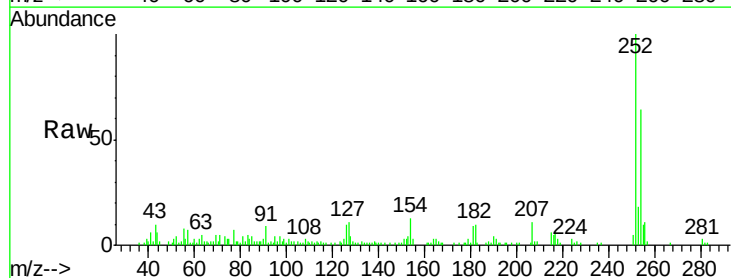
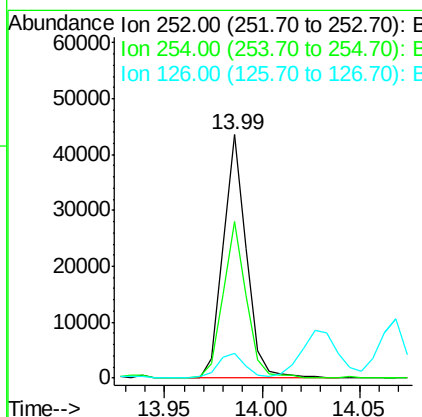
RT: 13.99 min Scan# 2023

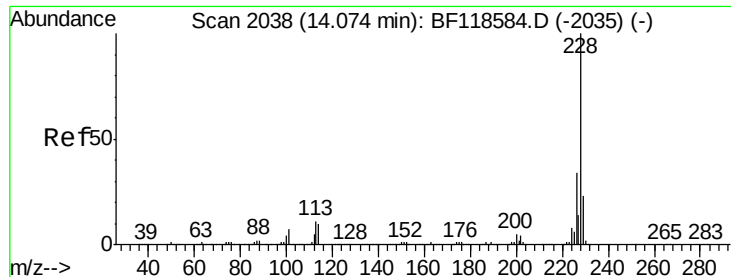
Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Tgt Ion:	252	Resp:	35991
Ion	Ratio	Lower	Upper
252	100		
254	64.3	53.4	80.2
126	10.2	8.0	12.0





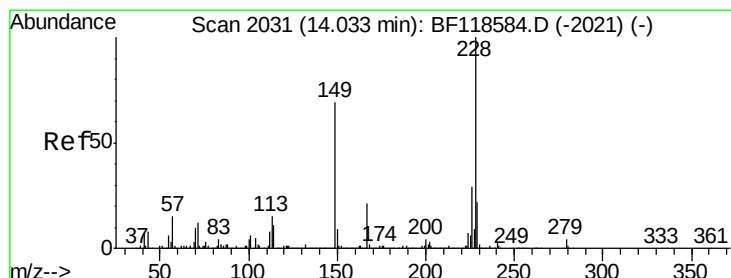
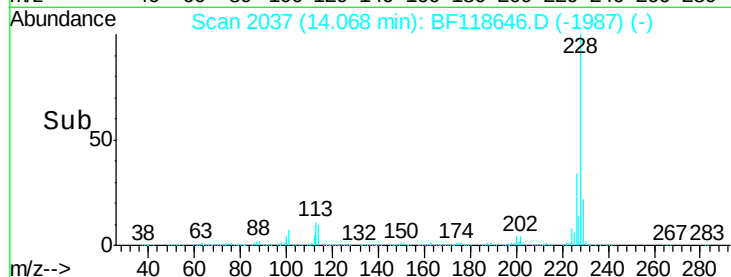
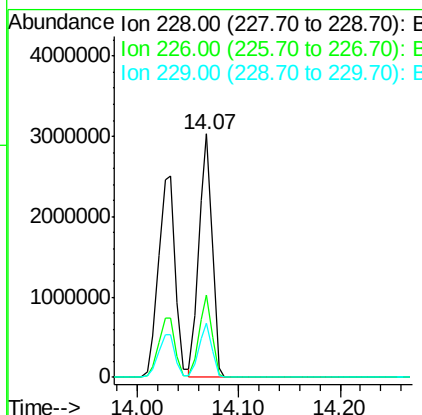
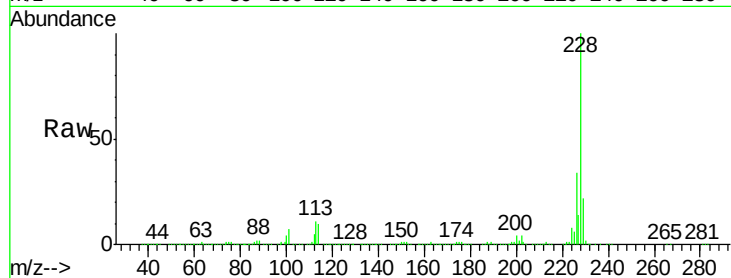
#83
Chrysene
Concen: 47.900 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion:228 Resp: 2745382
Ion Ratio Lower Upper
228 100
226 34.0 27.4 41.0
229 22.2 18.3 27.5

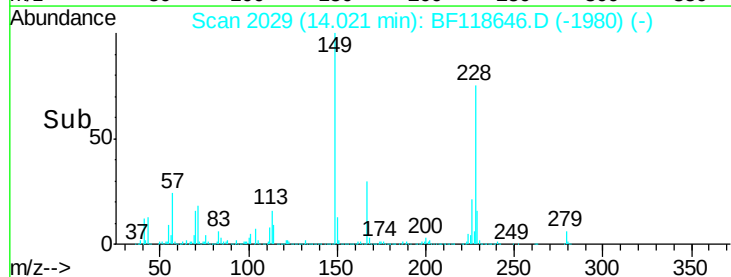
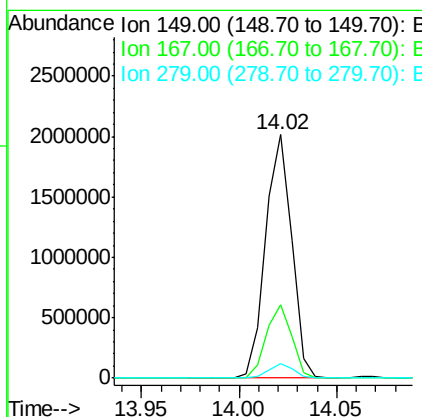
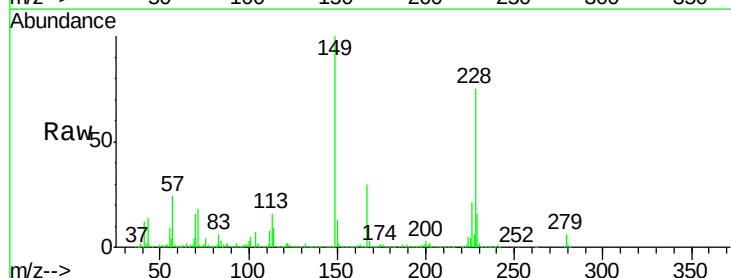
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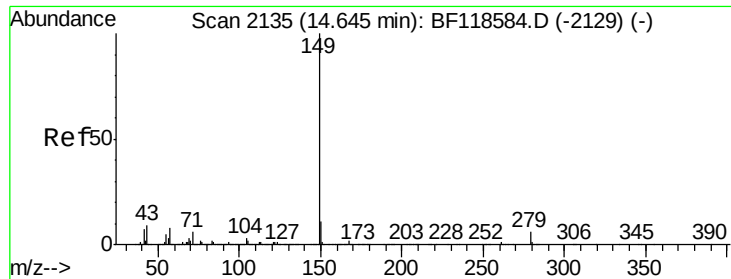
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#84
Bis(2-ethylhexyl)phthalate
Concen: 55.285 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:149 Resp: 1865724
Ion Ratio Lower Upper
149 100
167 30.3 24.2 36.4
279 5.7 5.0 7.4





#85

Di-n-octyl phthalate

Concen: 55.121 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tot Ion:149 Resp: 2753380

Ion Ratio Lower Upper

149 100

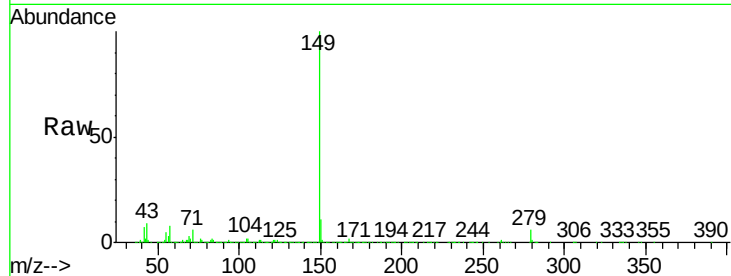
167 2.0 1.4 2.0

43 9.5 8.1 12.1

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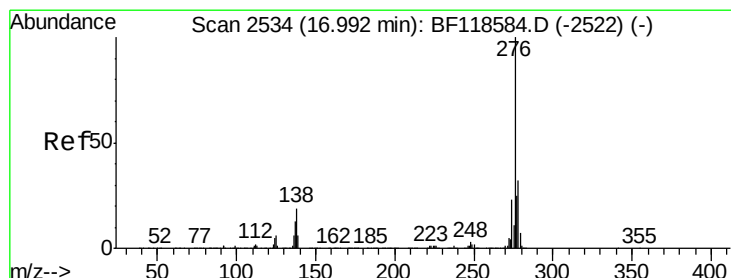
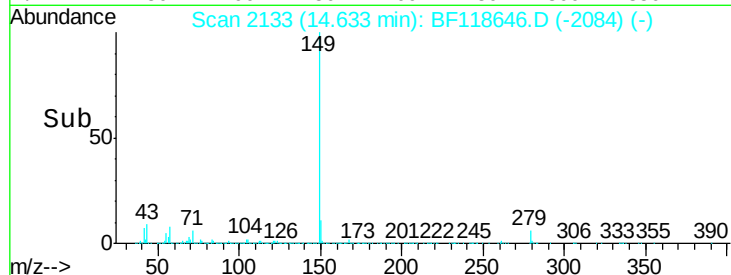
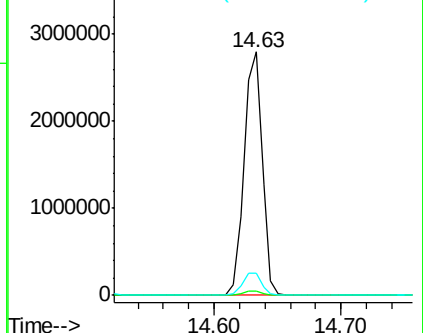
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.068 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

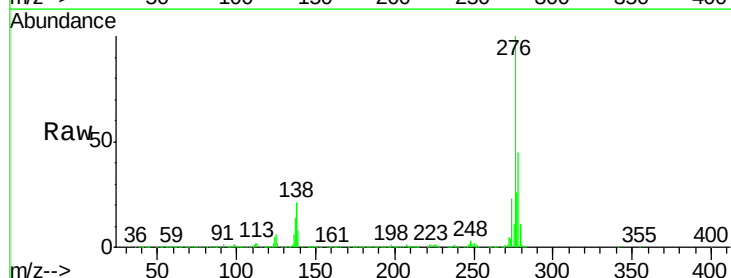
Tgt Ion:276 Resp: 3190671

Ion Ratio Lower Upper

276 100

138 22.6 17.2 25.8

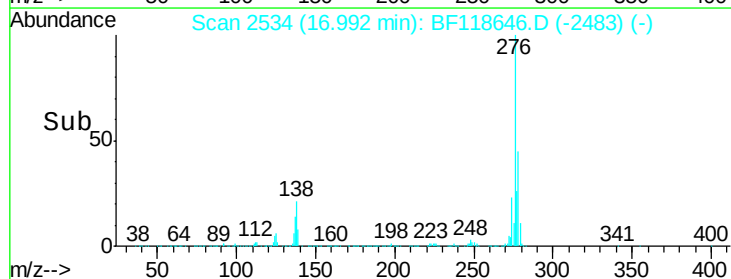
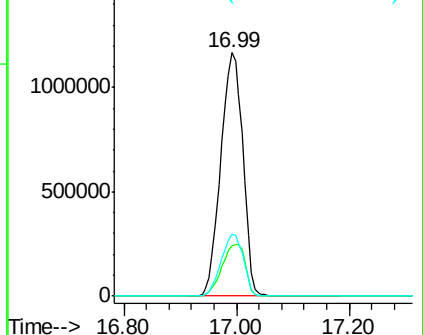
277 25.6 20.5 30.7

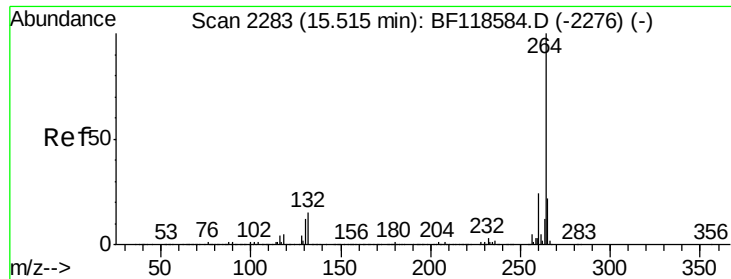


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





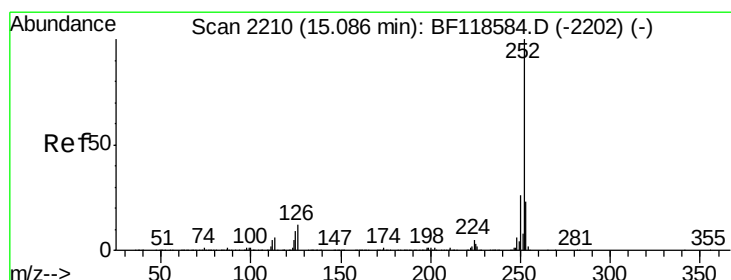
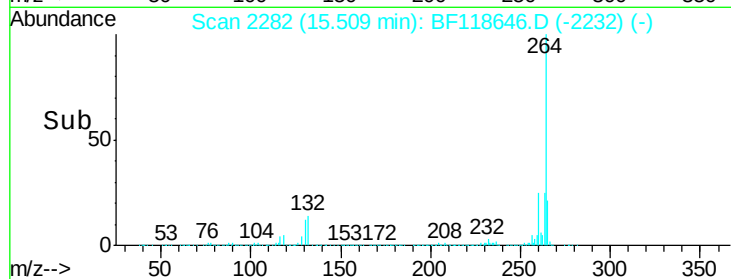
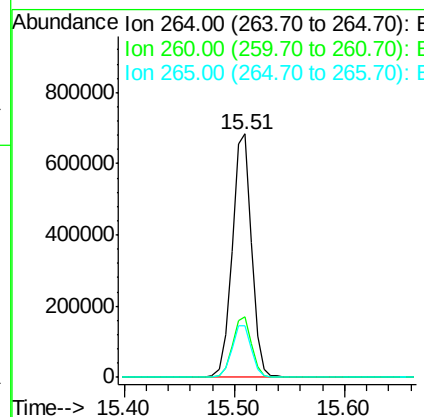
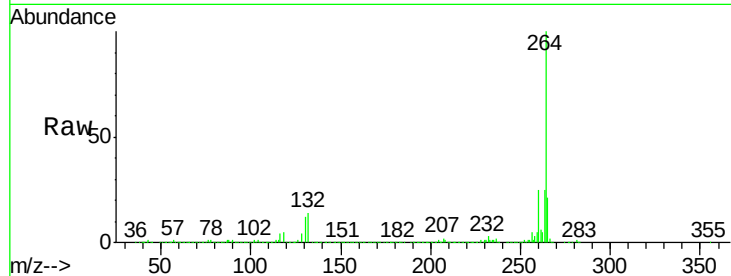
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.3	17.7	26.5

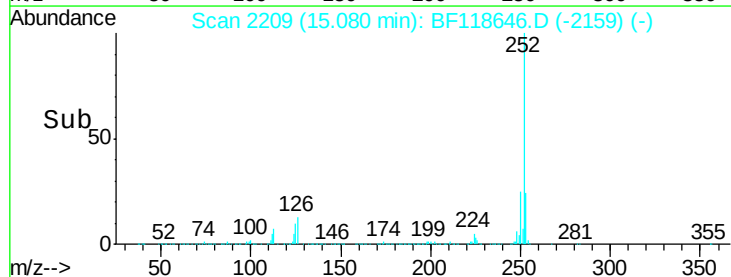
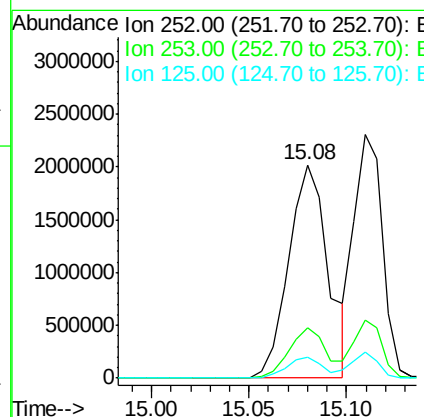
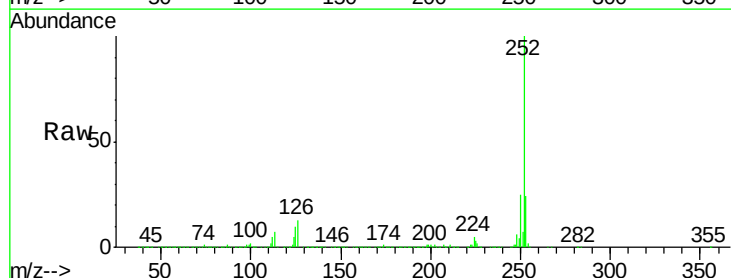
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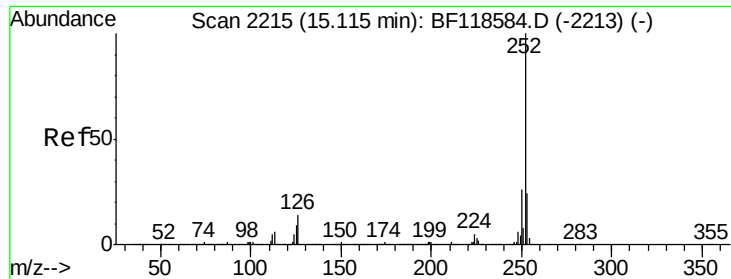
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#88
Benzo(b)fluoranthene
Concen: 53.728 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	9.7	7.3	10.9





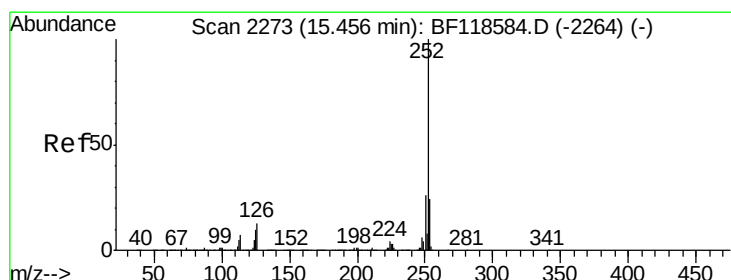
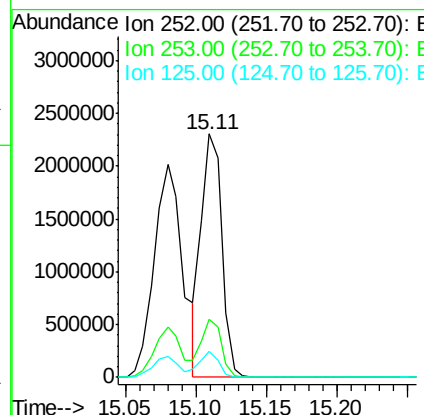
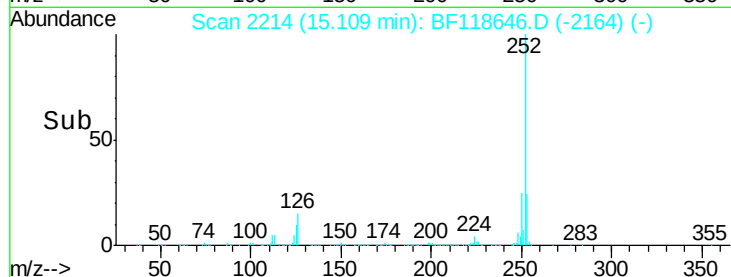
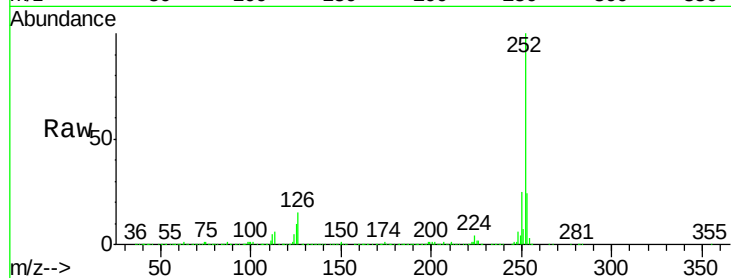
#89
Benzo(k)fluoranthene
Concen: 47.755 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion:252 Resp: 2332010
Ion Ratio Lower Upper
252 100
253 23.9 19.0 28.4
125 10.4 7.6 11.4

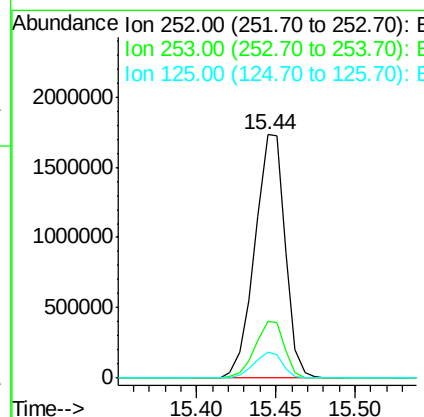
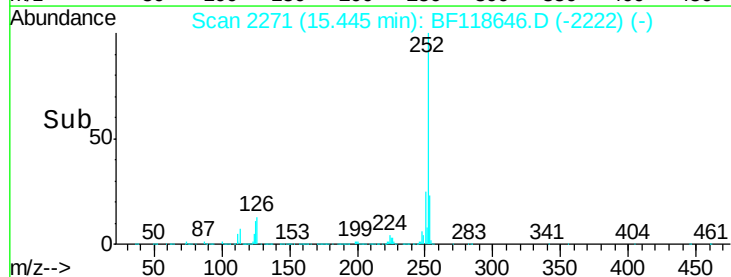
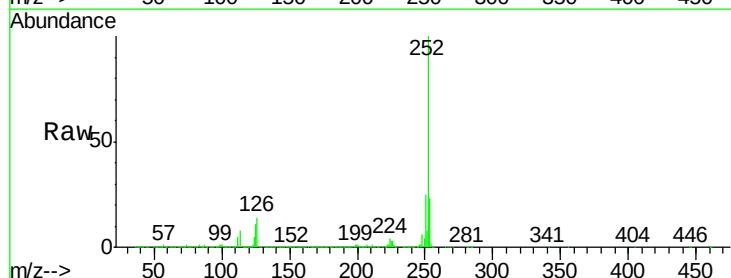
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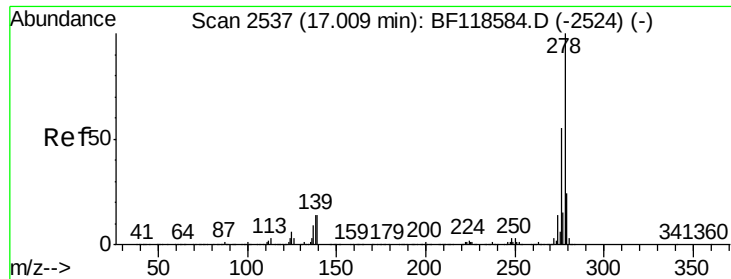
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#90
Benzo(a)pyrene
Concen: 50.752 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:252 Resp: 2307594
Ion Ratio Lower Upper
252 100
253 23.0 18.8 28.2
125 10.9 7.8 11.6





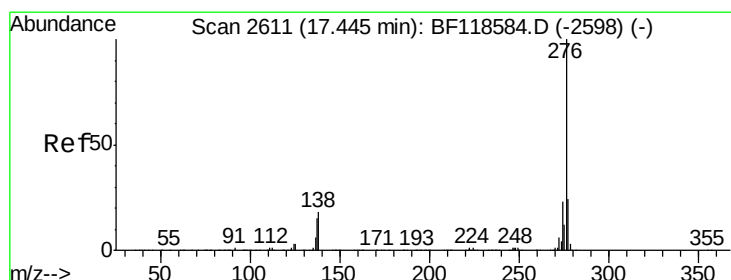
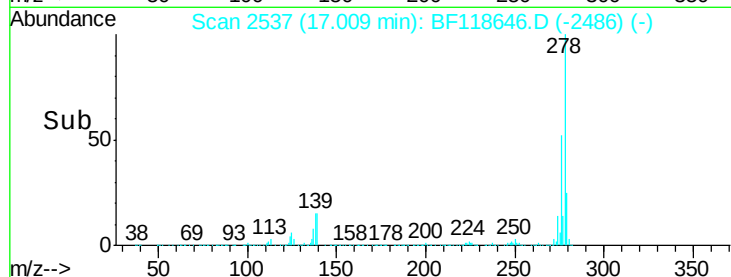
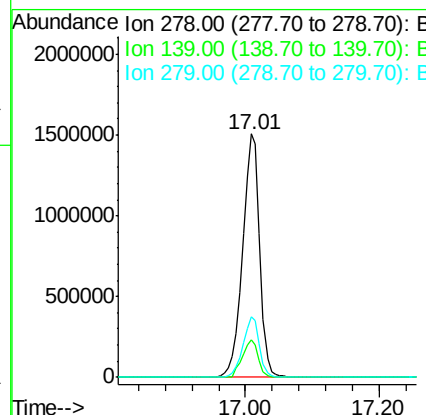
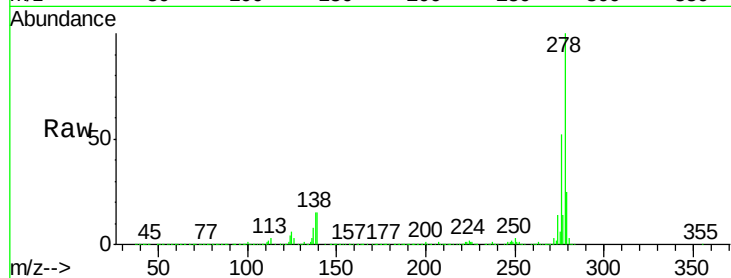
#91
Dibenzo(a,h)anthracene
Concen: 66.753 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.4	17.0
279	24.7	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 69.513 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	19.4	14.4	21.6

