

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
 Data File : BF120762.D
 Acq On : 2 Jul 2020 17:01
 Operator : JU/CG
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 7/7/2020 8:25:27 AM

Quant Time: Jul 02 18:02:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 17:30:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	152889	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	555579	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	279185	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	510391	20.00	ng	0.00
76) Chrysene-d12	14.02	240	378288	20.00	ng	0.00
86) Perylene-d12	15.47	264	341622	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	952423	104.26	ng	0.00
7) Phenol-d6	6.48	99	1204383	100.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	1004273	103.73	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	296479	85.56	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1665992	84.12	ng	0.00
79) Terphenyl-d14	12.96	244	1785258	88.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	215534	55.162	ng	99
3) Pyridine	3.35	79	600984	54.236	ng	98
4) n-Nitrosodimethylamine	3.30	42	301871	67.827	ng	99
6) Aniline	6.52	93	789969	54.274	ng	99
8) 2-Chlorophenol	6.63	128	514615	51.811	ng	98
9) Benzaldehyde	6.40	77	314285	51.792	ng	99
10) Phenol	6.49	94	624932m	53.944	ng	
11) bis(2-Chloroethyl)ether	6.59	93	518702	52.586	ng	100
12) 1,3-Dichlorobenzene	6.79	146	563260	51.357	ng	99
13) 1,4-Dichlorobenzene	6.87	146	560378	50.912	ng	99
14) 1,2-Dichlorobenzene	7.02	146	530031	48.828	ng	99
15) Benzyl Alcohol	6.99	79	456222	60.381	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	791968	59.598	ng	100
17) 2-Methylphenol	7.10	107	462478	54.000	ng	98
18) Hexachloroethane	7.36	117	214846	54.172	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	360925	52.388	ng	99
20) 3+4-Methylphenols	7.26	107	543758	46.951	ng	91
22) Acetophenone	7.26	105	659024	46.744	ng	# 94
24) Nitrobenzene	7.43	77	549899	54.416	ng	99
25) Isophorone	7.67	82	1022146	54.494	ng	98
26) 2-Nitrophenol	7.75	139	227362	42.060	ng	93
27) 2,4-Dimethylphenol	7.79	122	426886	52.677	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	607333	52.571	ng	100
29) 2,4-Dichlorophenol	7.99	162	419673	51.520	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	465799	48.822	ng	99
31) Naphthalene	8.16	128	1446434	52.179	ng	100
32) Benzoic acid	7.91	122	300441	52.762	ng	98
33) 4-Chloroaniline	8.20	127	621572	51.351	ng	98
34) Hexachlorobutadiene	8.27	225	275846	47.886	ng	99
35) Caprolactam	8.58	113	124368	47.039	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	433393	53.100	ng	97
37) 2-Methylnaphthalene	8.85	142	960202	51.260	ng	100
38) 1-Methylnaphthalene	8.95	142	894574	50.916	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	426125	47.812	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	261605	64.230	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	302000	50.236	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	336716	49.846	ng	97
46) 1,1'-Biphenyl	9.32	154	1103219	48.760	ng	99
47) 2-Chloronaphthalene	9.34	162	898107	49.327	ng	97
48) 2-Nitroaniline	9.43	65	278184	52.390	ng	97
49) Acenaphthylene	9.75	152	1399121	49.485	ng	99
50) Dimethylphthalate	9.62	163	1019232	47.634	ng	100
51) 2,6-Dinitrotoluene	9.67	165	206801	43.715	ng	89
52) Acenaphthene	9.93	154	863295	53.349	ng	100
53) 3-Nitroaniline	9.85	138	255278	45.969	ng	93
54) 2,4-Dinitrophenol	9.94	184	73891	39.443	ng	# 84
55) Dibenzofuran	10.10	168	1228690	49.811	ng	98
56) 4-Nitrophenol	9.99	139	190047	55.389	ng	96
57) 2,4-Dinitrotoluene	10.07	165	261803	45.260	ng	91
58) Fluorene	10.44	166	885111	46.096	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	252105	49.405	ng	93
60) Diethylphthalate	10.32	149	1056871	50.251	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	442720	45.425	ng	98
62) 4-Nitroaniline	10.46	138	241498	43.485	ng	97
63) Azobenzene	10.59	77	1048280	54.601	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	107052	38.003	ng	94
66) n-Nitrosodiphenylamine	10.55	169	843112	50.227	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	303325	48.827	ng	97
68) Hexachlorobenzene	10.99	284	317947	48.233	ng	92
69) Atrazine	11.07	200	223660	49.497	ng	98
70) Pentachlorophenol	11.17	266	198301	89.864	ng	100
71) Phenanthrene	11.40	178	1375483	51.817	ng	100
72) Anthracene	11.45	178	1387282	52.111	ng	99
73) Carbazole	11.60	167	1334382	52.719	ng	99
74) Di-n-butylphthalate	11.94	149	1635923	53.429	ng	99
75) Fluoranthene	12.59	202	1484229	49.770	ng	99
77) Benzidine	12.71	184	538474	47.951	ng	99
78) Pyrene	12.82	202	1526853	49.642	ng	100
80) Butylbenzylphthalate	13.44	149	678176	52.288	ng	98
81) Benzo(a)anthracene	14.00	228	1148838	47.199	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	427646	47.071	ng	98
83) Chrysene	14.04	228	1246132	48.800	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	795500	49.189	ng	# 97
85) Di-n-octyl phthalate	14.62	149	1560450	50.927	ng	100
87) Indeno(1,2,3-cd)pyrene	16.93	276	1118411	51.818	ng	100
88) Benzo(b)fluoranthene	15.05	252	1135761	51.930	ng	97
89) Benzo(k)fluoranthene	15.08	252	1140319	59.516	ng	99
90) Benzo(a)pyrene	15.42	252	1039496	55.314	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	938164	53.120	ng	99
92) Benzo(g,h,i)perylene	17.37	276	842213	47.661	ng	99

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

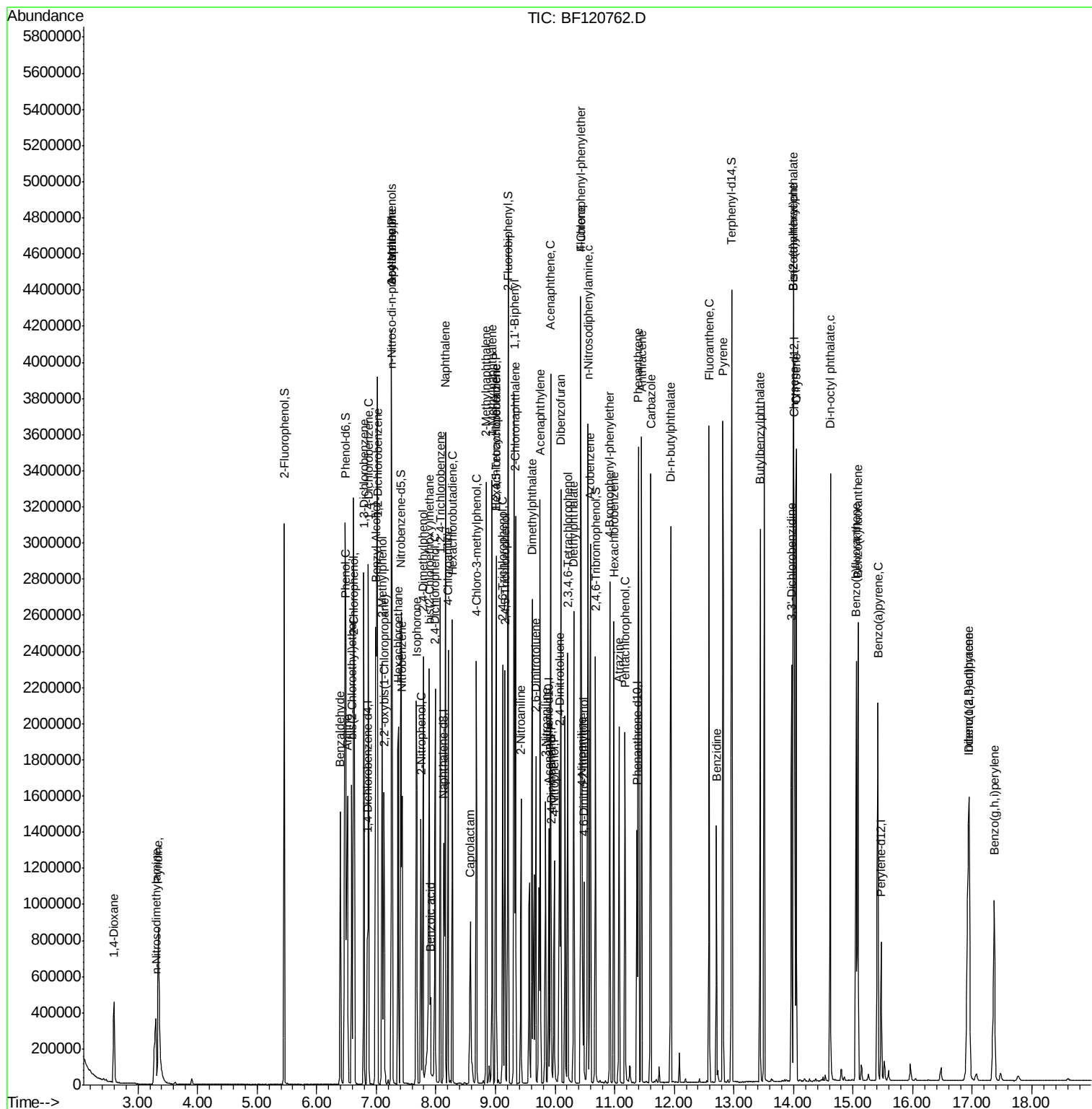
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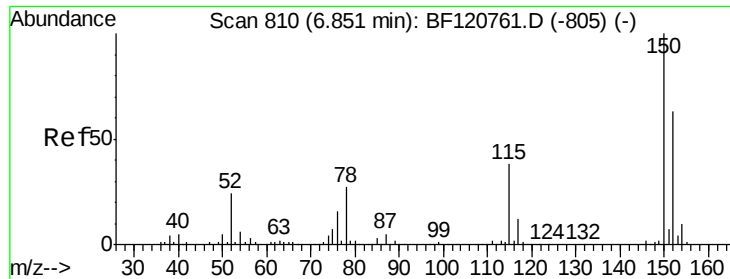
Instrument :
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ClientSampleId :
SSTDICC050

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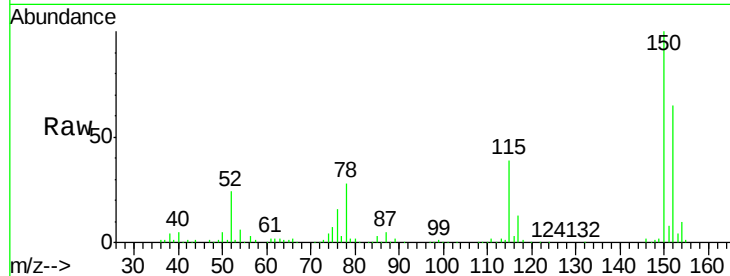
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.1	189.1
115	59.3	48.5	72.7

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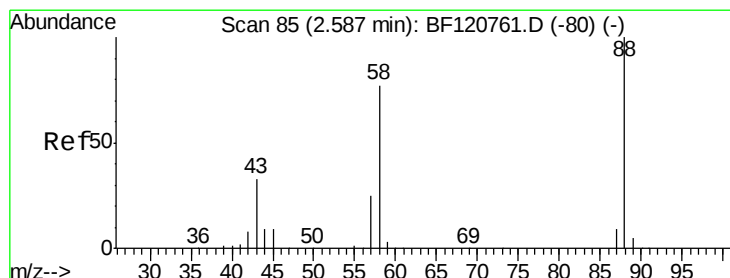
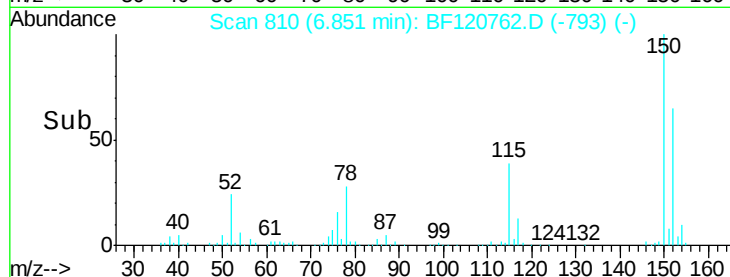
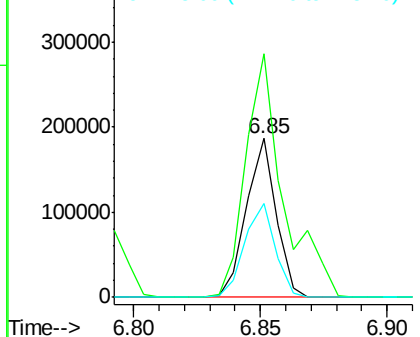


Abundance

Ion 152.00 (151.70 to 152.70): E

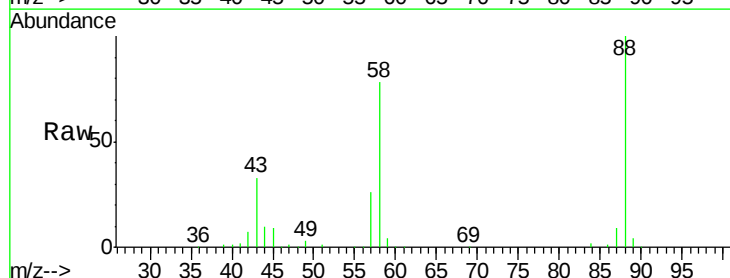
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 55.162 ng
 RT: 2.60 min Scan# 87
 Delta R.T. 0.01 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	60.4	90.6
43	33.2	26.3	39.5

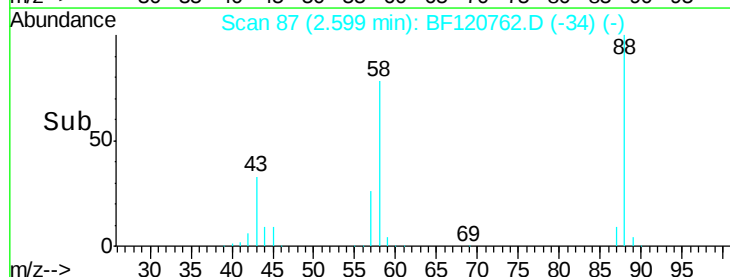
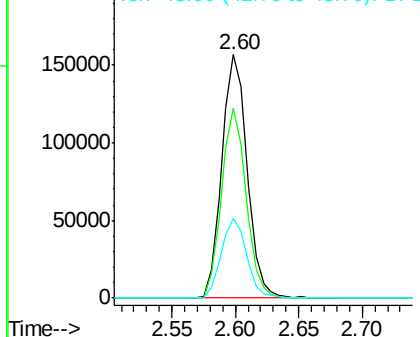


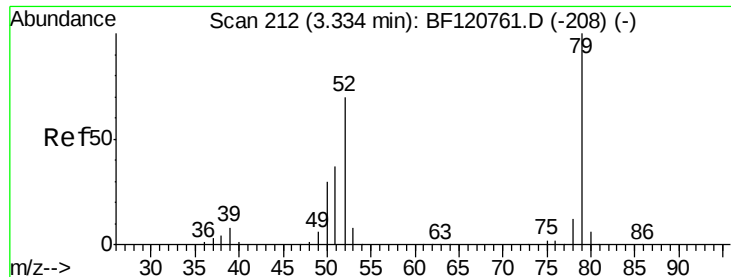
Abundance

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: 54.236 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

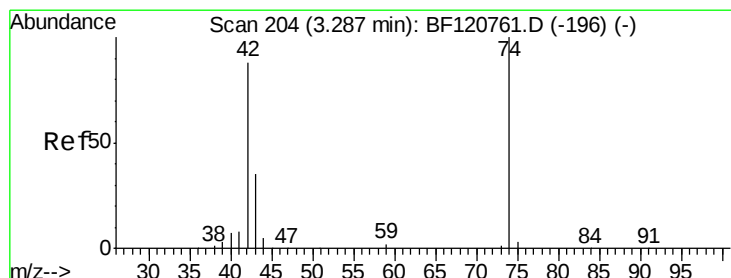
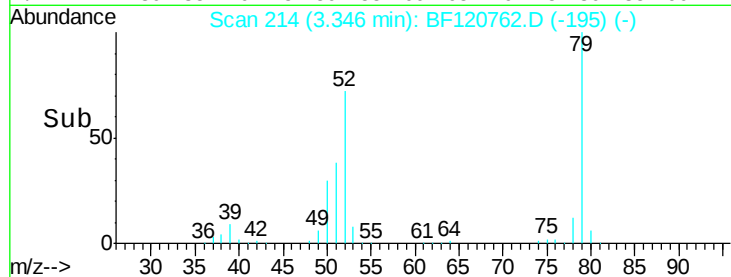
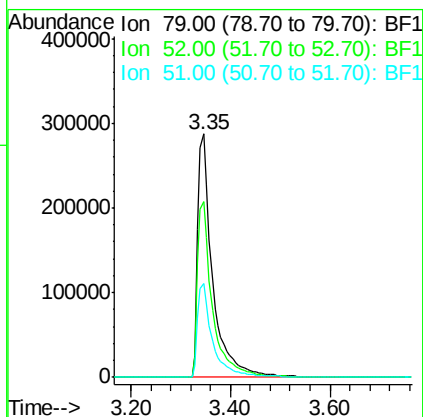
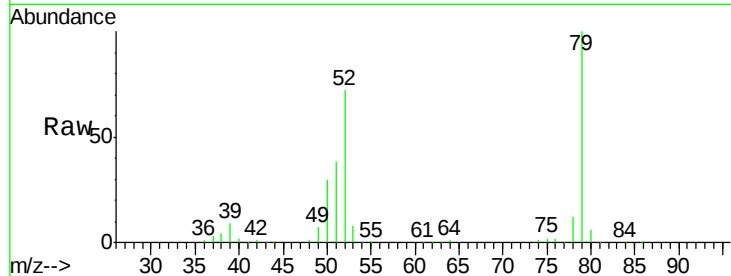
ClientSampleId :

SSTDICC050

Tot Ion:	79	Resp:	600984
Ion	Ratio	Lower	Upper
79	100		
52	72.1	56.3	84.5
51	38.5	30.1	45.1

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#4

n-Nitrosodimethylamine

Concen: 67.827 ng

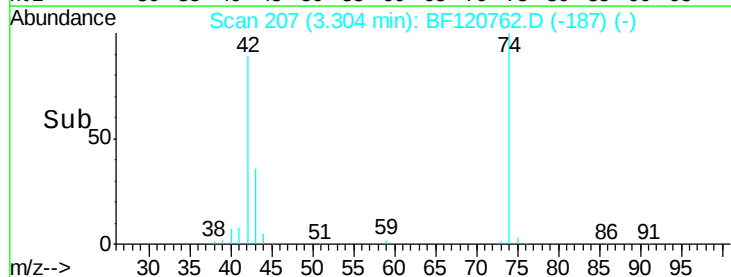
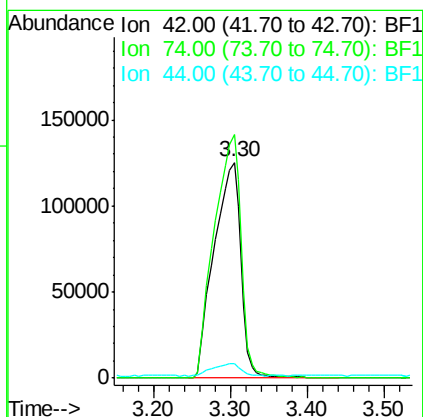
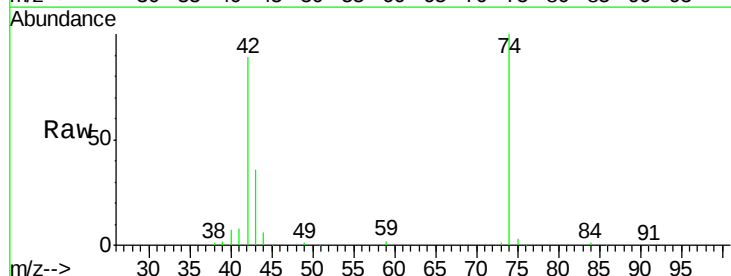
RT: 3.30 min Scan# 207

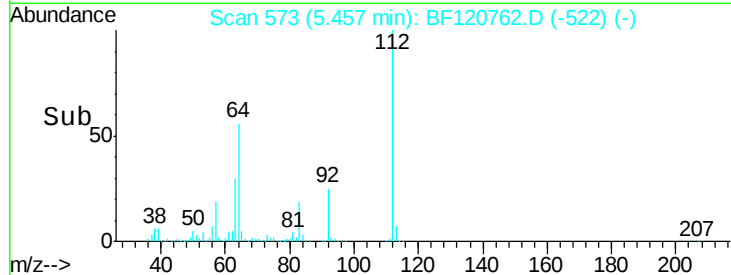
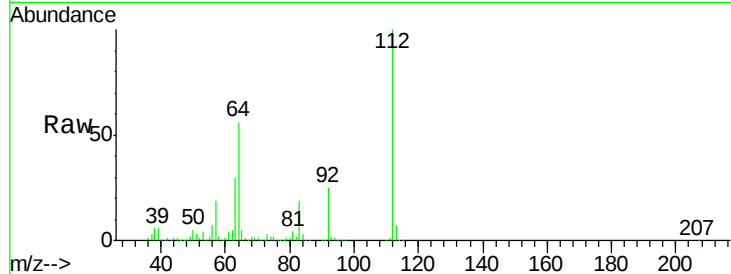
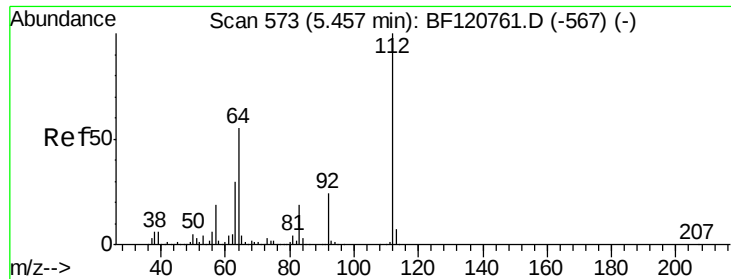
Delta R.T. 0.02 min

Lab File: BF120762.D

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Tgt Ion:	42	Resp:	301871
Ion	Ratio	Lower	Upper
42	100		
74	112.8	90.8	136.2
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 104.264 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

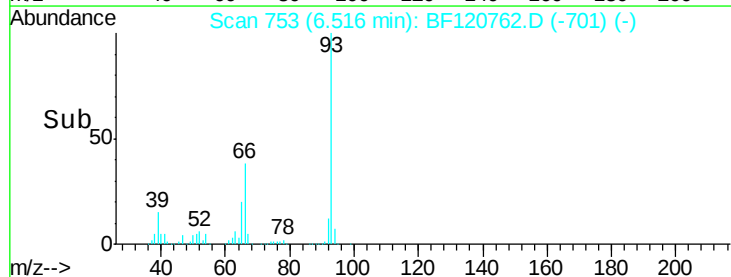
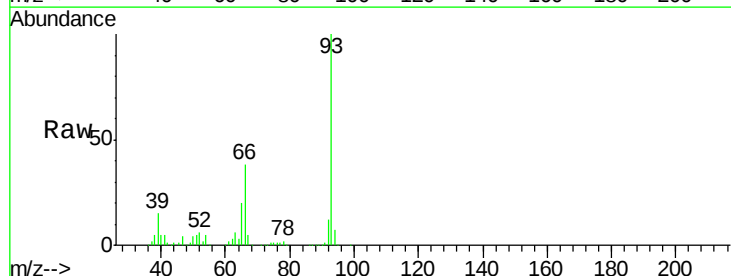
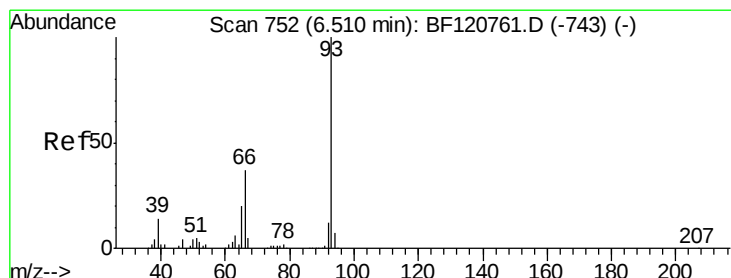
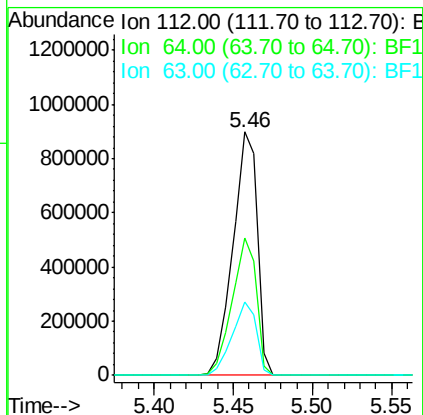
ClientSampleId :

SSTDIC050

Tot Ion:	112	Resp:	952423
Ion Ratio	Lower	Upper	
112	100		
64	56.5	43.8	65.6
63	30.2	23.6	35.4

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#6

Aniline

Concen: 54.274 ng

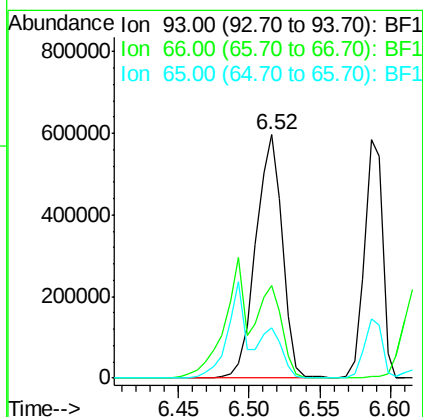
RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Tgt Ion:	93	Resp:	789969
Ion Ratio	Lower	Upper	
93	100		
66	38.0	31.3	46.9
65	20.4	16.5	24.7





#7

Phenol-d6

Concen: 100.265 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1204383

Ion Ratio Lower Upper

99 100

42 18.5 15.4 23.0

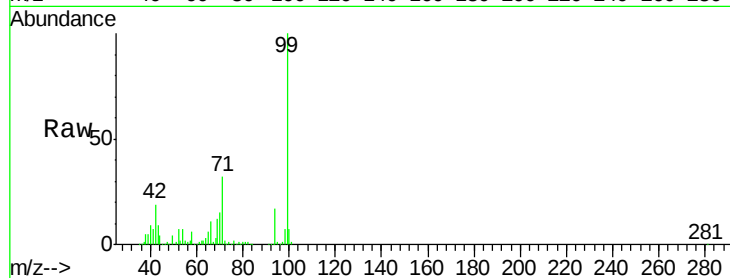
71 32.1 25.9 38.9

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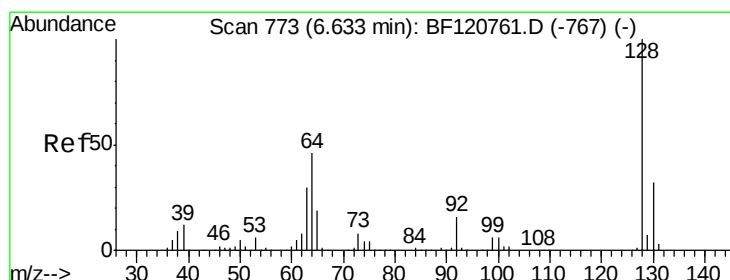
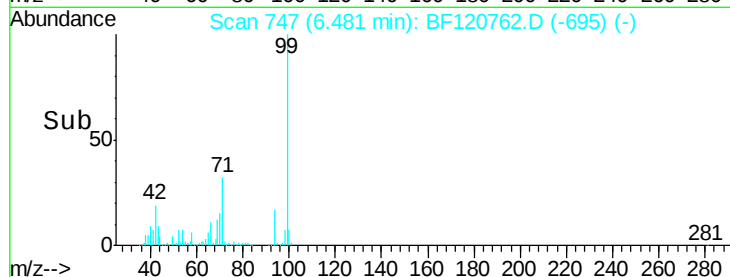
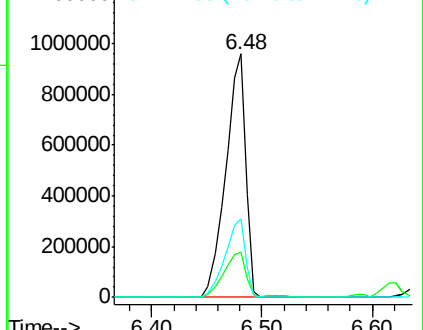
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 51.811 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

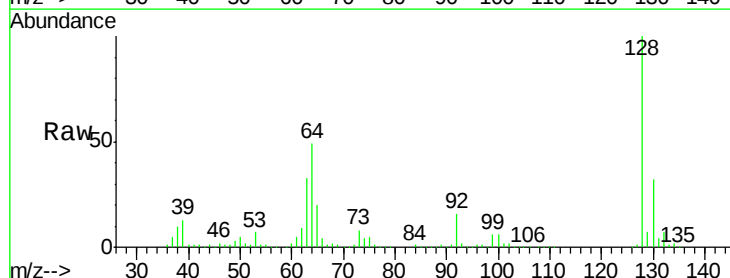
Tgt Ion: 128 Resp: 514615

Ion Ratio Lower Upper

128 100

130 32.3 12.1 52.1

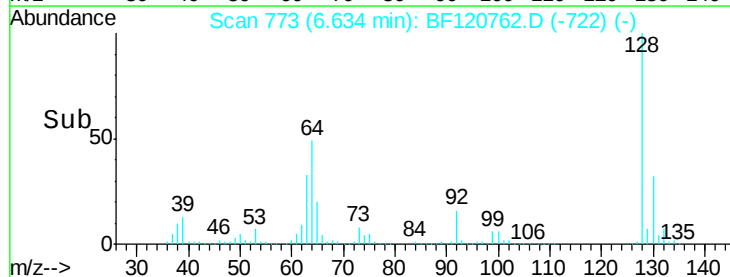
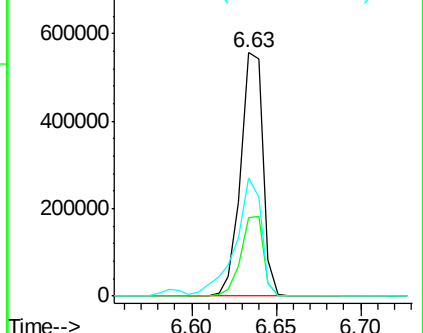
64 48.7 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 51.792 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

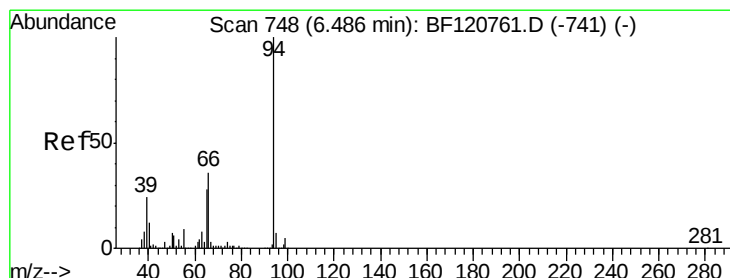
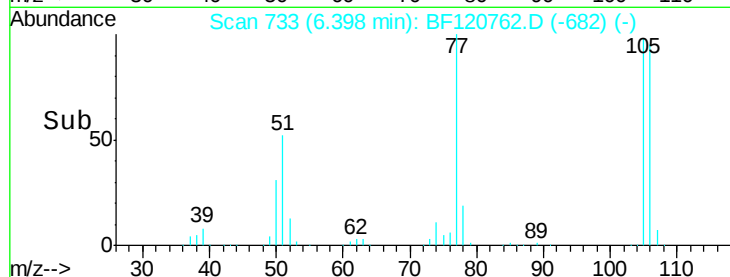
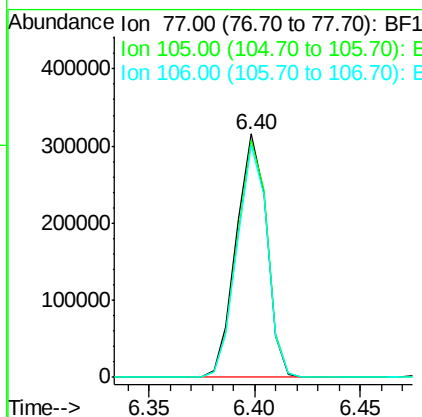
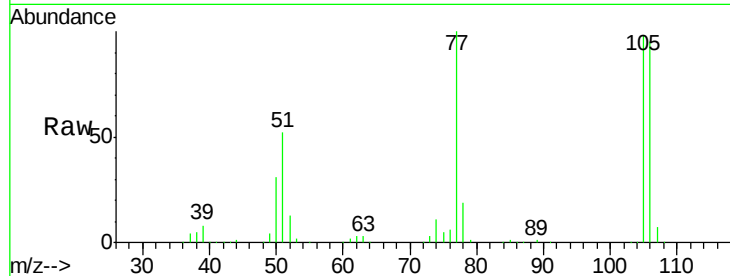
ClientSampleId :

SSTDIC050

Tot Ion:	77	Resp:	314285
Ion	Ratio	Lower	Upper
77	100		
105	97.6	76.8	116.8
106	95.2	73.8	113.8

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#10

Phenol

Concen: 53.944 ng m

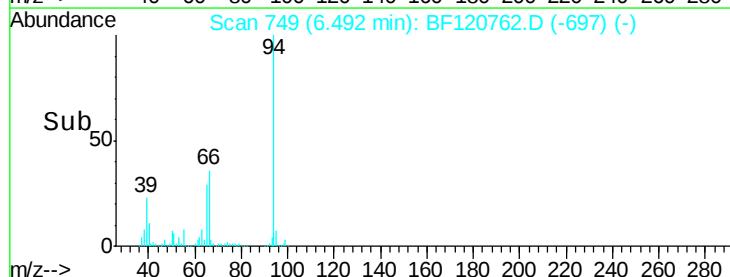
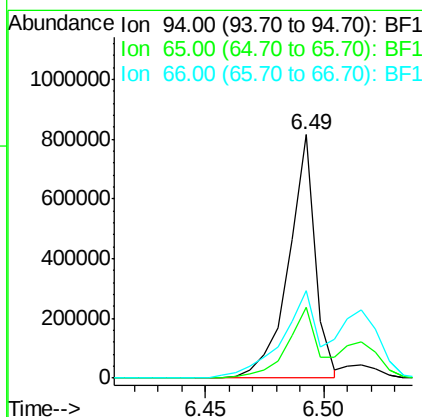
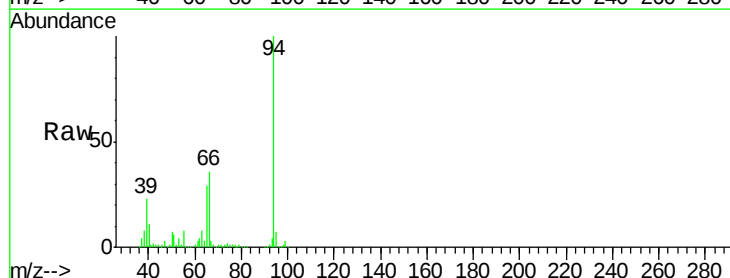
RT: 6.49 min Scan# 749

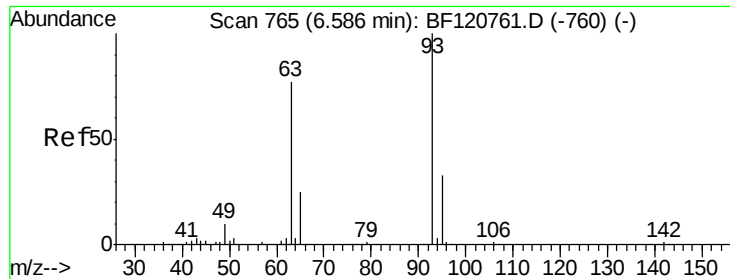
Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Tgt Ion:	94	Resp:	624932
Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.4	48.4
66	36.1	16.5	56.5





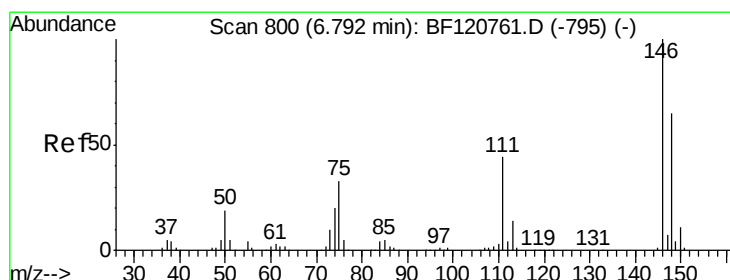
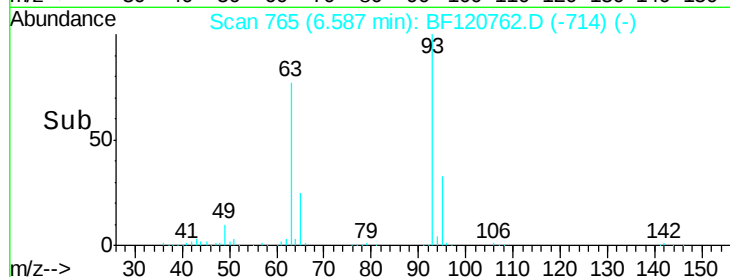
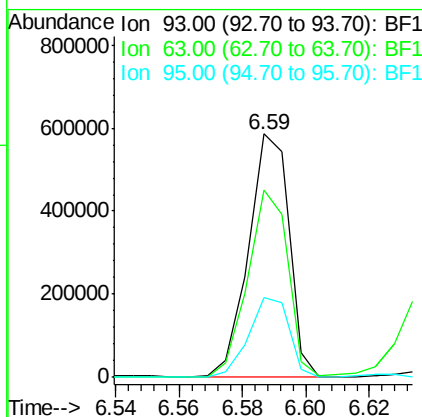
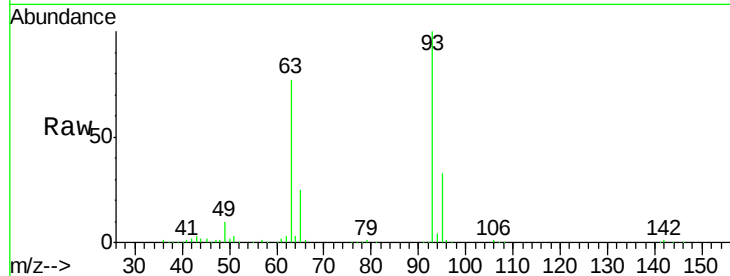
#11
bis(2-Chloroethyl)ether
Concen: 52.586 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.1	56.9	96.9
95	32.8	13.3	53.3

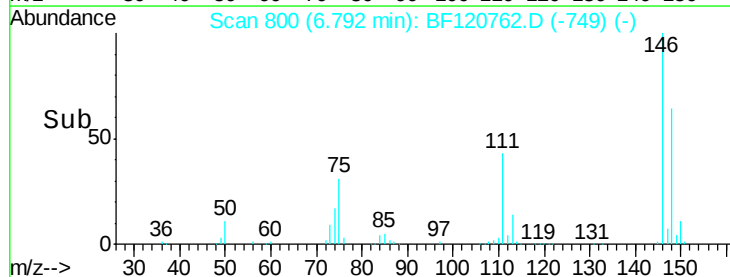
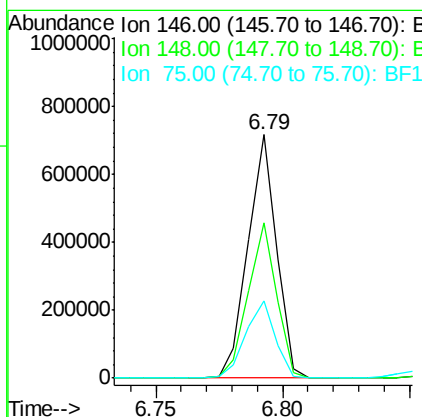
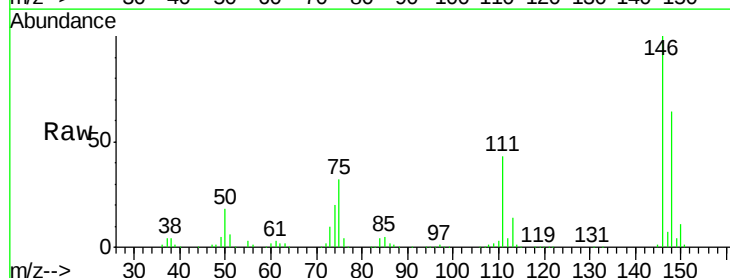
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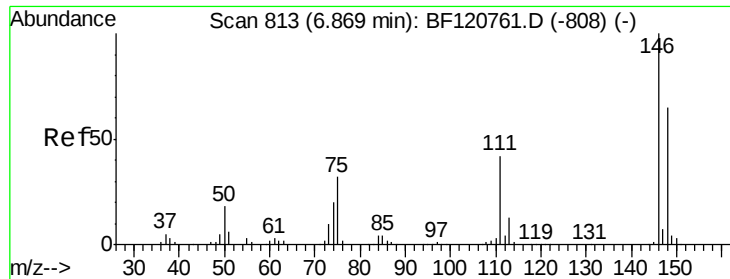
mohammad
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#12
1,3-Dichlorobenzene
Concen: 51.357 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
75	31.9	26.0	39.0





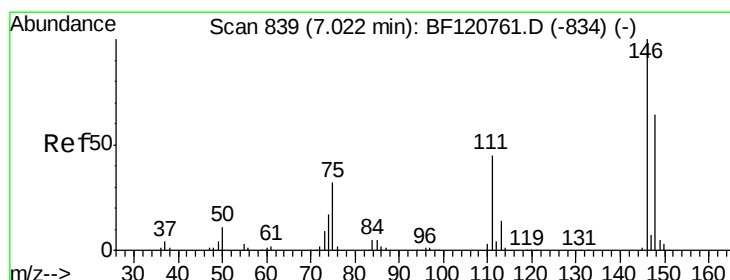
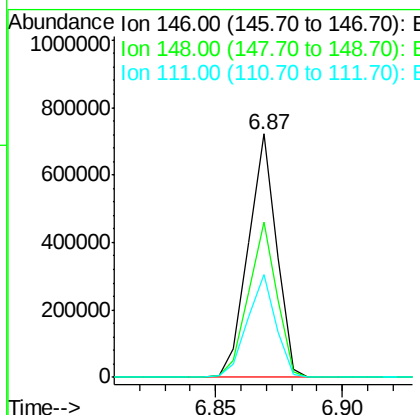
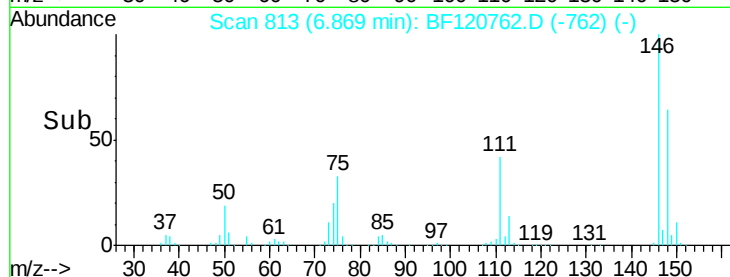
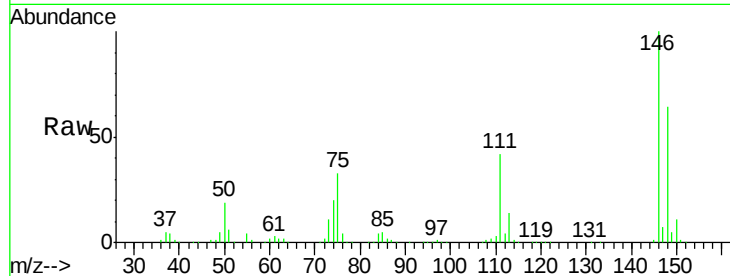
#13
1,4-Dichlorobenzene
Concen: 50.912 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	42.4	33.7	50.5

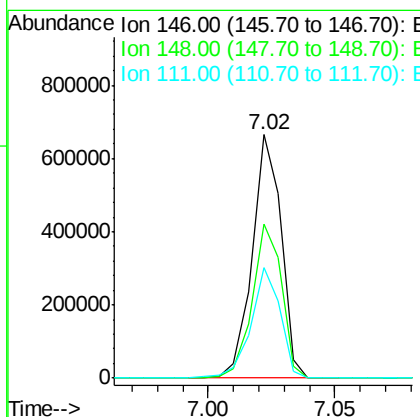
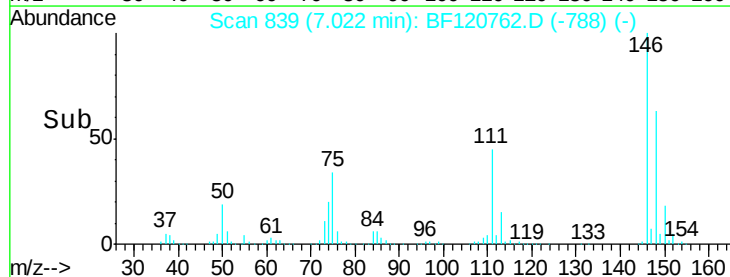
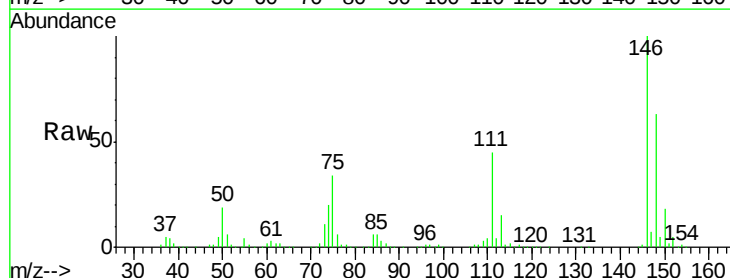
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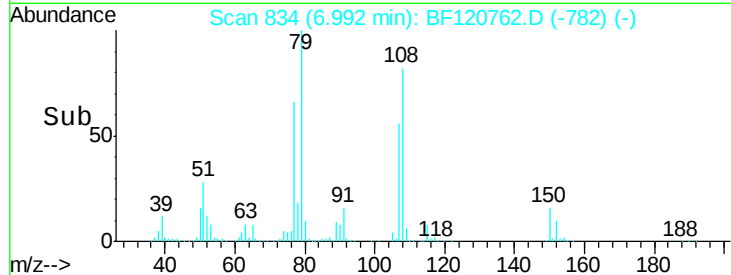
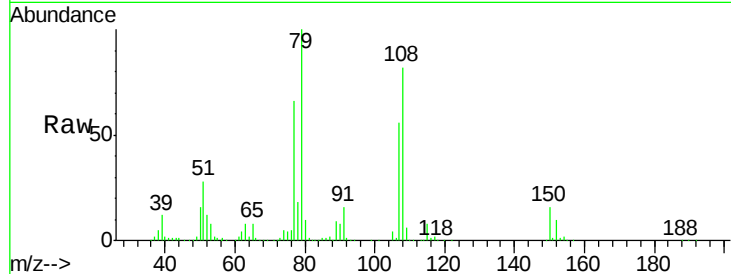
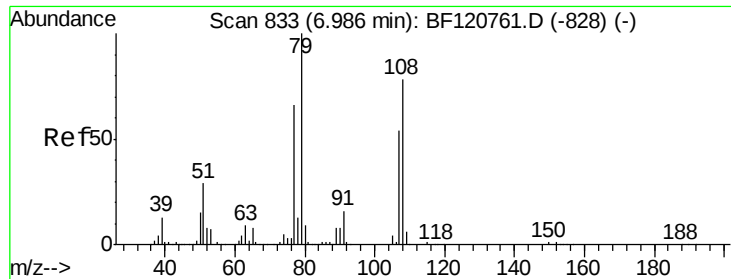
mohammad
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#14
1,2-Dichlorobenzene
Concen: 48.828 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.4
111	45.2	35.7	53.5





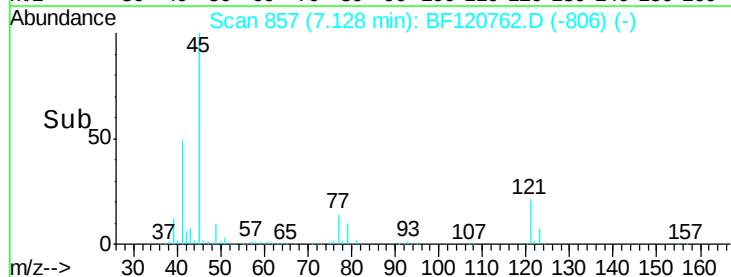
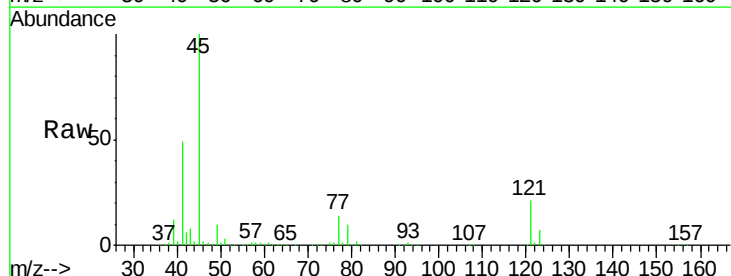
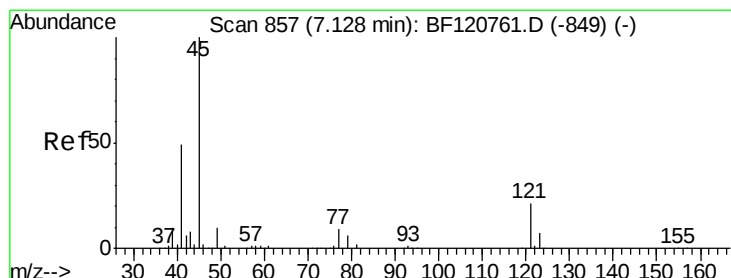
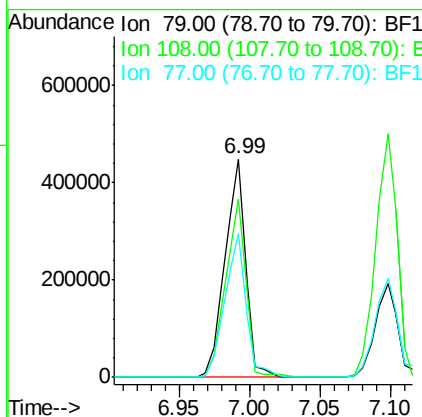
#15
Benzyl Alcohol
Concen: 60.381 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.9	62.4	93.6
77	65.6	52.7	79.1

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

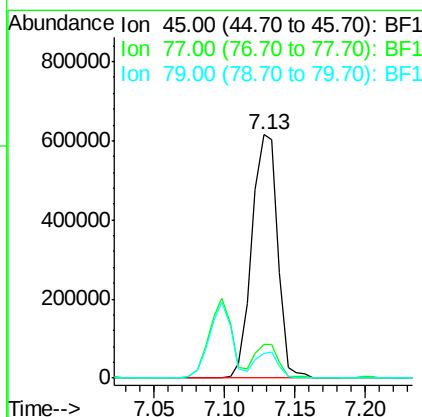
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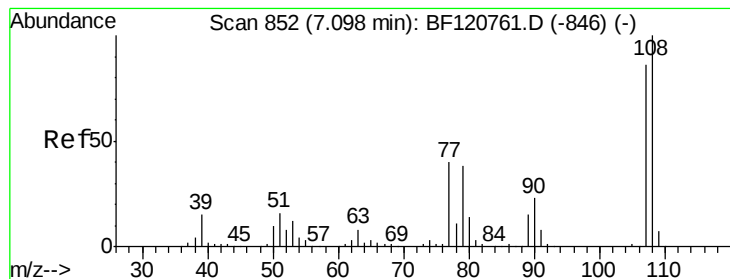
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.598 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.7
79	10.4	0.0	30.5





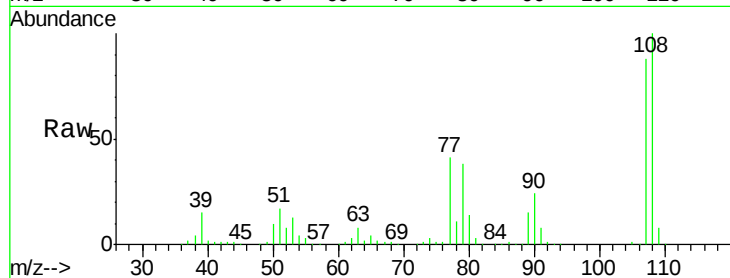
#17
2-Methylphenol
Concen: 54.000 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	107	Resp	462478
Ion	Ratio	Lower	Upper
107	100		
108	113.3	93.1	139.7
77	45.9	37.3	55.9
79	43.4	35.3	52.9

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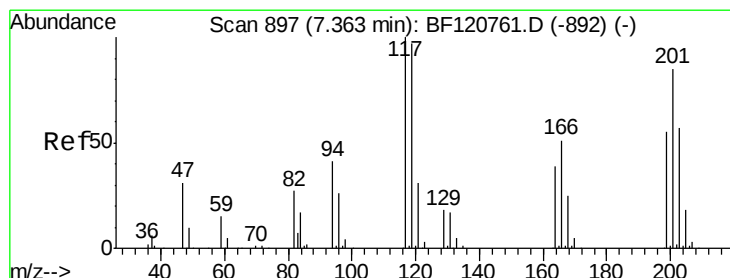
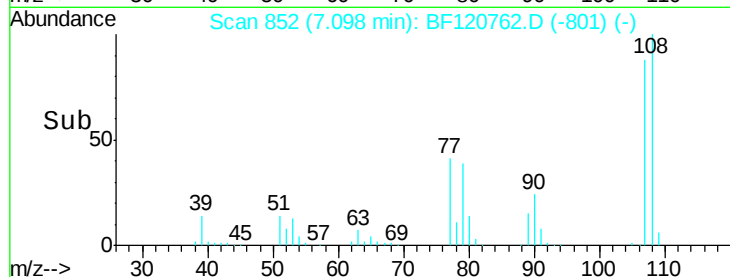
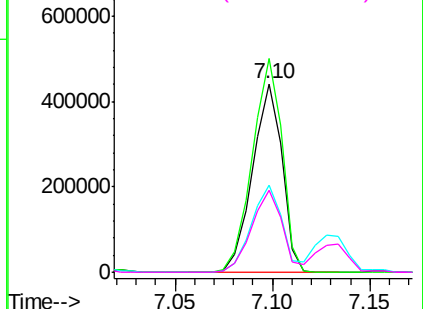
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

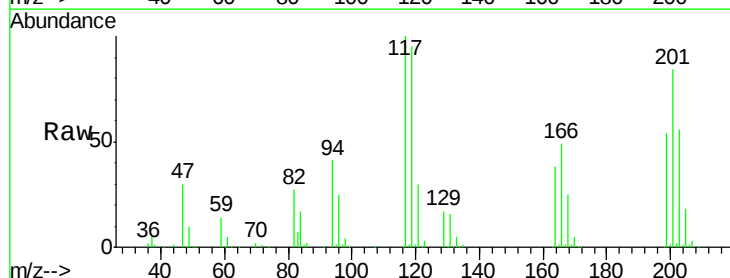
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 54.172 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	117	Resp	214846
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.9	116.9
201	83.6	68.3	102.5

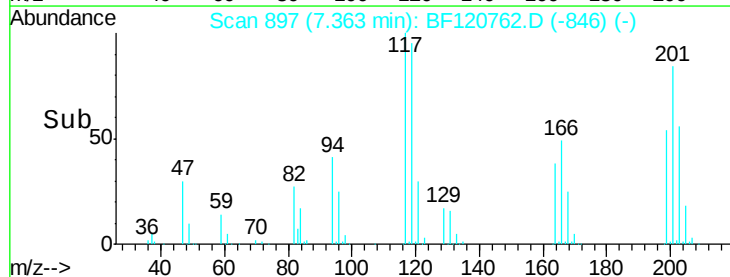
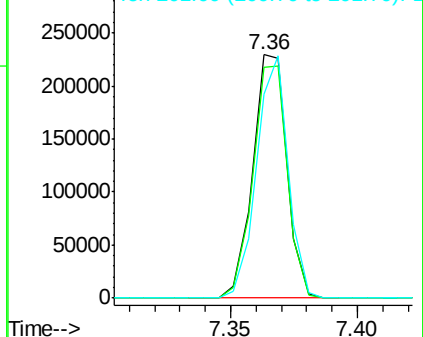


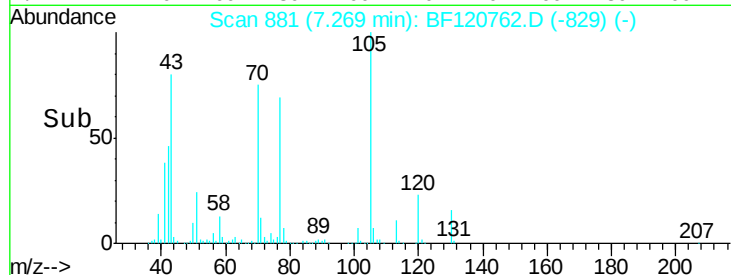
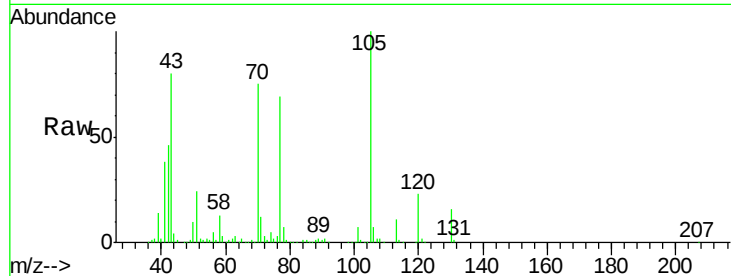
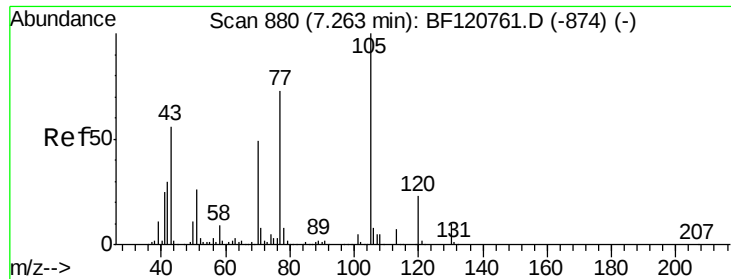
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





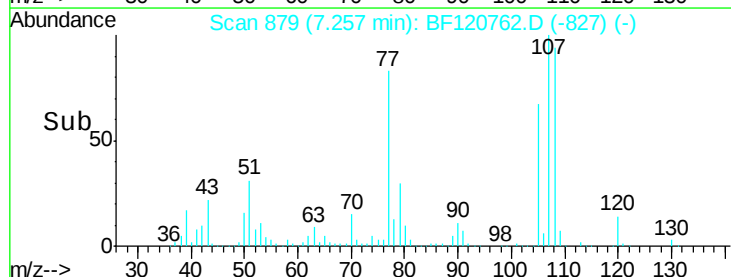
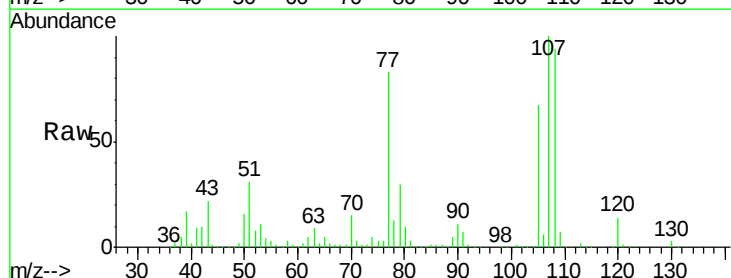
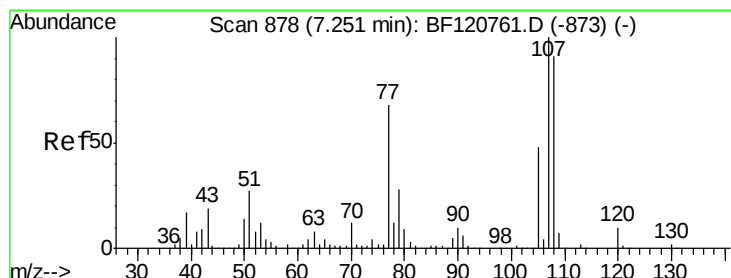
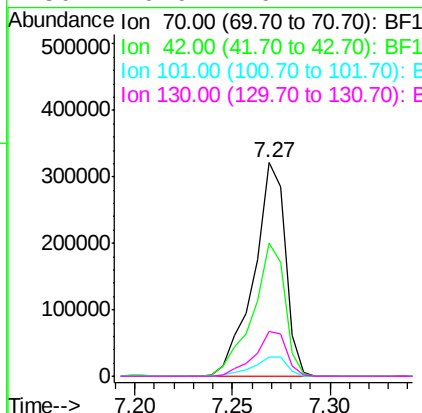
#19
n-Nitroso-di-n-propylamine
Concen: 52.388 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.2	50.3	75.5
101	9.0	7.5	11.3
130	20.9	16.1	24.1

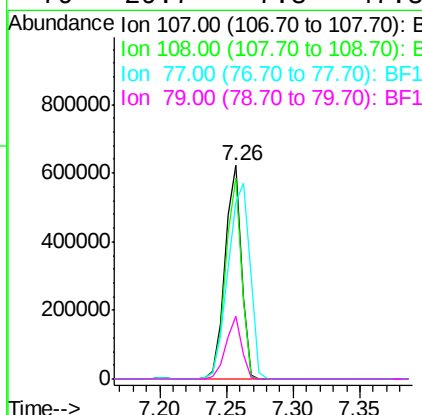
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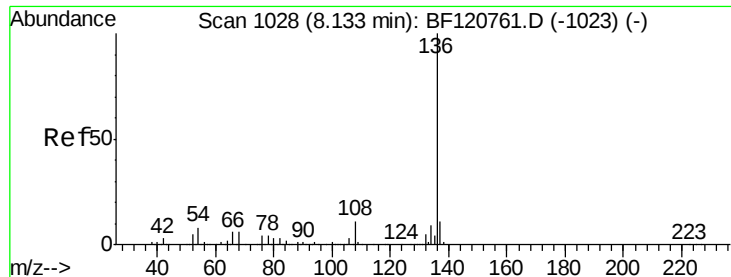
mohammad
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#20
3+4-Methylphenols
Concen: 46.951 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.1	70.9	110.9
77	82.7	48.3	88.3
79	29.7	7.8	47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

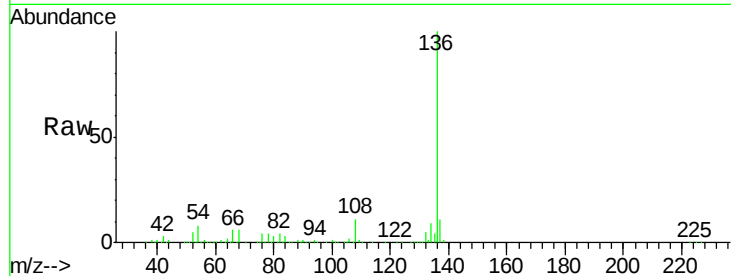
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	555579		
137	11.1	9.0	13.6	
54	8.1	6.2	9.4	
68	5.8	4.7	7.1	

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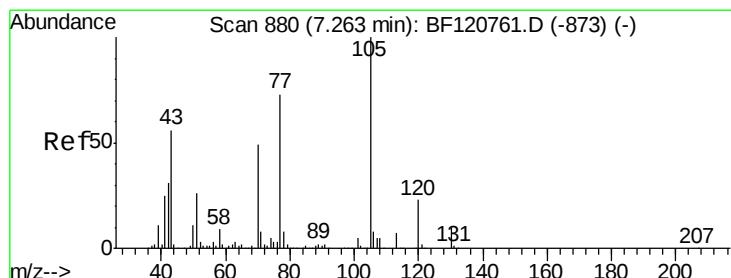
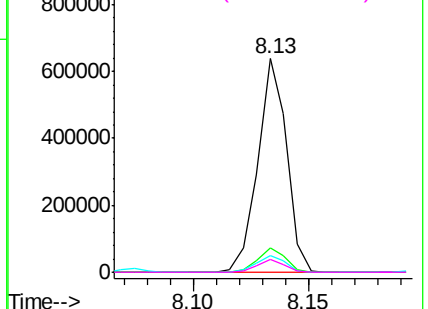
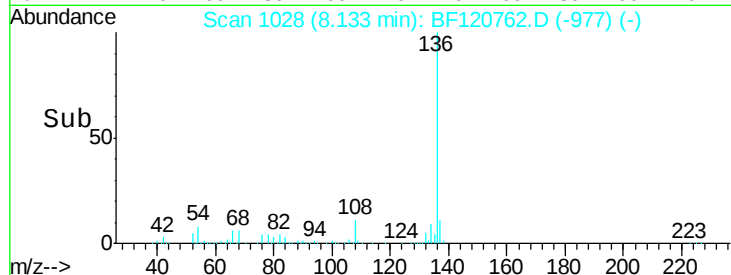


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.744 ng

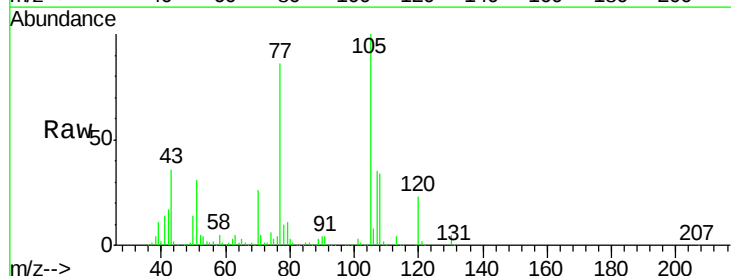
RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659024		
71	4.5	6.5	9.7#	
51	31.1	21.0	31.4	
120	22.5	18.6	28.0	

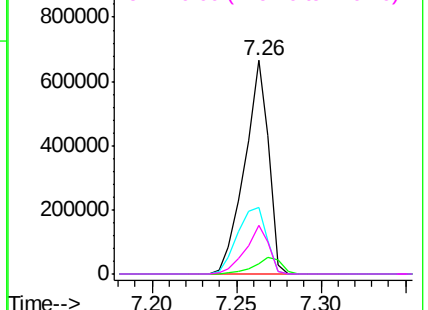
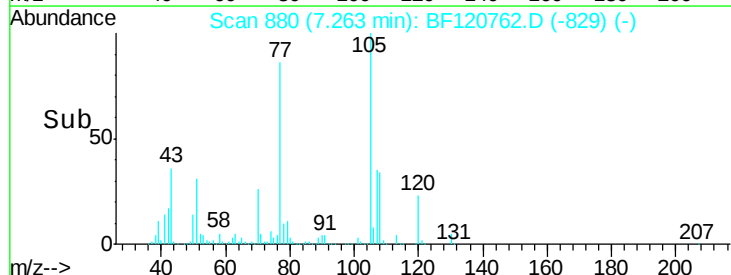


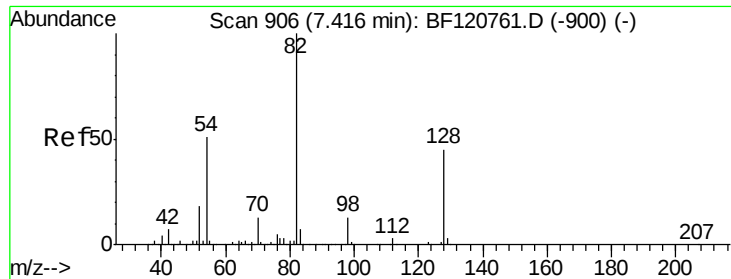
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





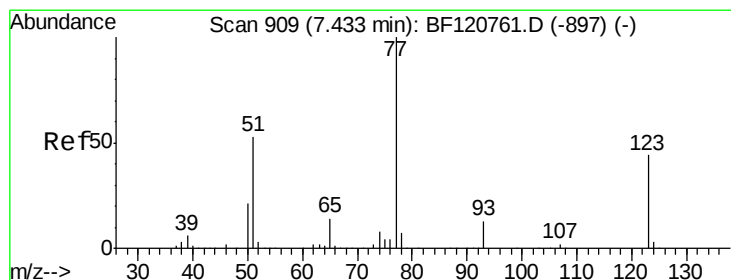
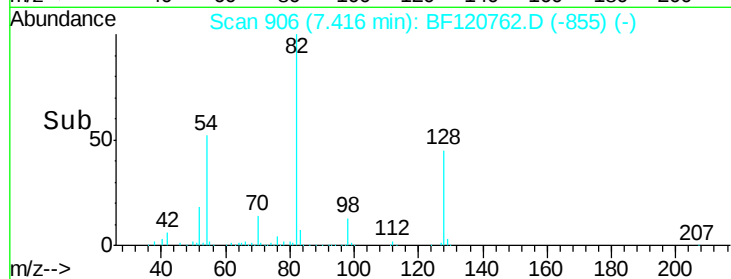
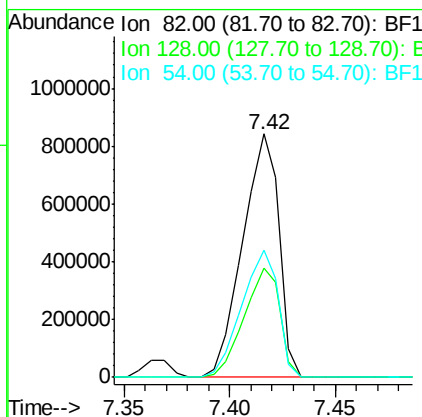
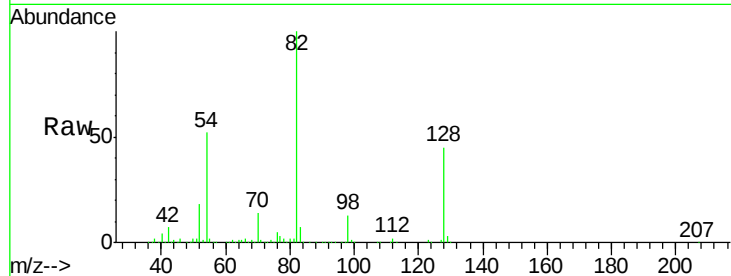
#23
 Nitrobenzene-d5
 Concen: 103.734 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1004273
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.7 53.5
 54 52.4 40.9 61.3

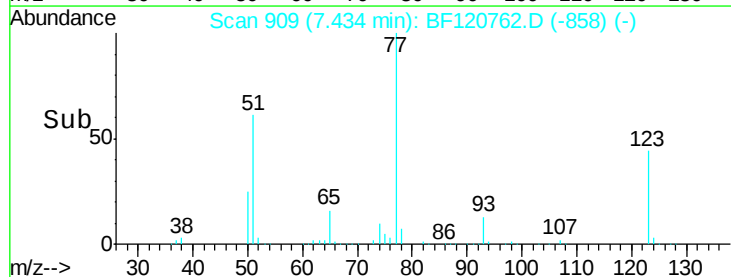
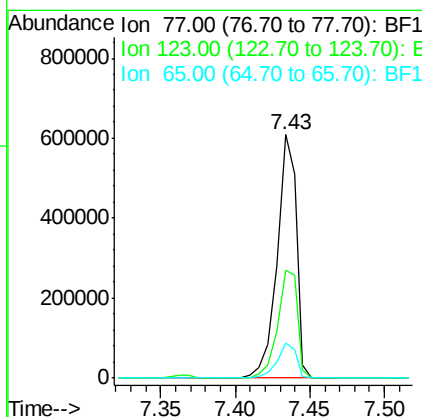
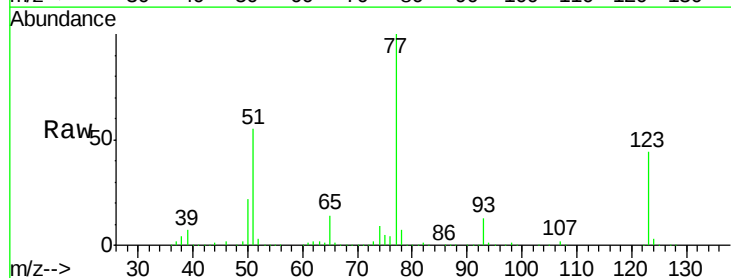
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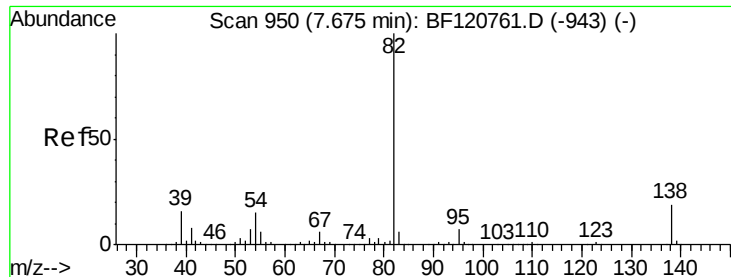
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#24
 Nitrobenzene
 Concen: 54.416 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion: 77 Resp: 549899
 Ion Ratio Lower Upper
 77 100
 123 44.3 36.1 54.1
 65 14.3 11.0 16.4





#25

Isophorone

Concen: 54.494 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1022146

Ion Ratio Lower Upper

82 100

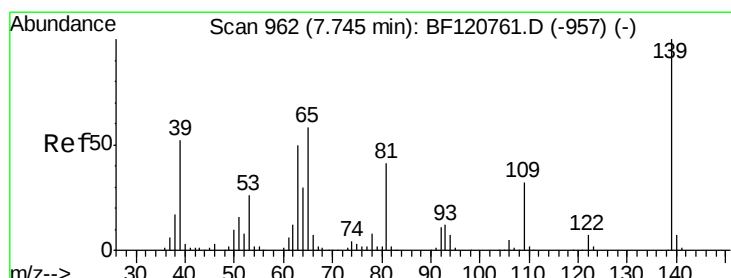
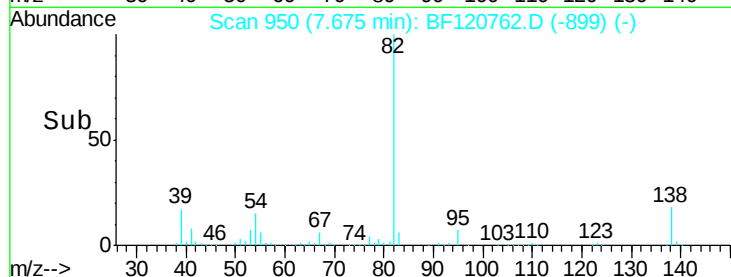
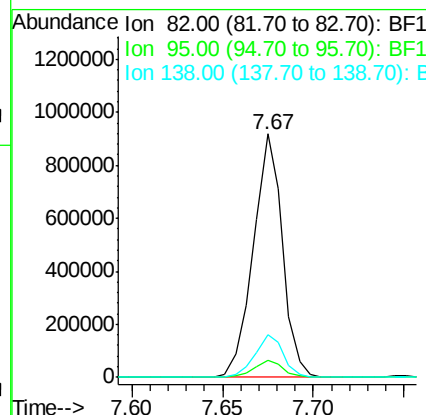
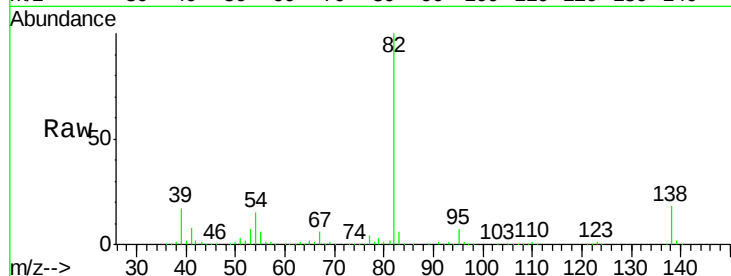
95 6.9 5.4 8.2

138 17.5 15.0 22.4

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#26

2-Nitrophenol

Concen: 42.060 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

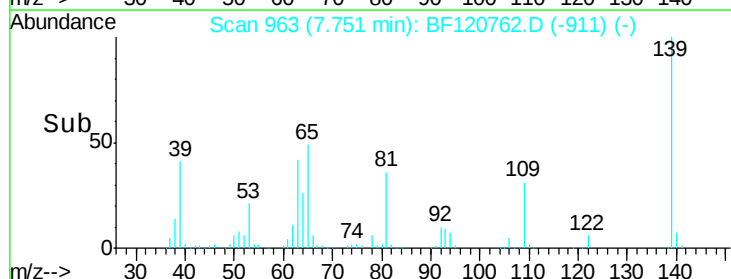
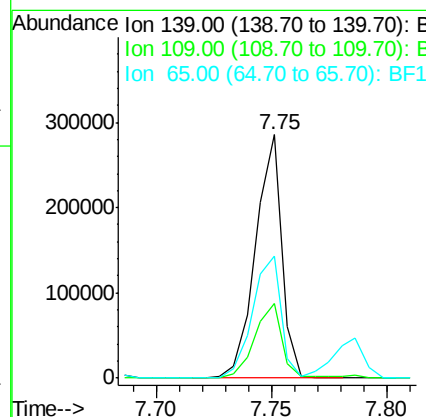
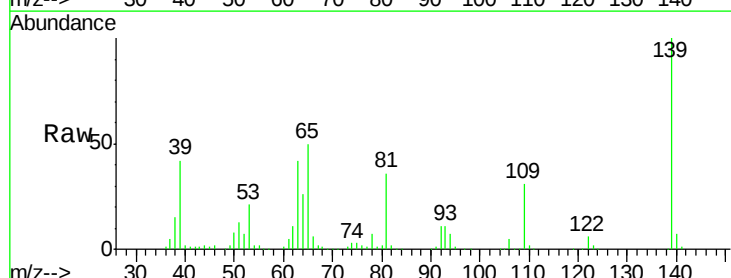
Tgt Ion: 139 Resp: 227362

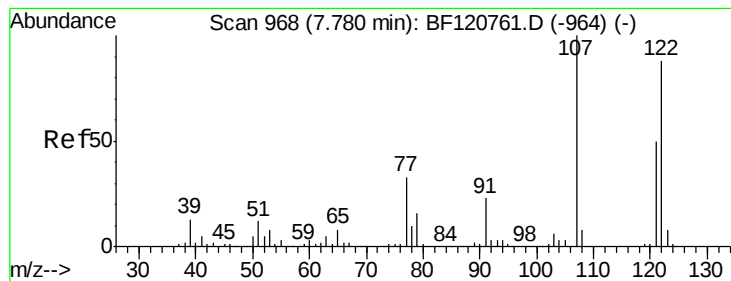
Ion Ratio Lower Upper

139 100

109 30.5 25.3 37.9

65 50.3 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 52.677 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

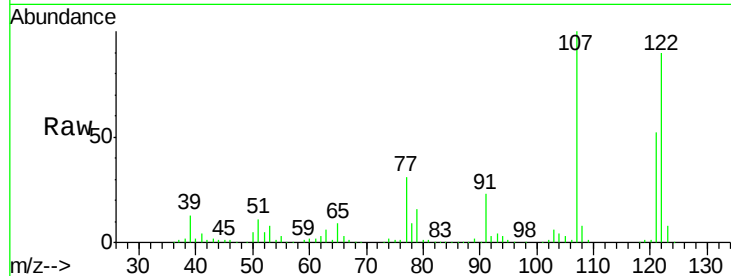
ClientSampleId :

SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		426886		
107	110.9	90.7	136.1		
121	57.3	45.4	68.0		

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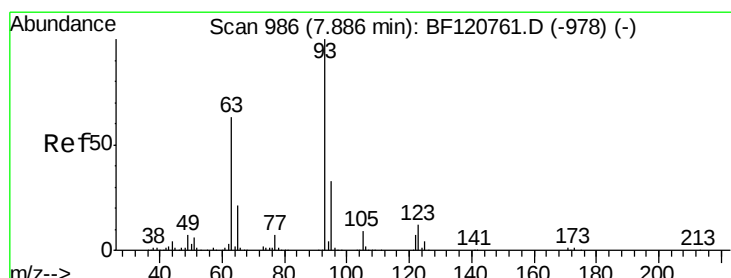
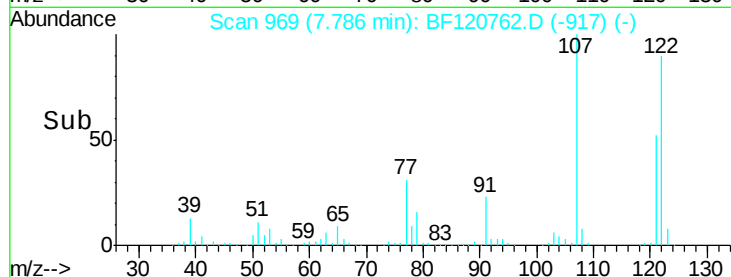
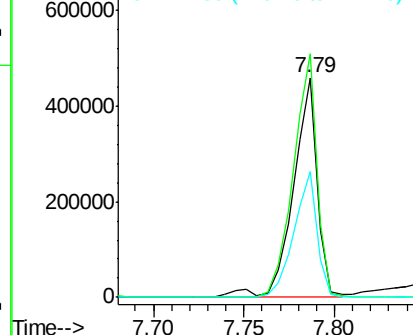
mohammad
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.571 ng

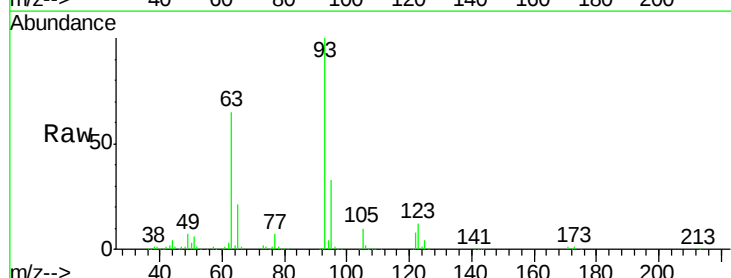
RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

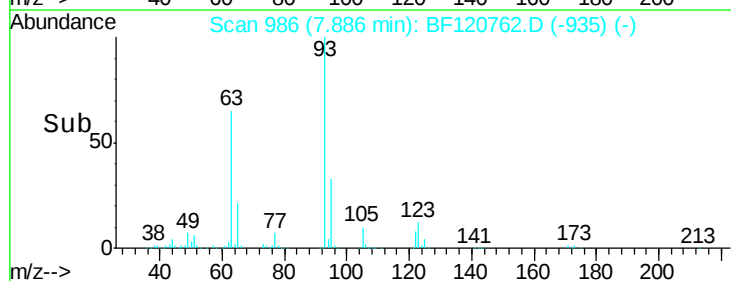
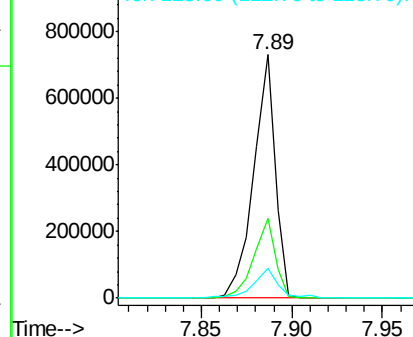
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		607333		
95	32.8	26.4	39.6		
123	12.5	10.2	15.2		

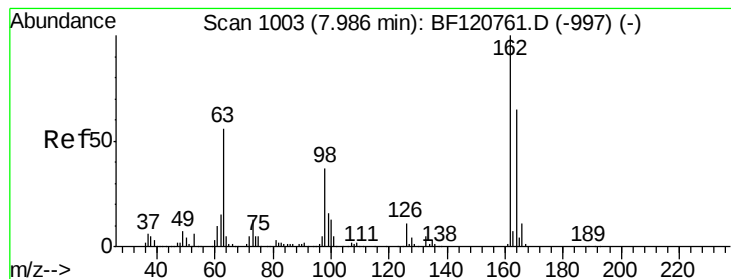


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.520 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

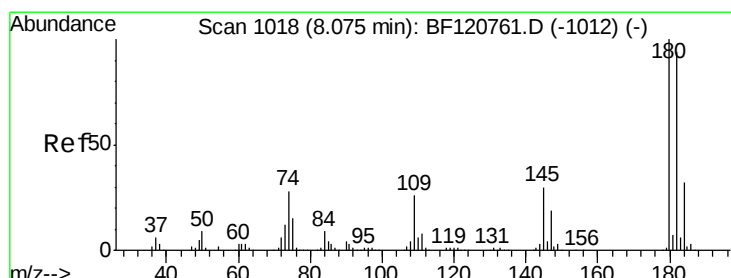
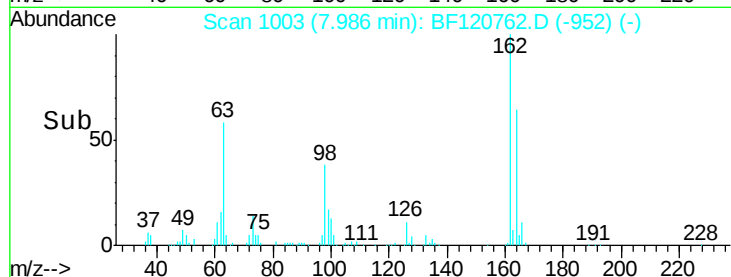
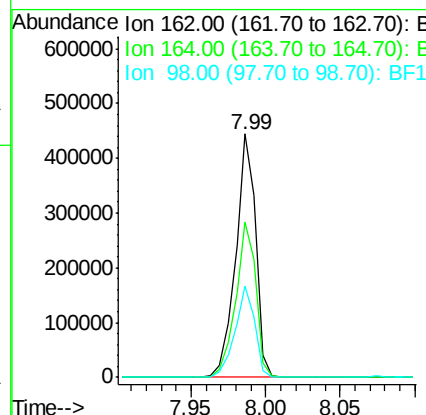
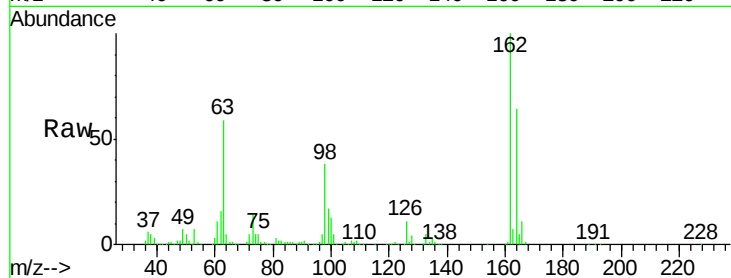
ClientSampleId :

SSTDIC050

Tot Ion:	162	Resp:	419673
Ion Ratio	Lower	Upper	
162	100		
164	63.6	45.2	85.2
98	37.7	17.0	57.0

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#30

1,2,4-Trichlorobenzene

Concen: 48.822 ng

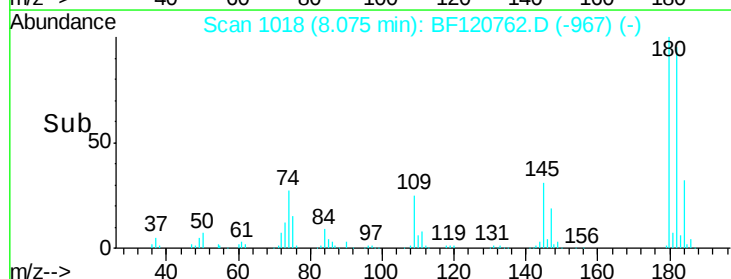
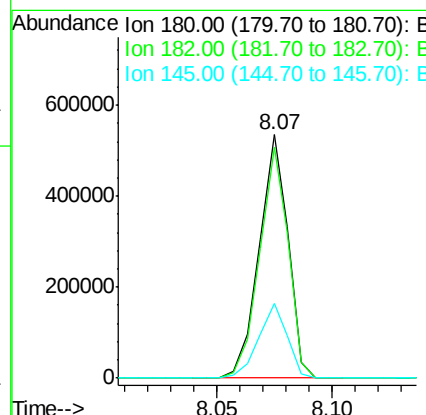
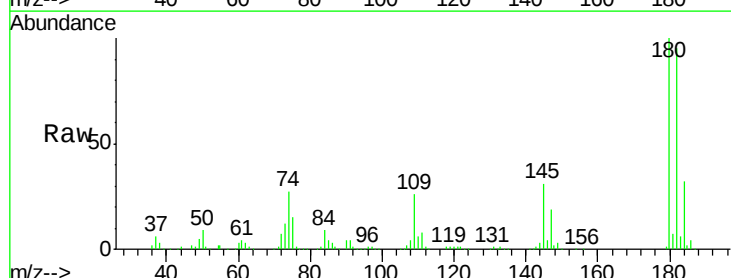
RT: 8.07 min Scan# 1018

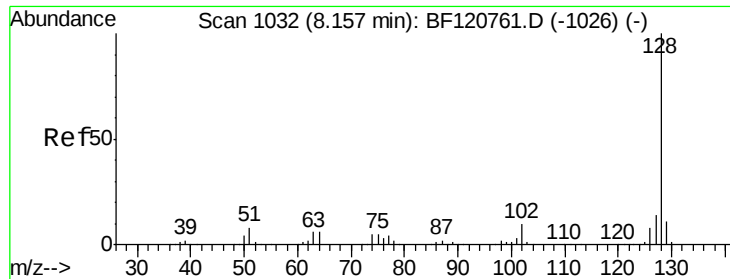
Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Tgt Ion:	180	Resp:	465799
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.5	113.3
145	30.5	24.1	36.1





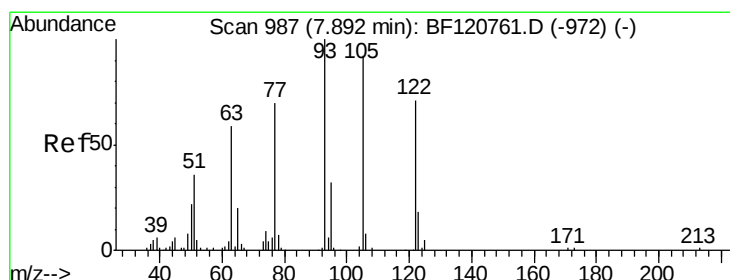
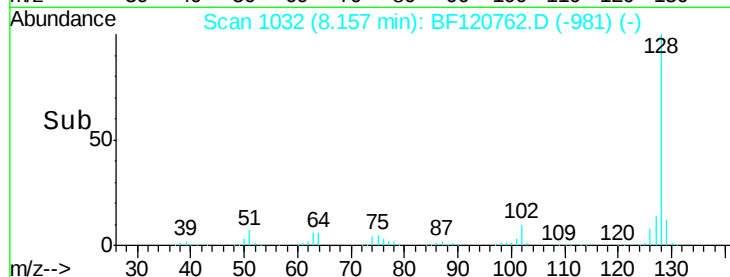
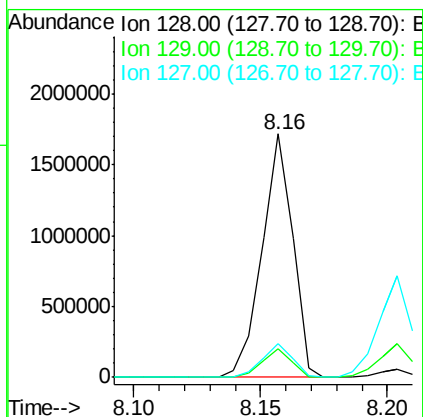
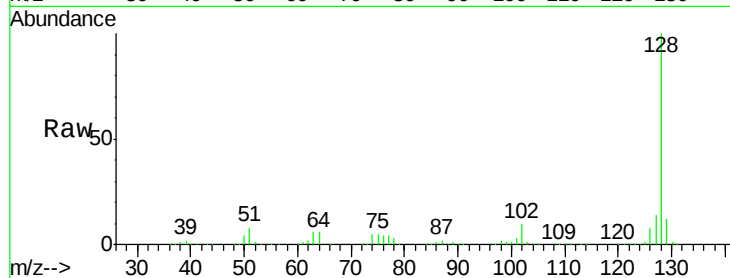
#31
Naphthalene
Concen: 52.179 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	14.1	11.1	16.7

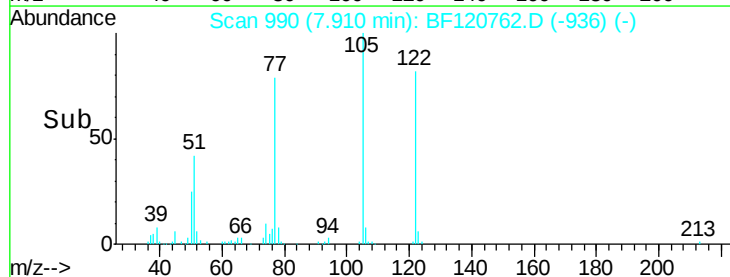
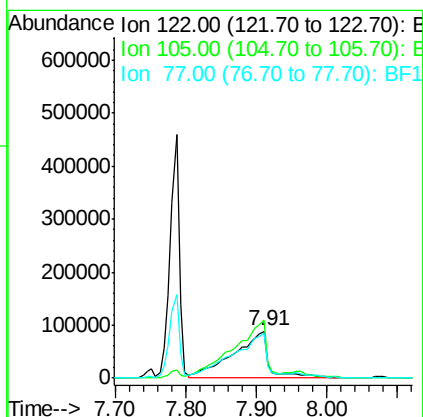
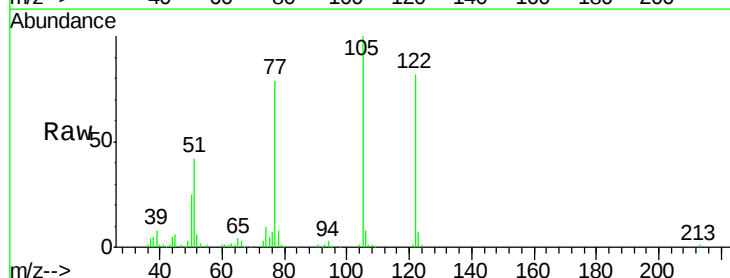
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#32
Benzoic acid
Concen: 52.762 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.02 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	105.8	145.8
77	96.7	77.3	117.3





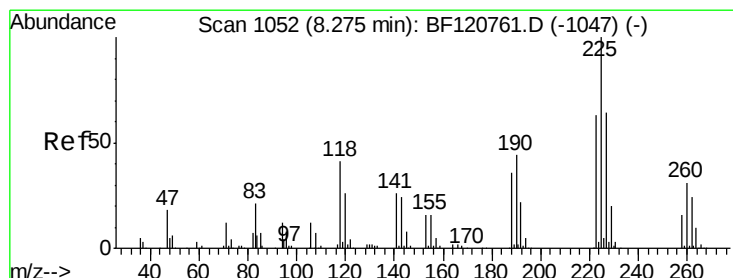
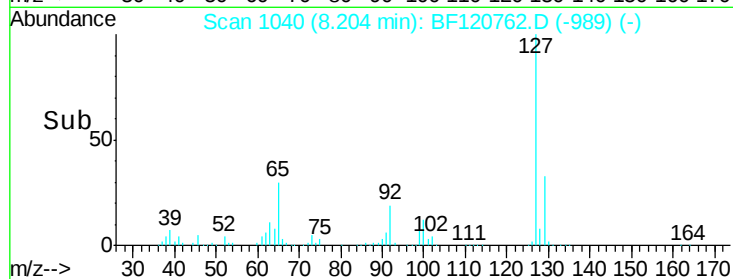
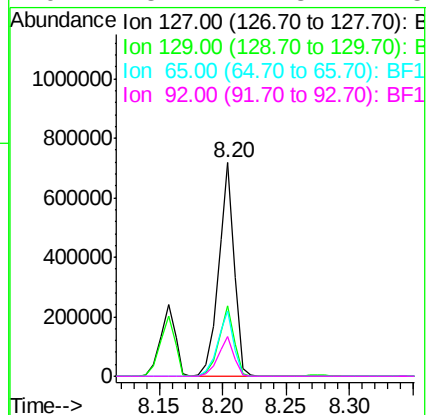
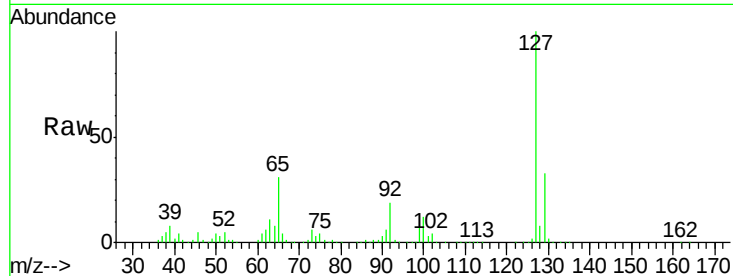
#33
4-Chloroaniline
Concen: 51.351 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		621572		
129	32.7	26.6	39.8		
65	30.6	22.7	34.1		
92	18.7	14.3	21.5		

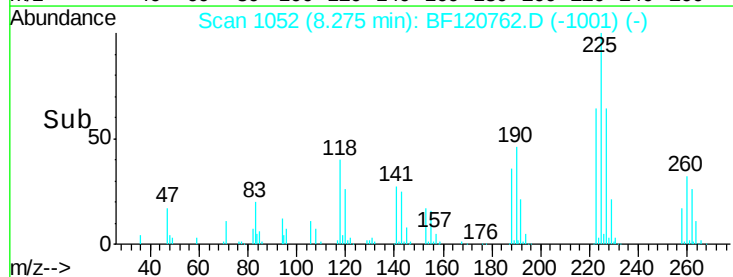
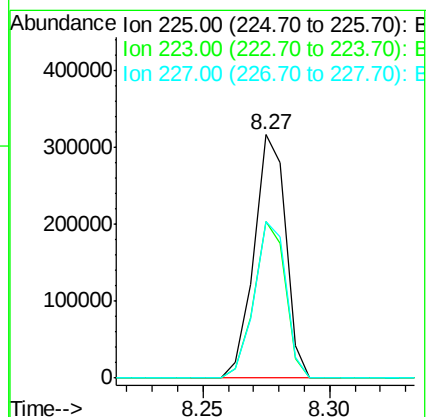
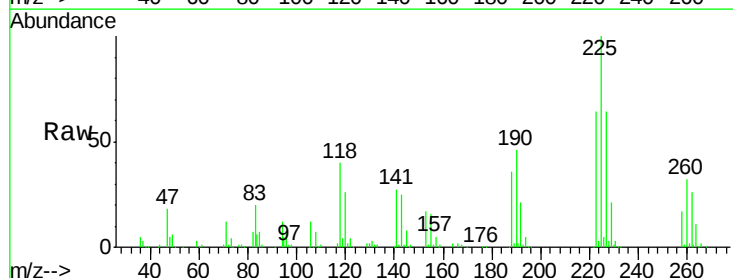
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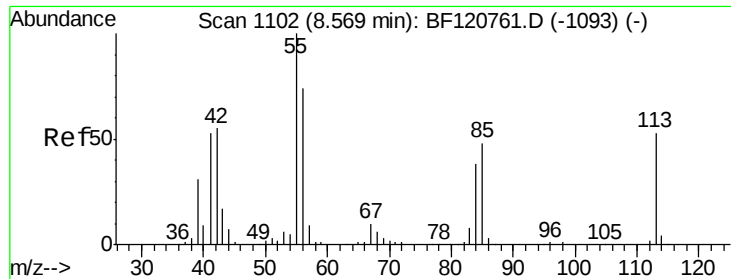
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#34
Hexachlorobutadiene
Concen: 47.886 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		275846		
223	64.2	50.6	76.0		
227	64.1	51.4	77.2		





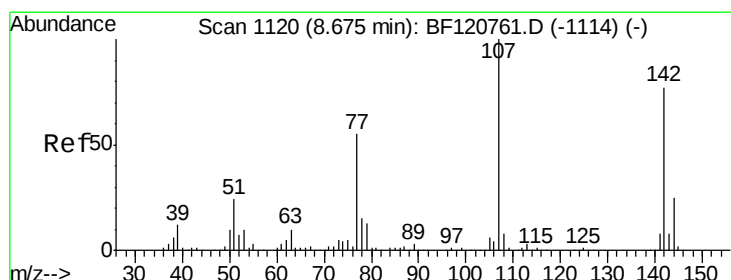
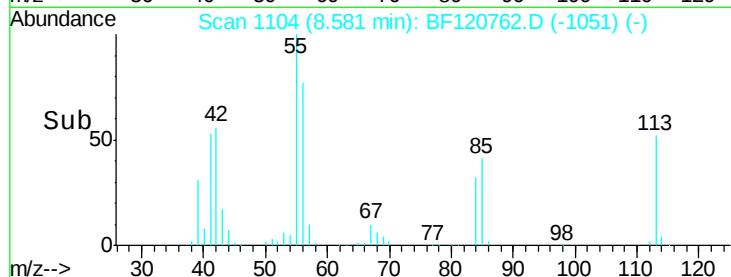
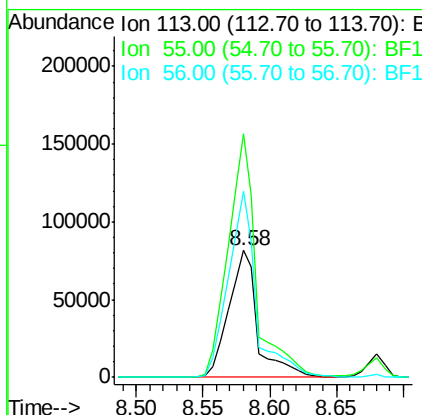
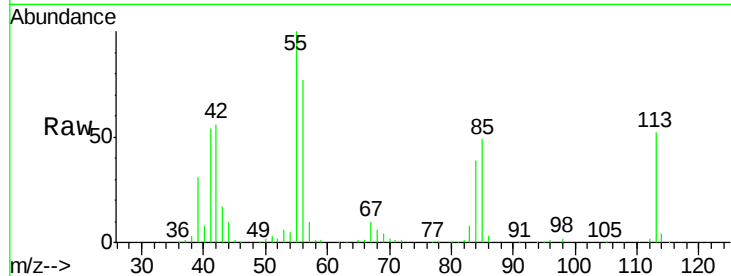
#35
 Caprolactam
 Concen: 47.039 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	191.9	168.3	208.3		
56	147.0	118.8	158.8		

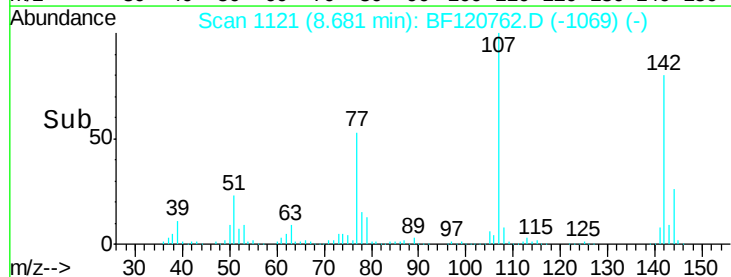
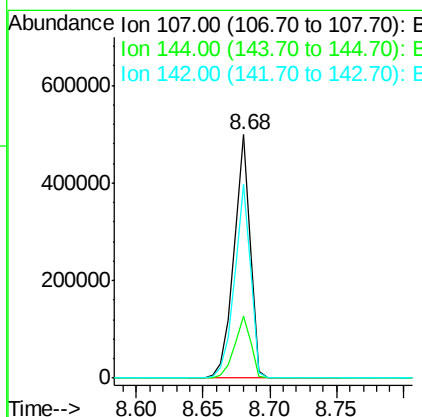
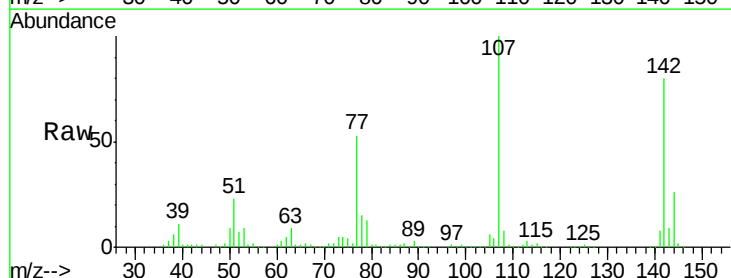
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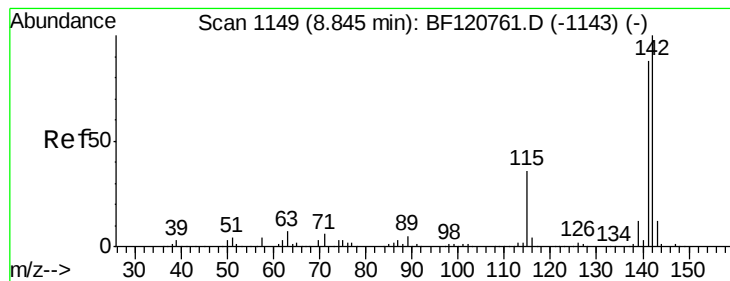
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#36
 4-Chloro-3-methylphenol
 Concen: 53.100 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6	19.7	29.5		
142	79.7	61.2	91.8		





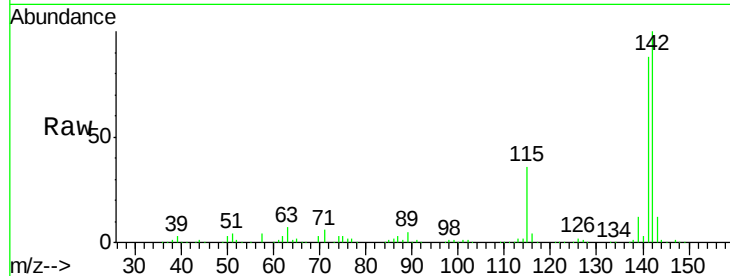
#37
2-Methylnaphthalene
Concen: 51.260 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

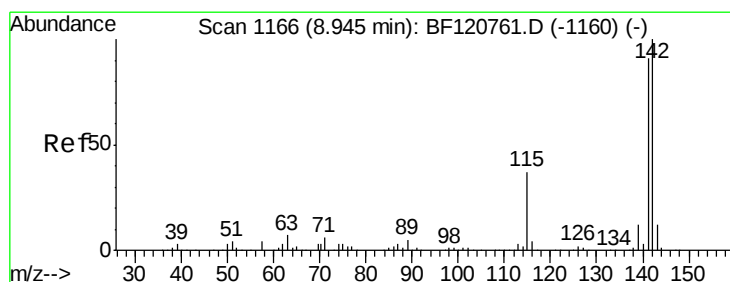
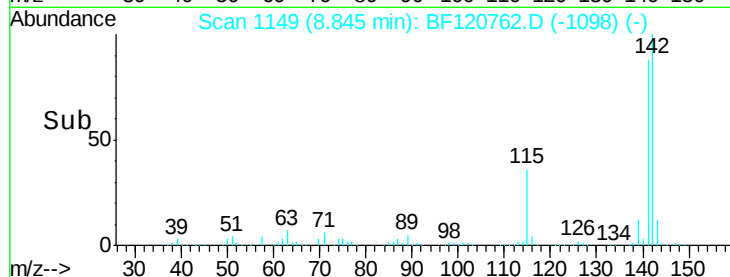
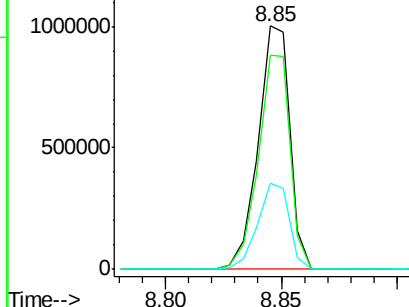
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.4
115	35.6	29.0	43.4

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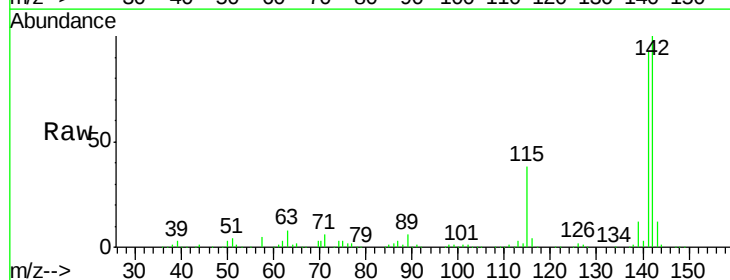


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

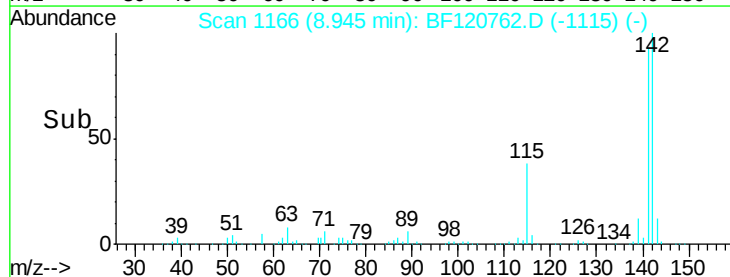
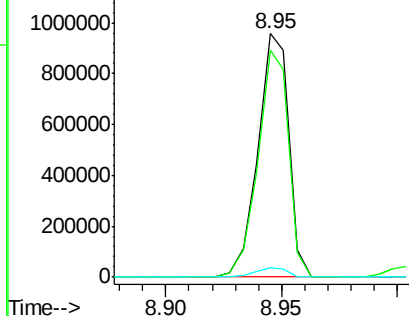


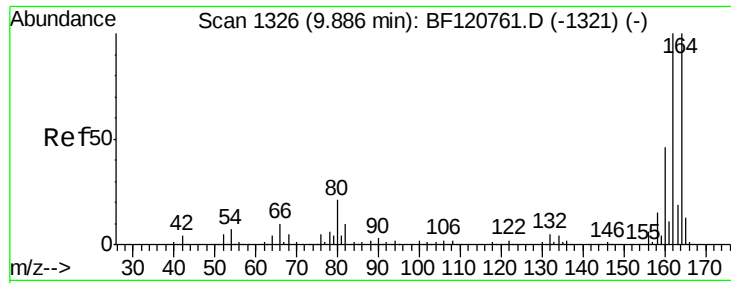
#38
1-Methylnaphthalene
Concen: 50.916 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.5	108.7
116	4.0	3.1	4.7



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





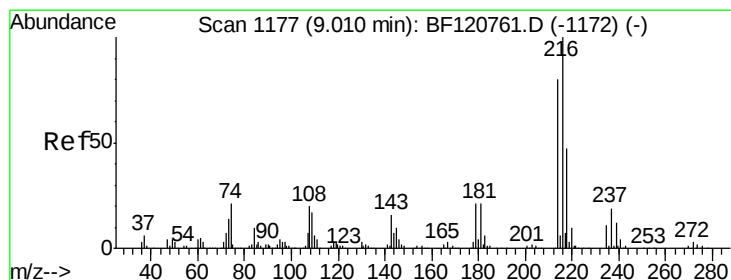
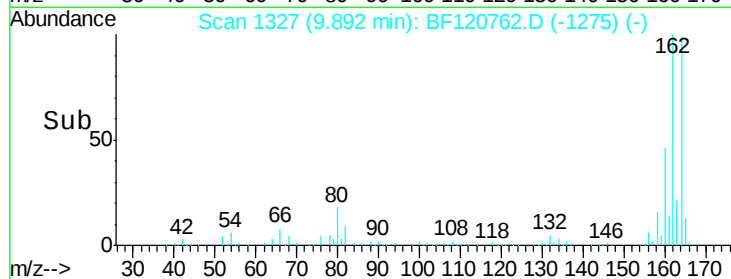
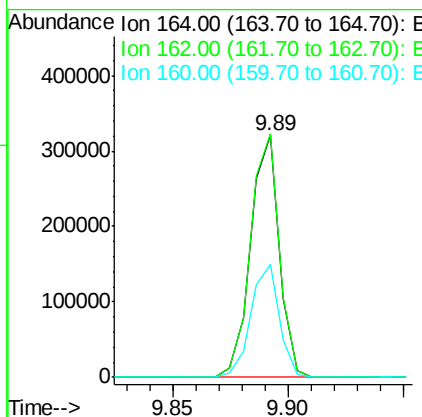
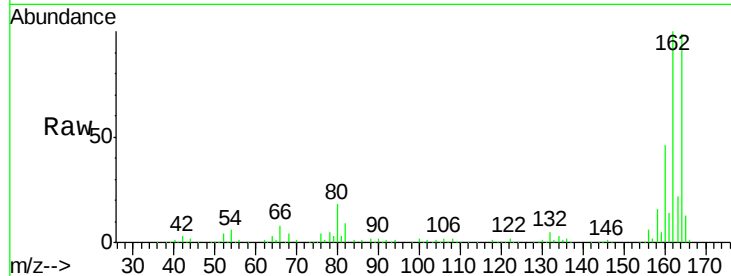
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
164	100	279185		
162	100.6	80.2	120.2	
160	46.5	36.9	55.3	

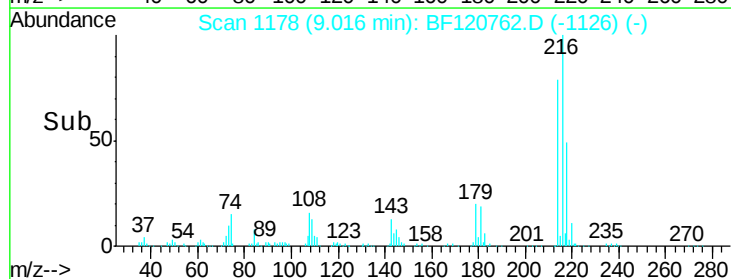
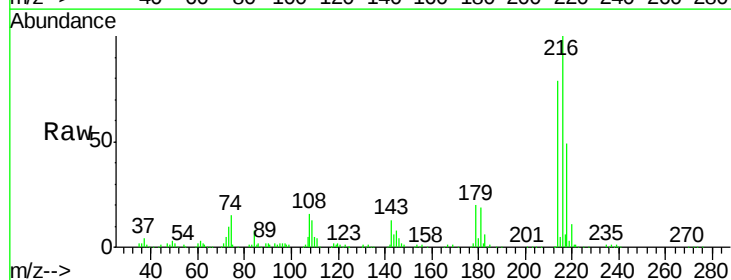
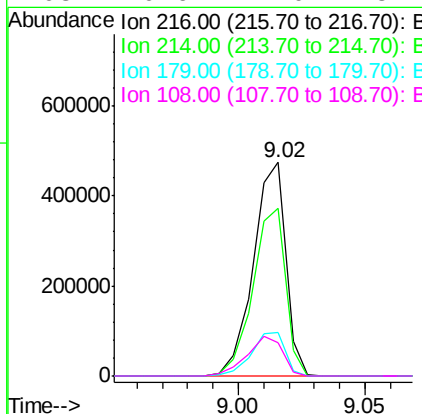
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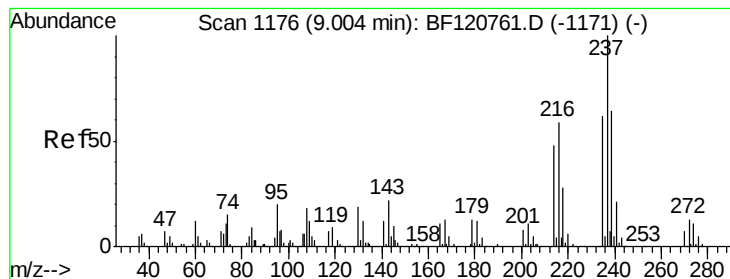
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.812 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	426125		
214	79.3	63.7	95.5	
179	21.0	16.7	25.1	
108	20.6	17.0	25.4	





#41

Hexachlorocyclopentadiene

Concen: 64.230 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

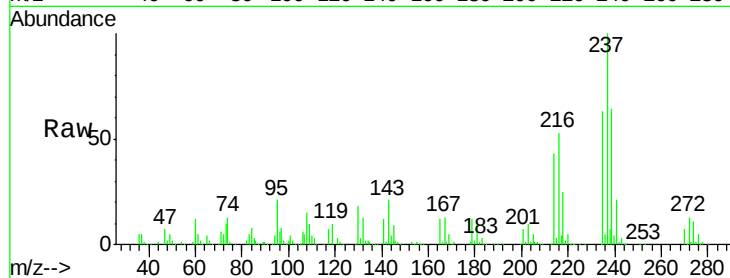
ClientSampleId :

SSTDIC050

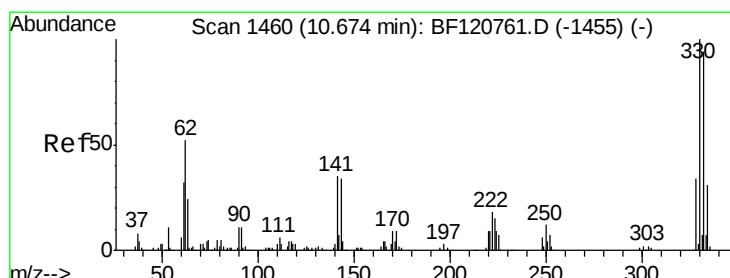
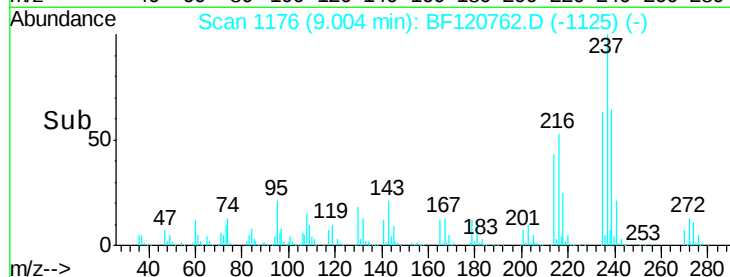
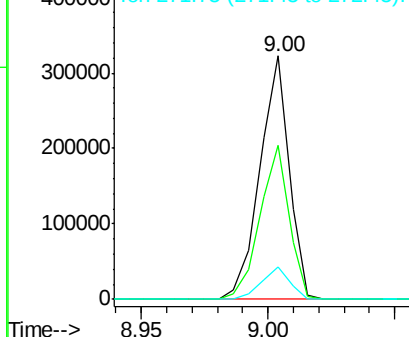
Tot Ion:	237	Resp:	261605
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.1	82.1
272	13.4	0.0	33.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.560 ng

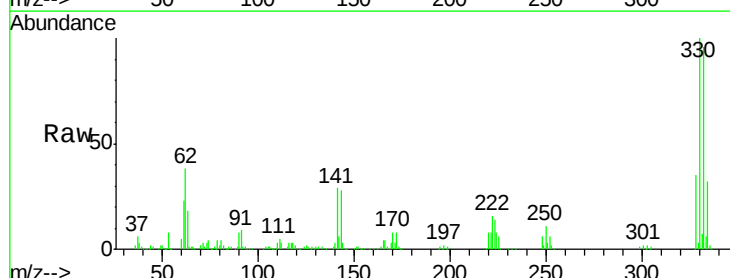
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

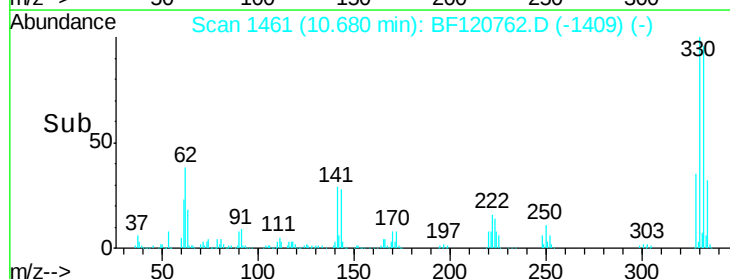
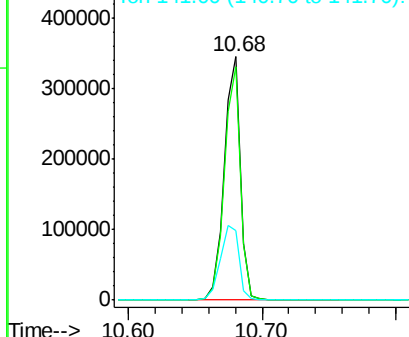
Lab File: BF120762.D

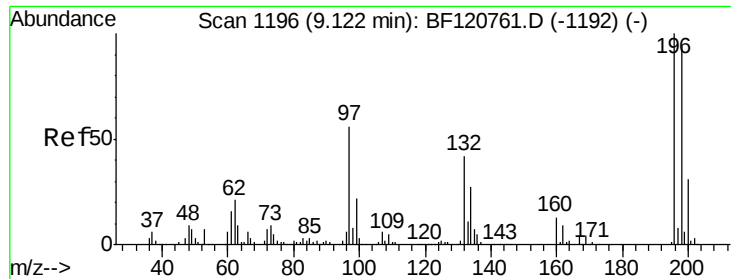
Acq: 2 Jul 2020 17:01

Tgt Ion:	330	Resp:	296479
Ion Ratio	Lower	Upper	
330	100		
332	95.2	75.8	113.6
141	35.8	29.7	44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





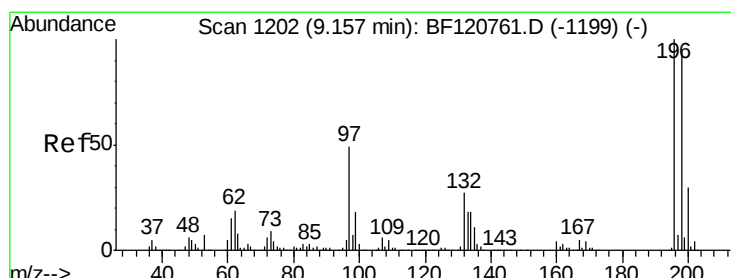
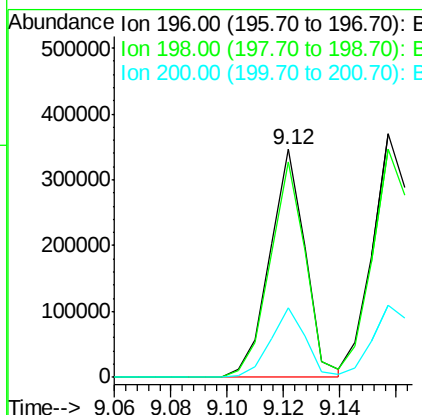
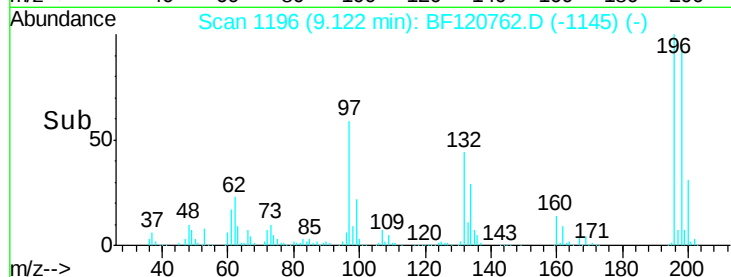
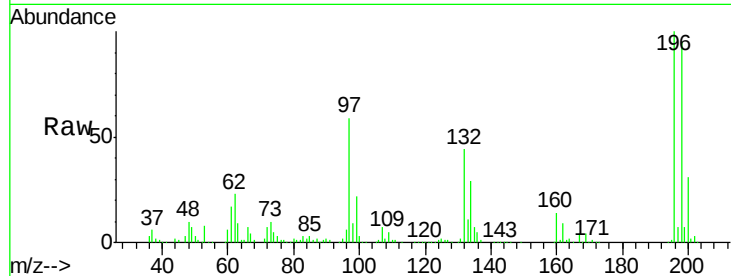
#43
 2,4,6-Trichlorophenol
 Concen: 50.236 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC050

Tot Ion:	196	Resp:	302000
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.3	112.9
200	30.7	24.4	36.6

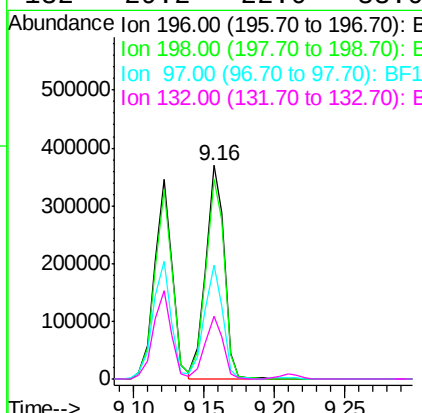
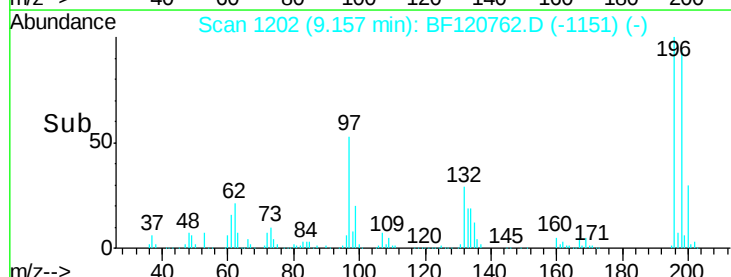
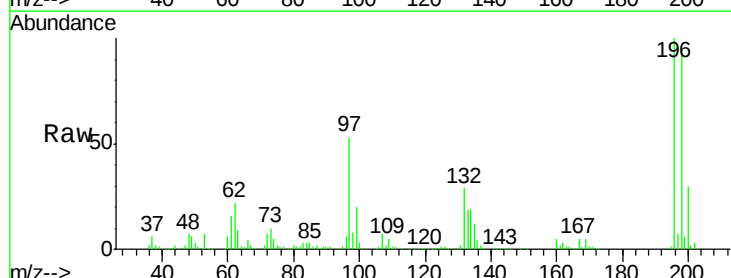
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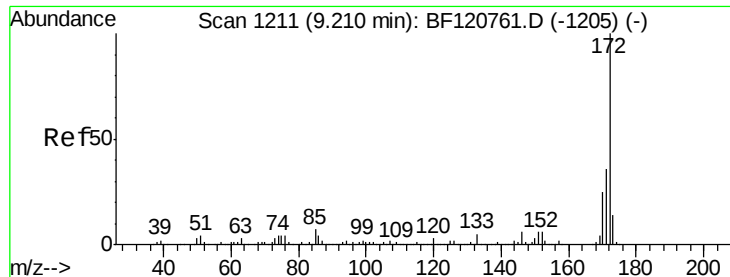
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.846 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion:	196	Resp:	336716
Ion Ratio	Lower	Upper	
196	100		
198	93.8	76.2	114.2
97	53.2	39.6	59.4
132	29.2	22.0	33.0





#45

2-Fluorobiphenyl

Concen: 84.119 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:172 Resp: 1665992

Ion Ratio Lower Upper

172 100

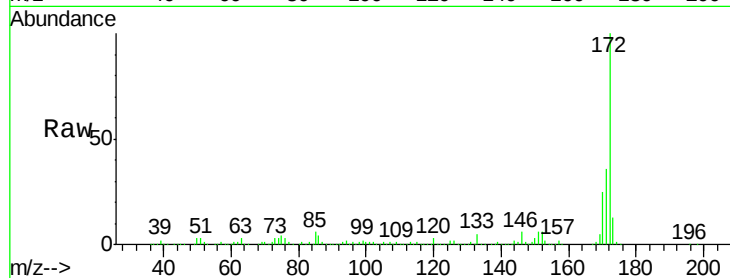
171 36.2 29.1 43.7

170 25.3 19.8 29.6

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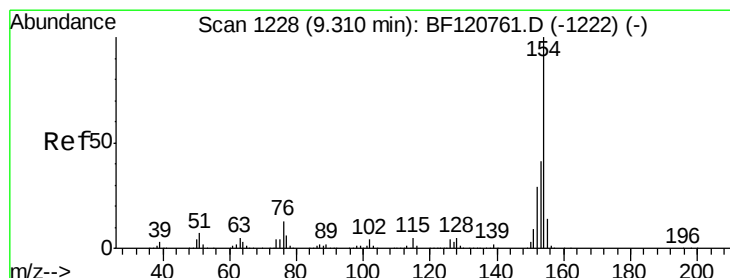
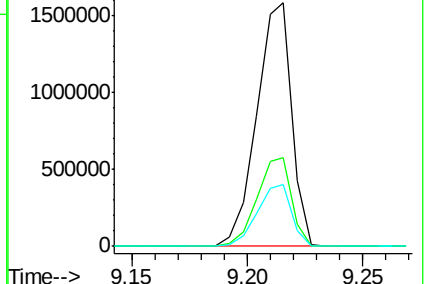
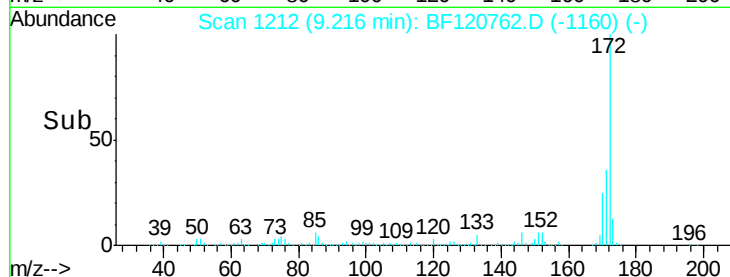
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 48.760 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

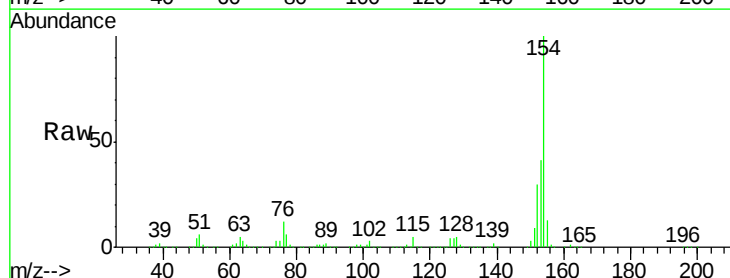
Tgt Ion:154 Resp: 1103219

Ion Ratio Lower Upper

154 100

153 41.0 20.7 60.7

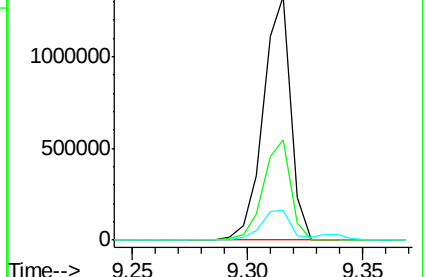
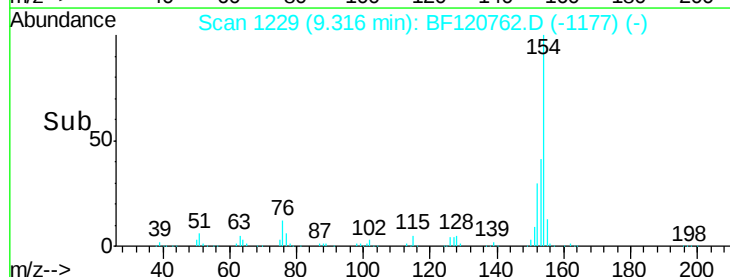
76 12.0 0.0 33.3

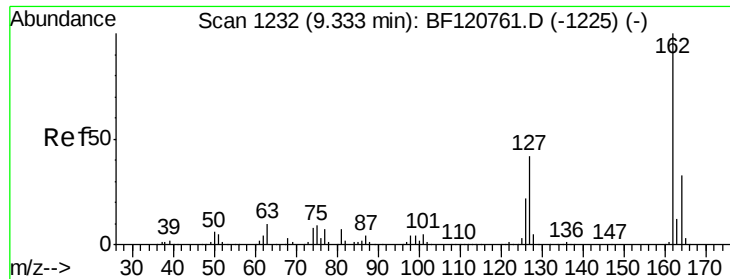


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





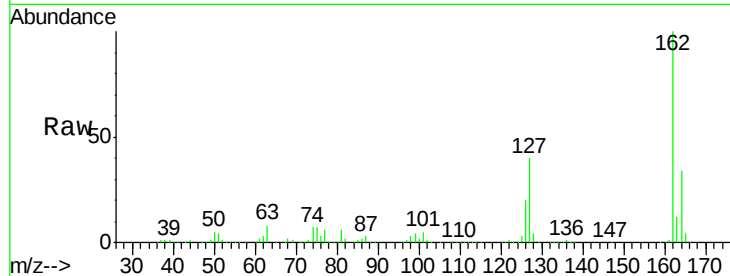
#47
2-Chloronaphthalene
Concen: 49.327 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

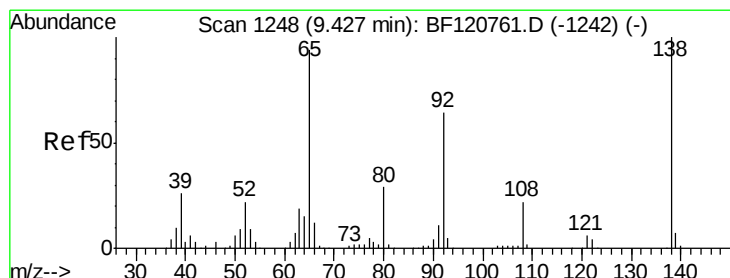
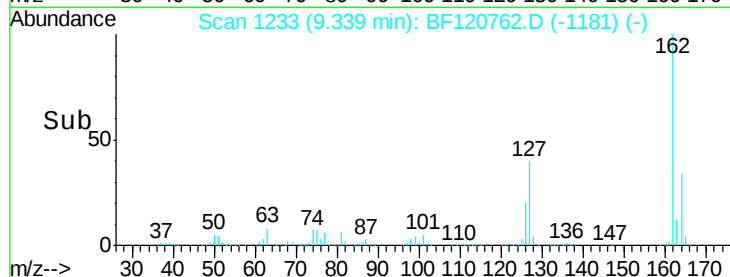
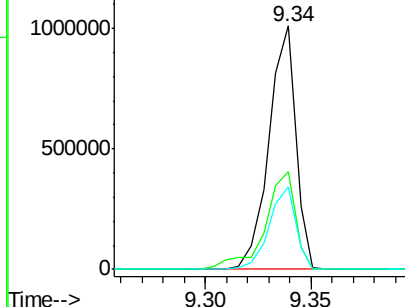
Tot Ion	Ratio	Resp	Lower	Upper
162	100	898107		
127	40.0		33.7	50.5
164	33.9		26.4	39.6

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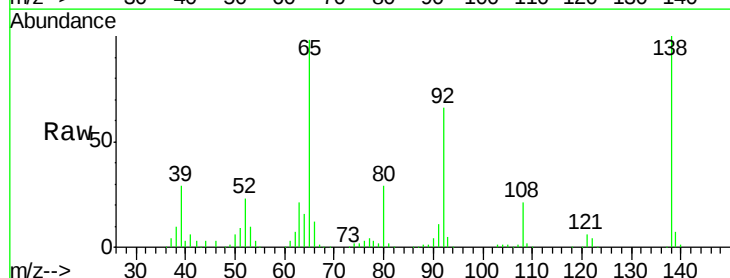


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

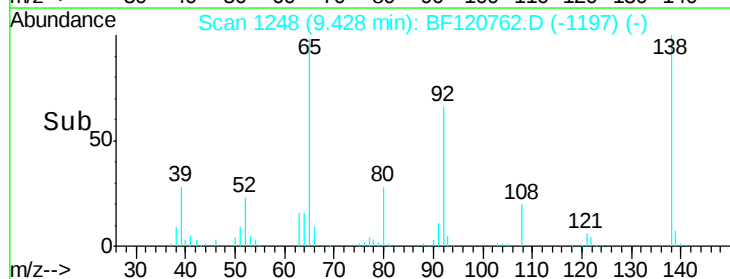
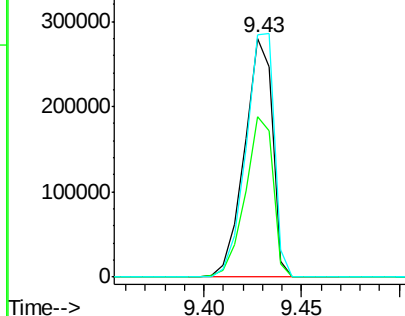


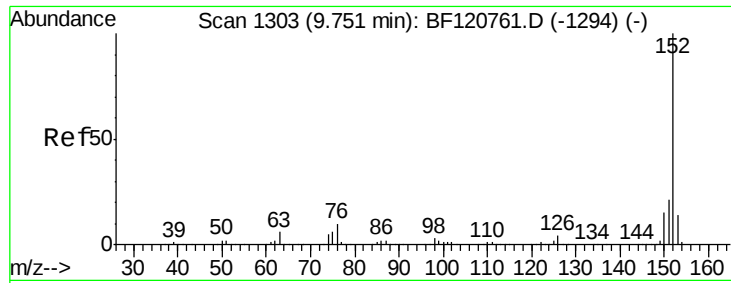
#48
2-Nitroaniline
Concen: 52.390 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	278184		
92	66.9		54.4	81.6
138	101.6		84.7	127.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.485 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

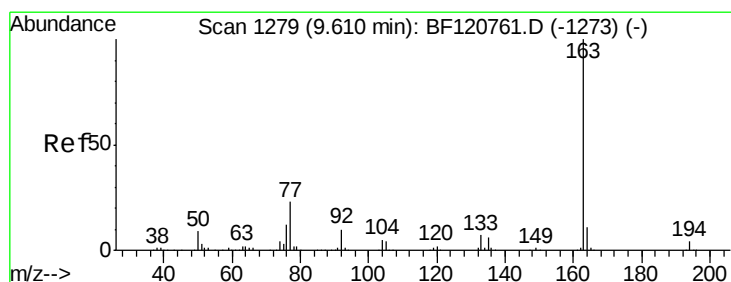
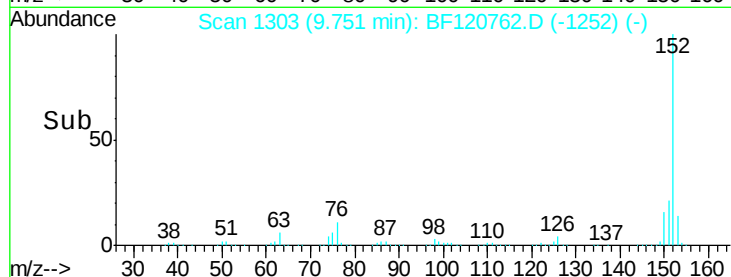
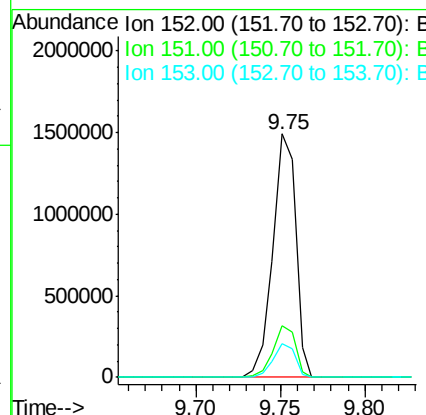
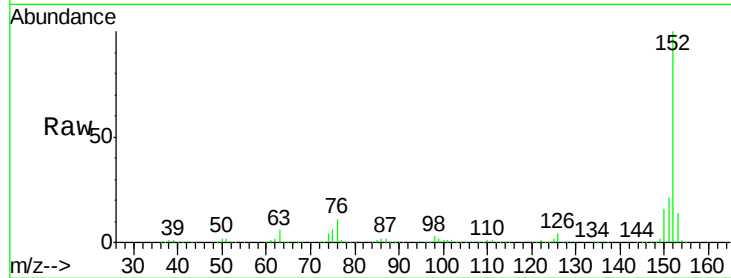
ClientSampleId :

SSTDICC050

Tot Ion:	152	Resp:	1399121
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.9	10.8	16.2

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#50

Dimethylphthalate

Concen: 47.634 ng

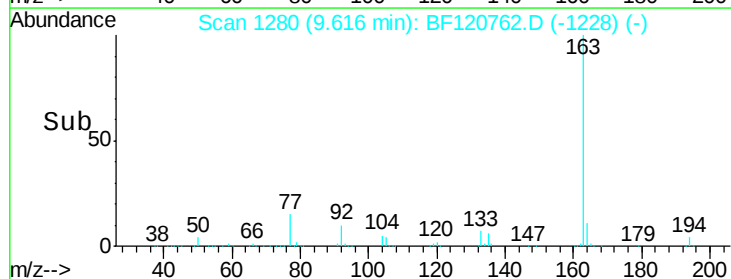
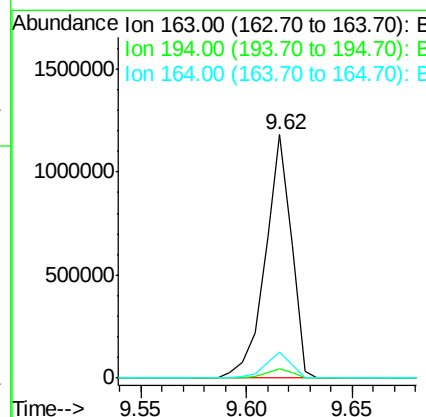
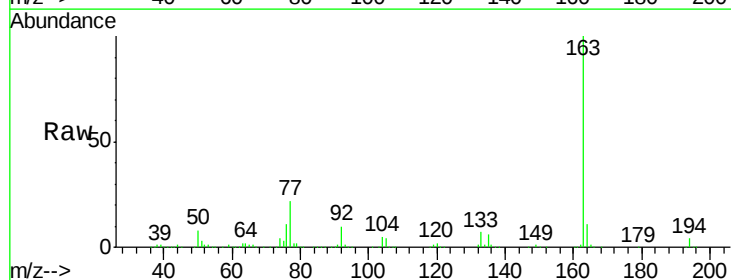
RT: 9.62 min Scan# 1280

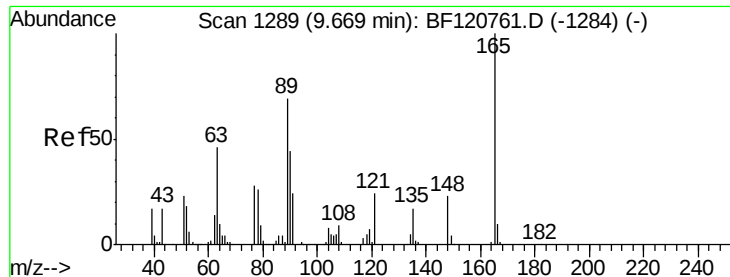
Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Tgt Ion:	163	Resp:	1019232
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.7	8.5	12.7





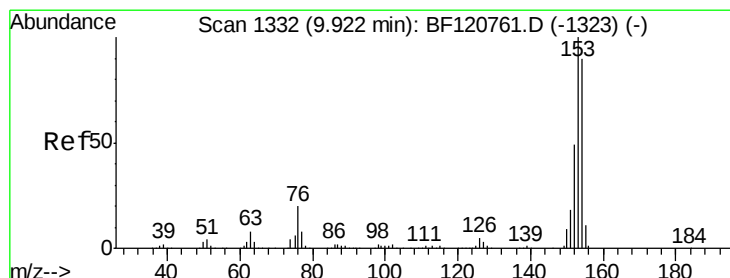
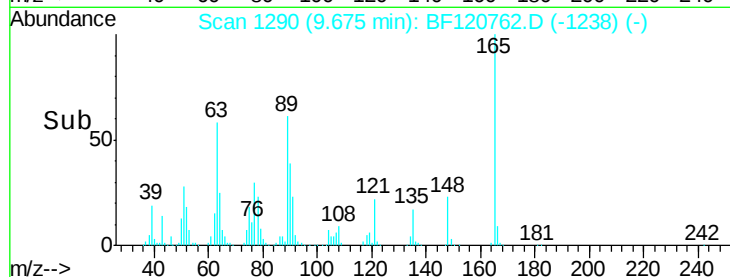
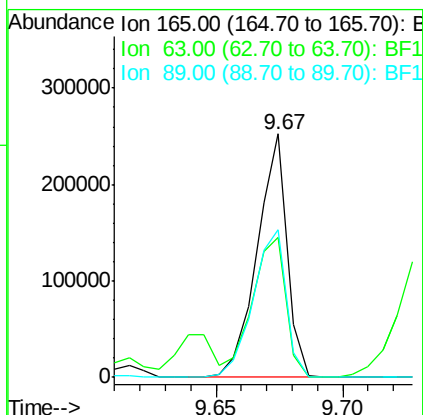
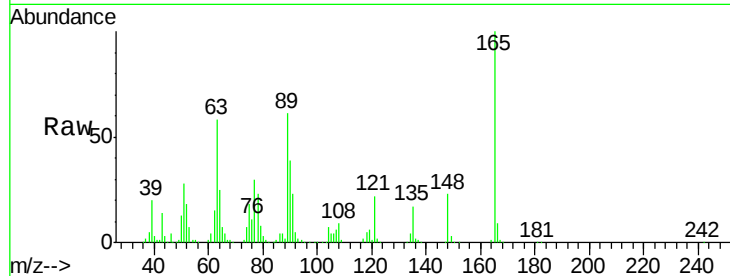
#51
2,6-Dinitrotoluene
Concen: 43.715 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	206801		
63	57.6		54.0	81.0
89	60.6		55.4	83.2

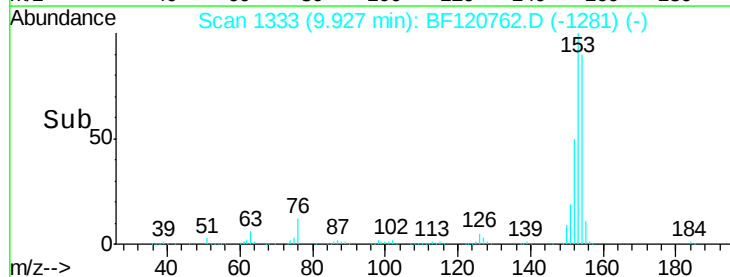
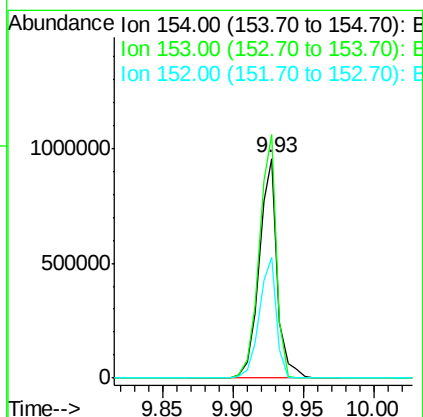
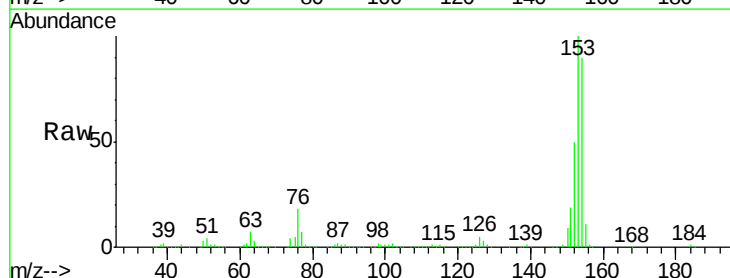
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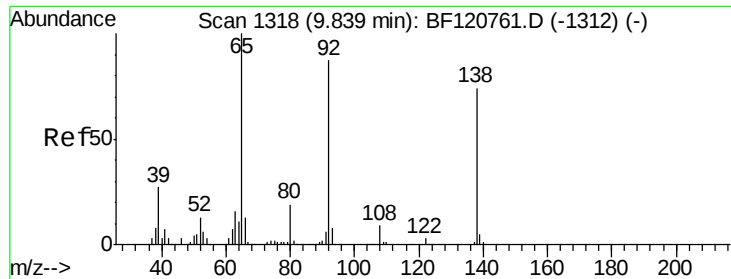
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#52
Acenaphthene
Concen: 53.349 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	863295		
153	110.7		88.6	132.8
152	54.9		43.6	65.4





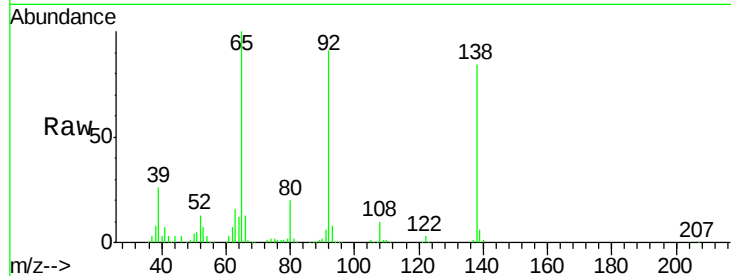
#53
3-Nitroaniline
Concen: 45.969 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

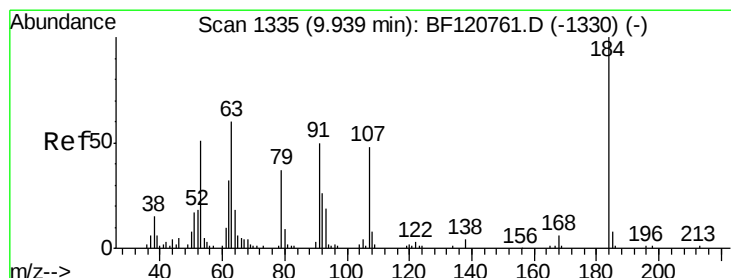
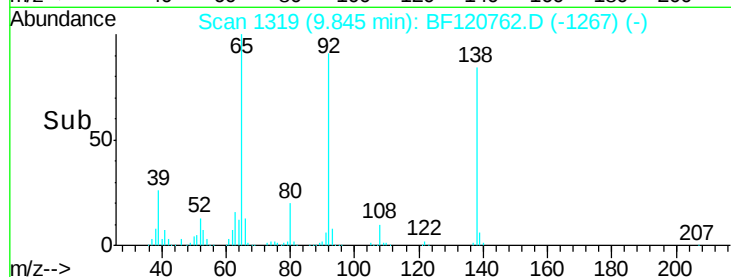
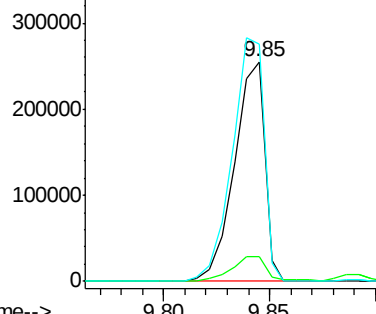
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.8	14.6
92	108.3	93.4	140.2

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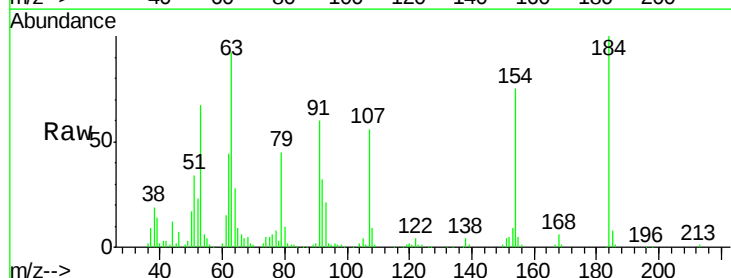


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

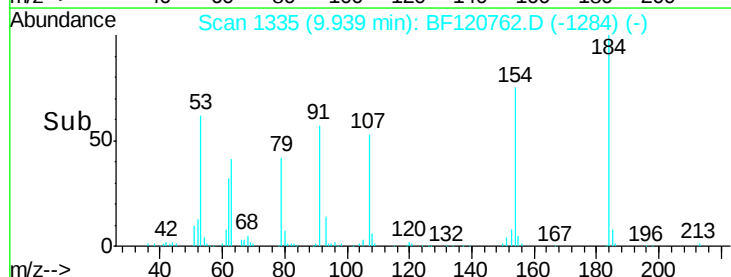
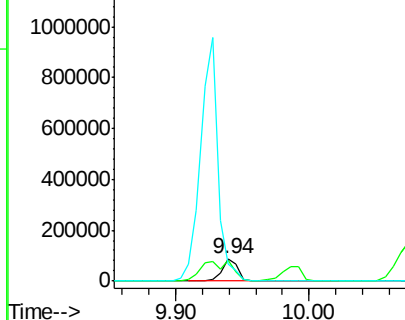


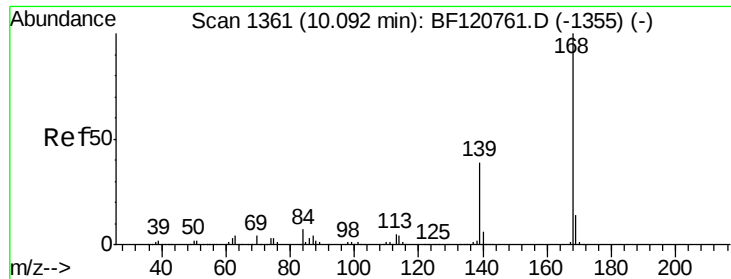
#54
2,4-Dinitrophenol
Concen: 39.443 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	91.9	57.3	85.9#
154	75.1	55.8	83.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 49.811 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:168 Resp: 1228690

Ion Ratio Lower Upper

168 100

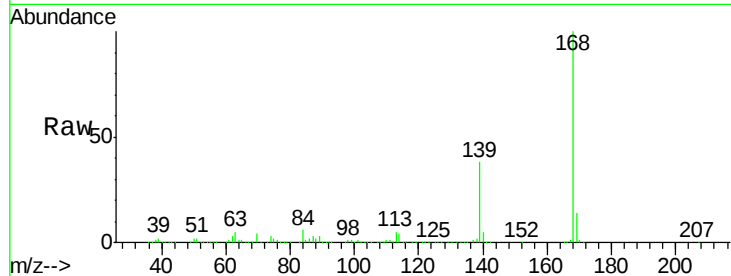
139 37.8 31.3 46.9

169 13.8 11.2 16.8

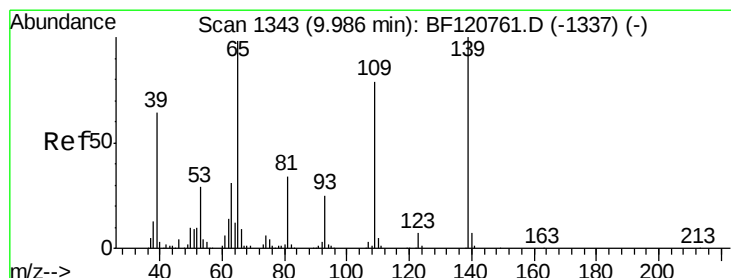
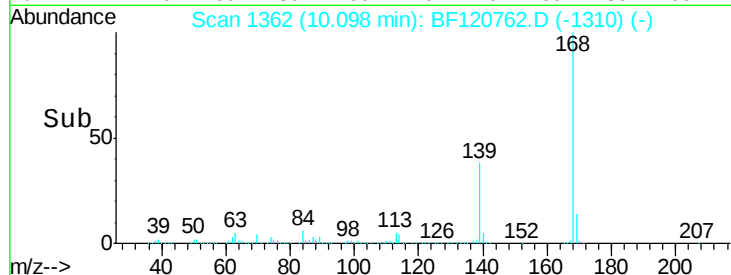
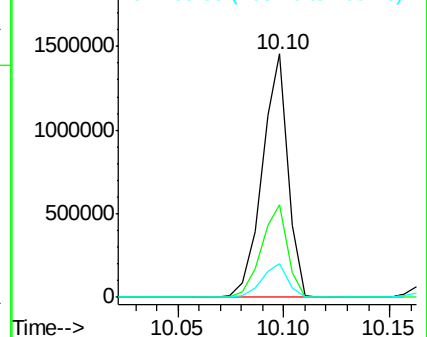
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Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 55.389 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

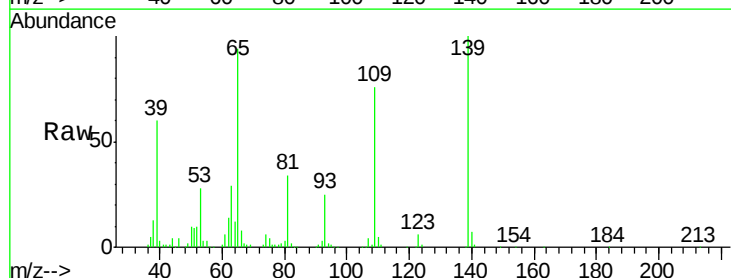
Tgt Ion:139 Resp: 190047

Ion Ratio Lower Upper

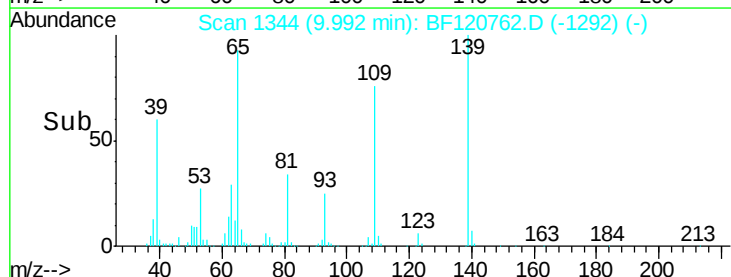
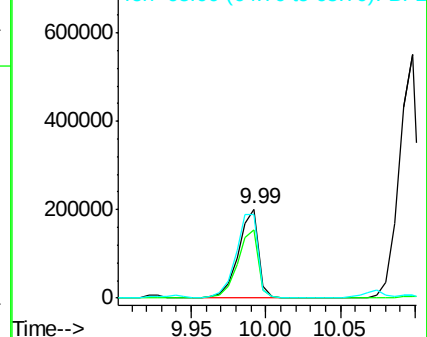
139 100

109 76.4 58.6 98.6

65 93.8 78.7 118.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 45.260 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

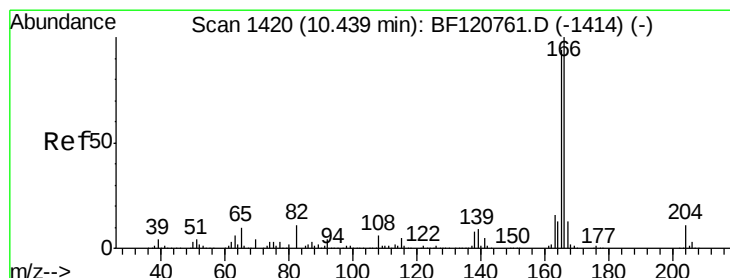
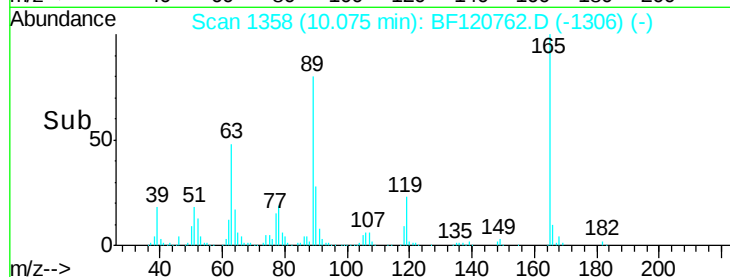
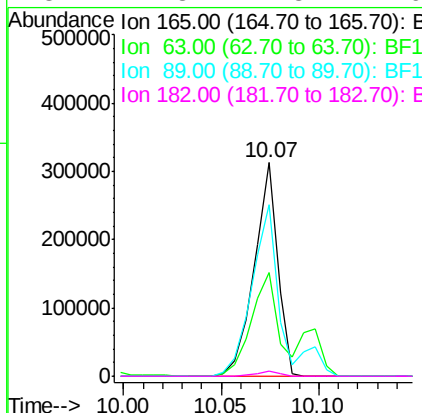
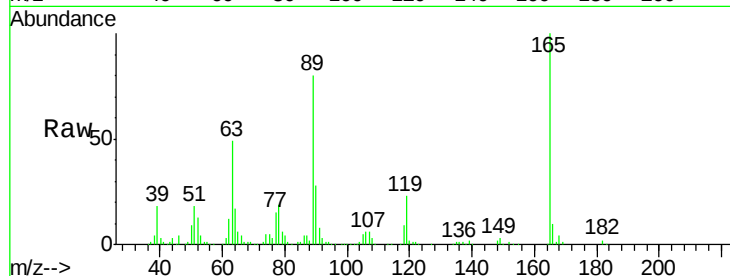
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	261803		
63	48.5		43.8	65.8
89	80.0		71.4	107.2
182	2.3		1.8	2.6

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#58

Fluorene

Concen: 46.096 ng

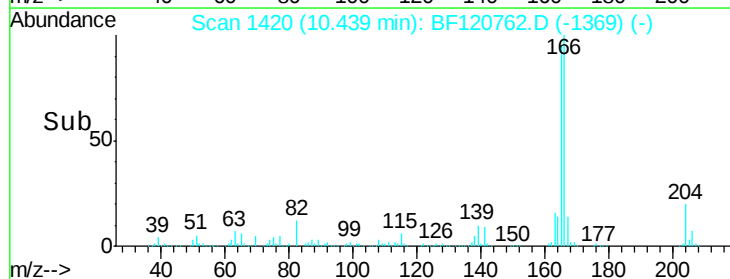
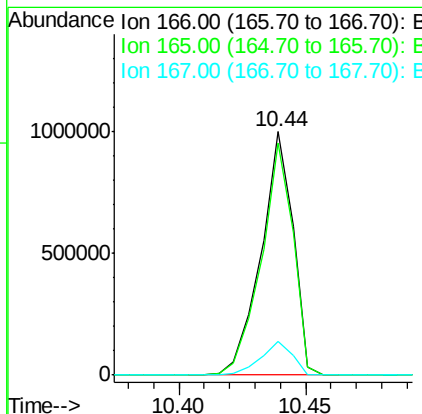
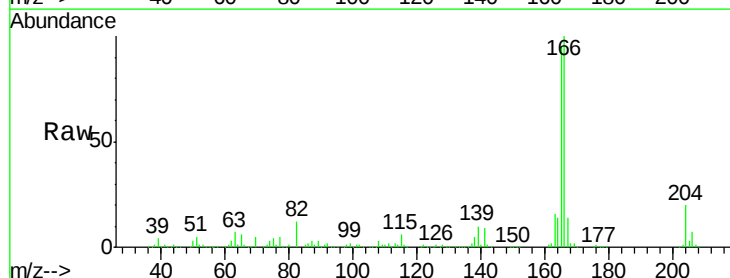
RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	885111		
165	95.4		75.5	113.3
167	13.9		10.6	16.0





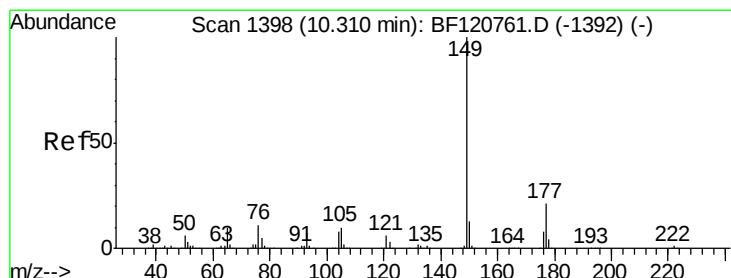
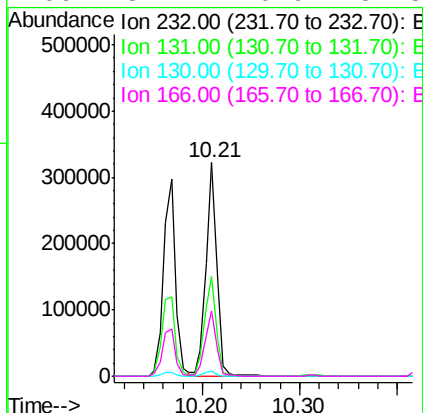
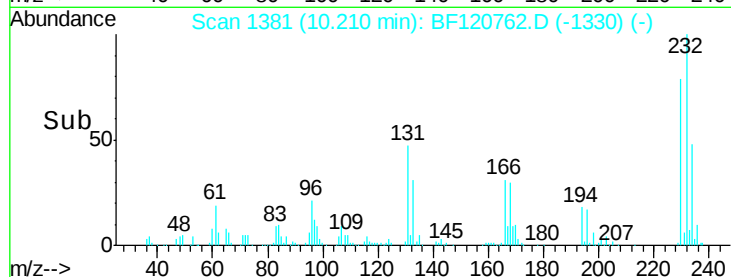
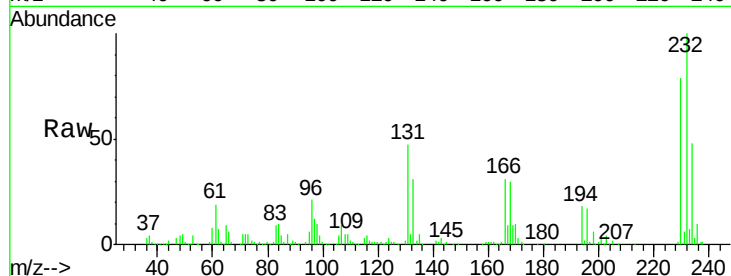
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.405 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.4	36.3	54.5
130	2.5	2.0	3.0
166	31.2	20.9	31.3

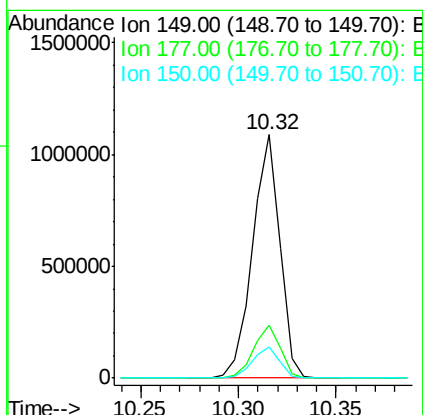
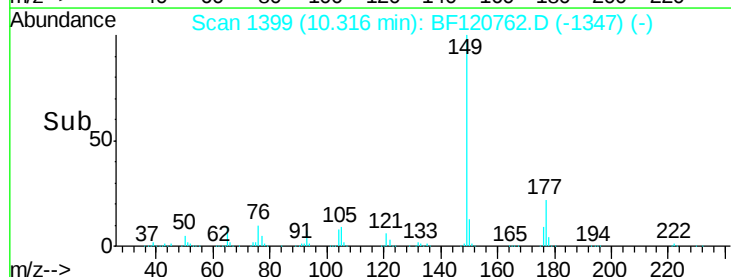
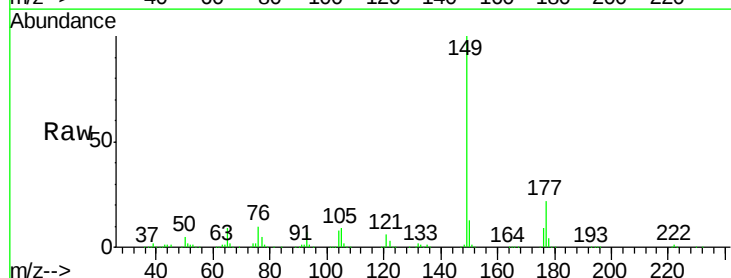
Manual Integrations
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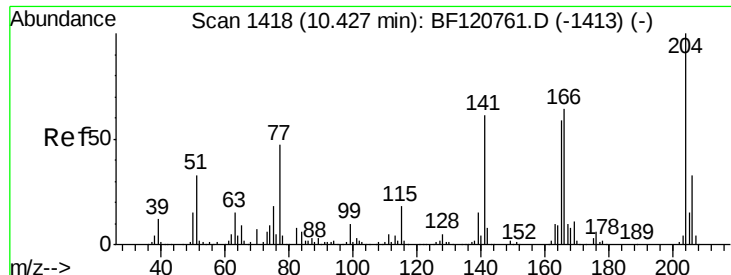
mohammad
 7/7/2020 8:25:27 AM



#60
 Diethylphthalate
 Concen: 50.251 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.4	24.6
150	13.0	10.2	15.4





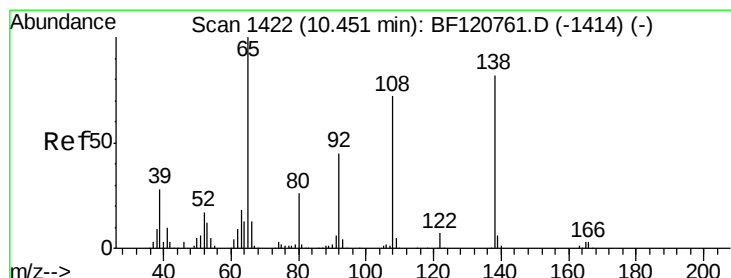
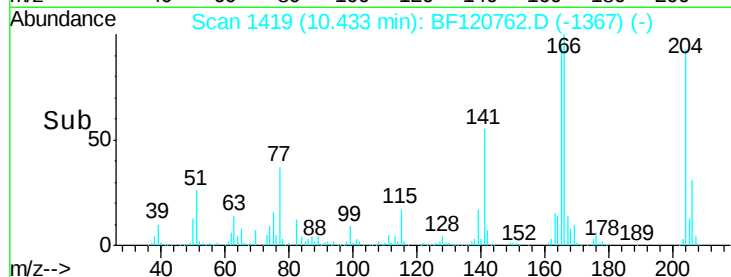
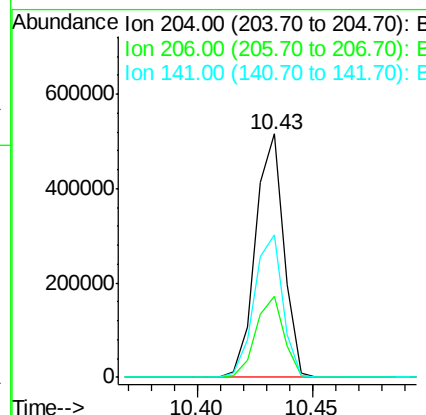
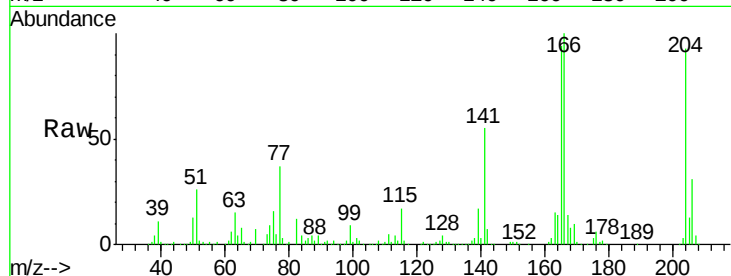
#61
4-Chlorophenyl-phenylether
Concen: 45.425 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.7	40.1
141	58.8	48.5	72.7

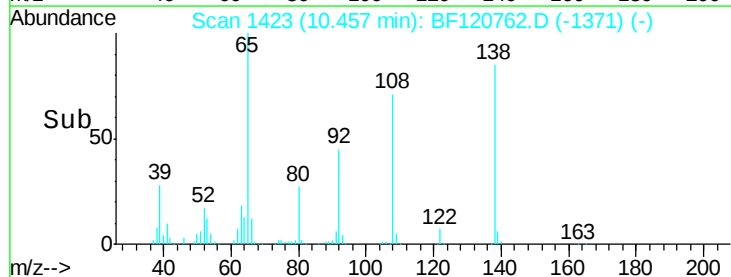
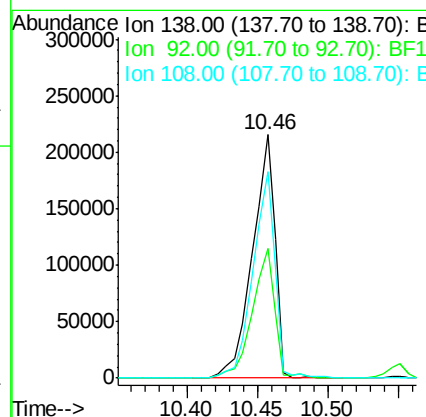
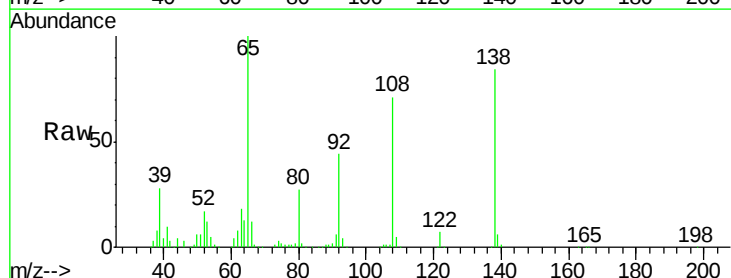
Manual Integrations
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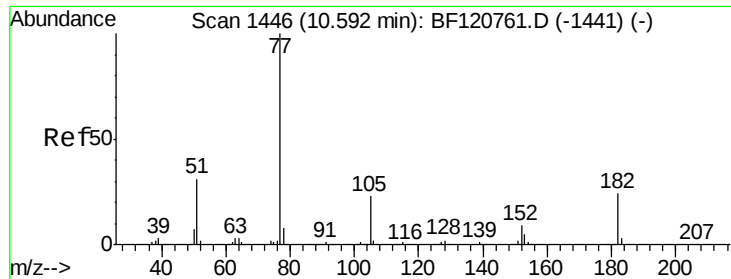
mohammad
7/7/2020 8:25:27 AM



#62
4-Nitroaniline
Concen: 43.485 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	34.3	74.3
108	84.8	68.3	108.3





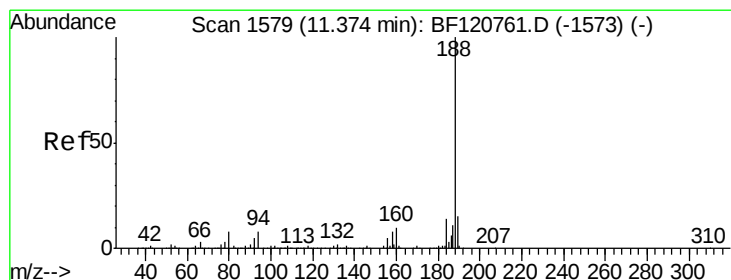
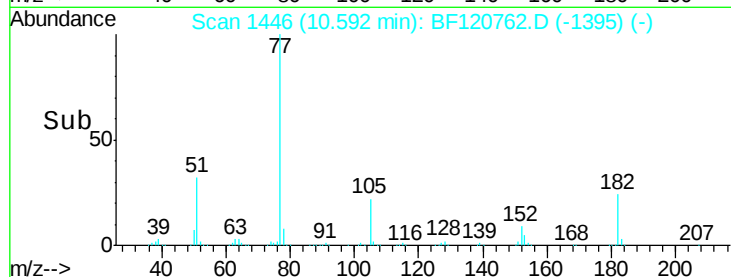
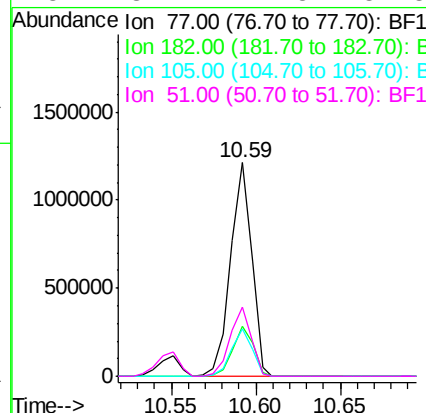
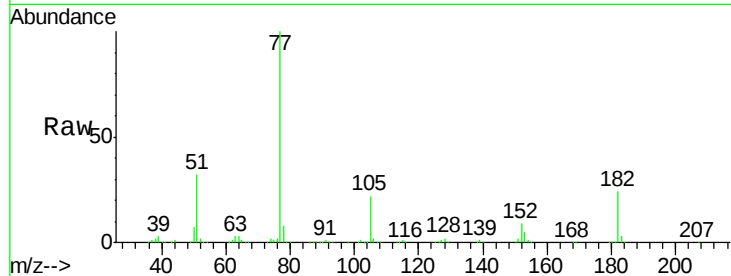
#63
Azobenzene
Concen: 54.601 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.6	4.0	44.0	
105	22.4	2.6	42.6	
51	32.2	11.5	51.5	

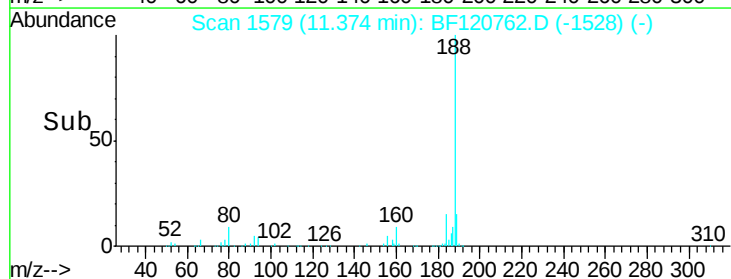
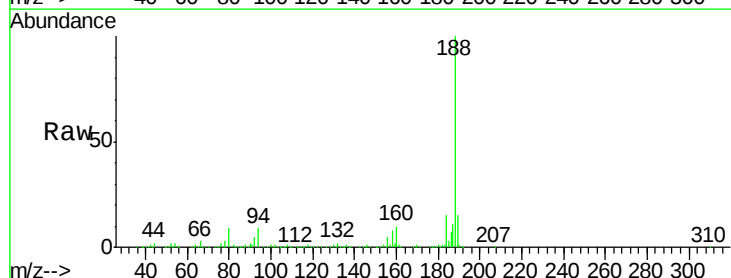
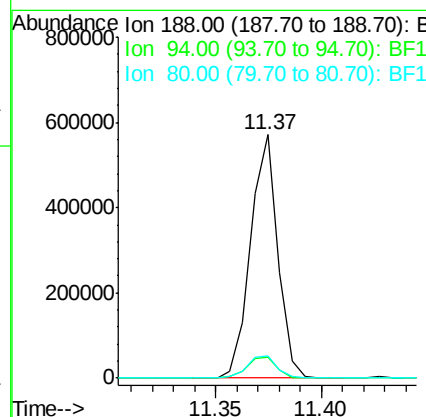
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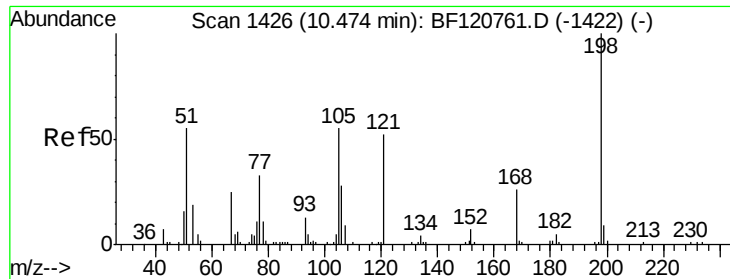
mohammad
7/7/2020 8:25:27 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	6.6	9.8	
80	9.2	6.6	10.0	





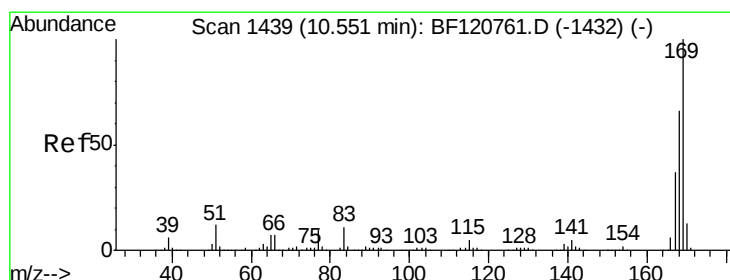
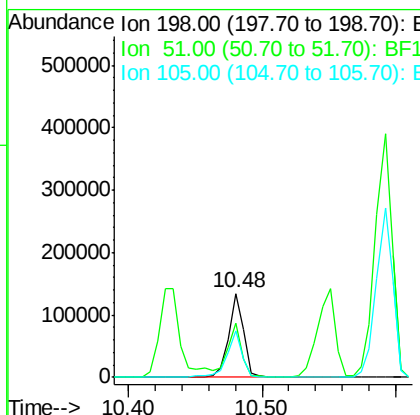
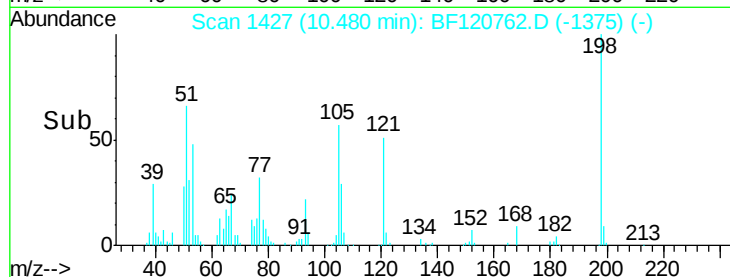
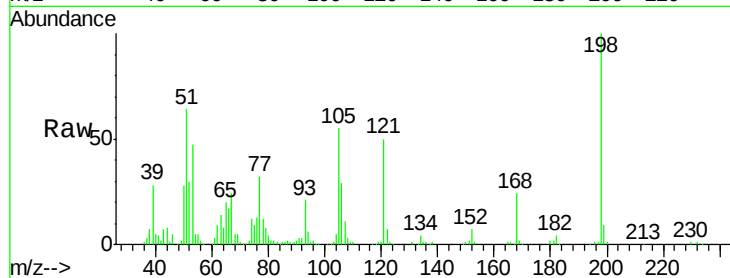
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.003 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
198	100		
51	64.2	50.0	90.0
105	55.1	38.3	78.3

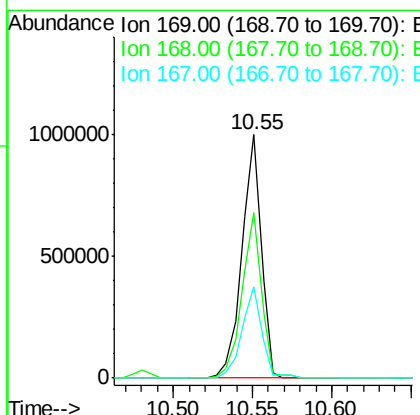
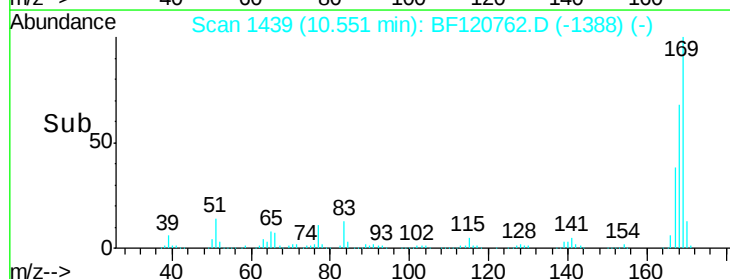
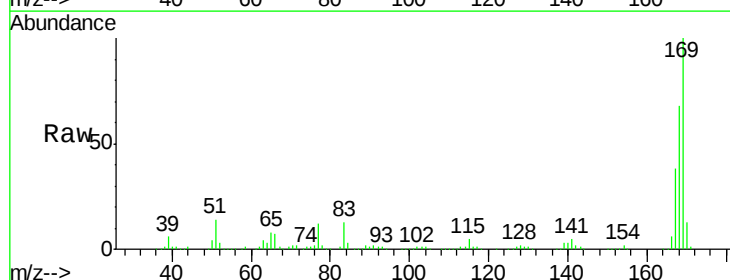
Manual Integrations
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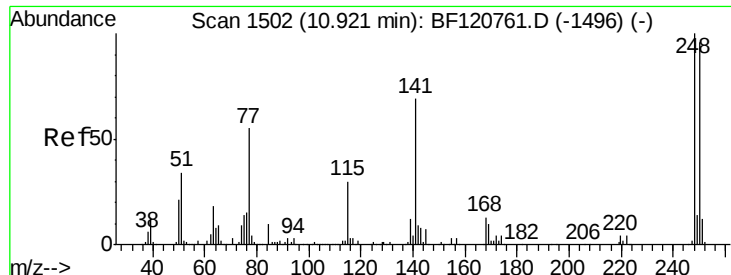
mohammad
 7/7/2020 8:25:27 AM



#66
 n-Nitrosodiphenylamine
 Concen: 50.227 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.1	79.7
167	37.5	29.6	44.4





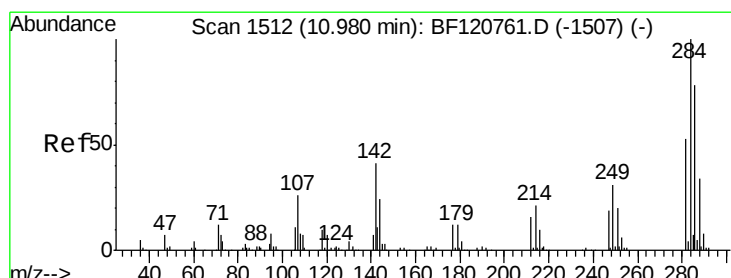
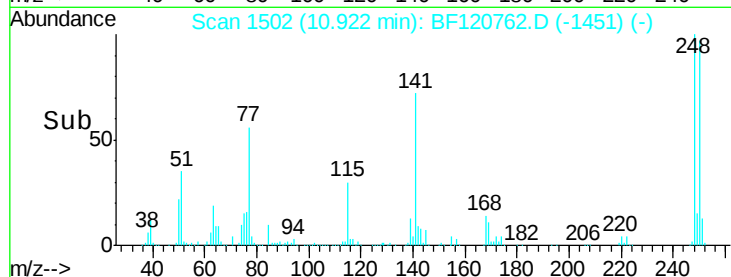
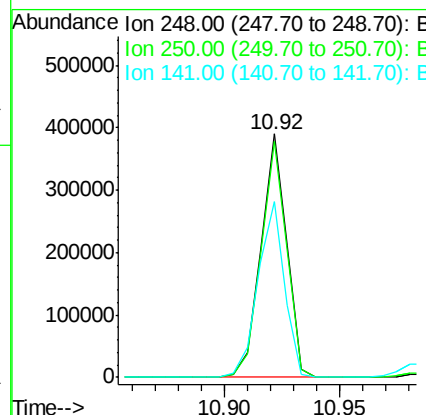
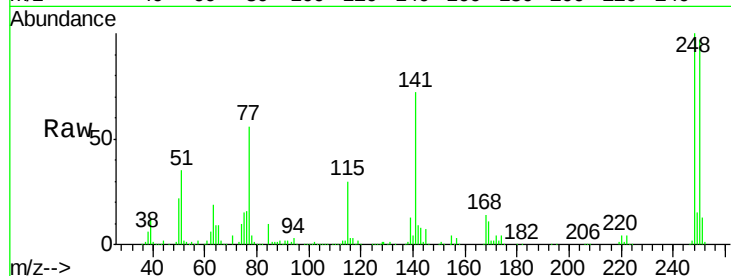
#67
 4-Bromophenyl-phenylether
 Concen: 48.827 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.5	114.7
141	72.3	54.9	82.3

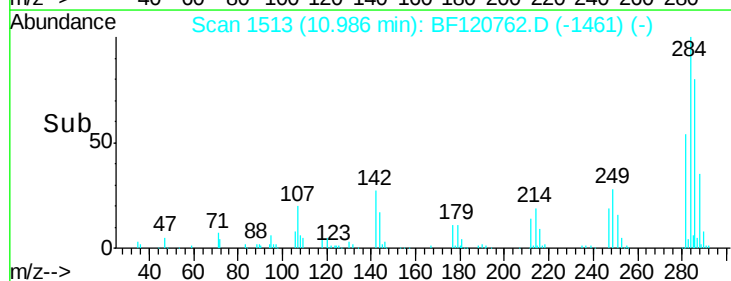
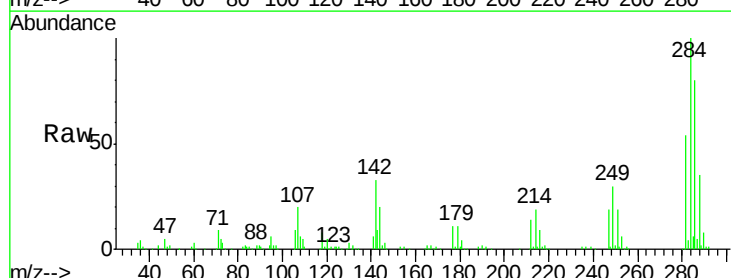
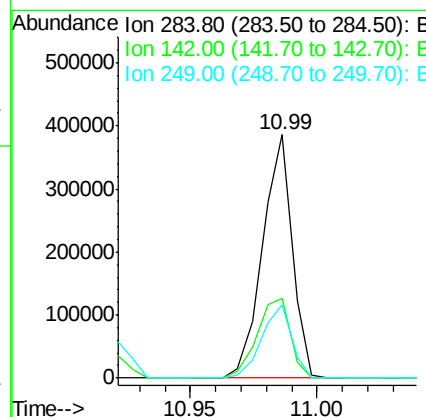
Manual Integrations
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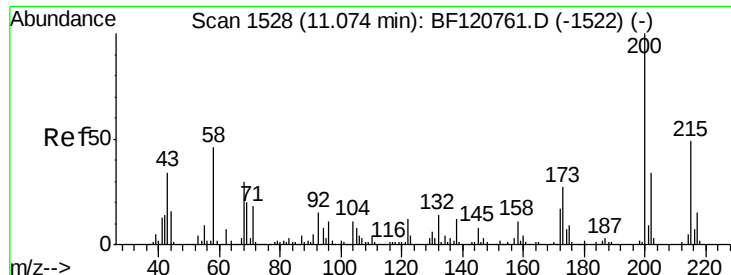
mohammad
 7/7/2020 8:25:27 AM



#68
 Hexachlorobenzene
 Concen: 48.233 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	32.5	48.7
249	30.1	24.8	37.2





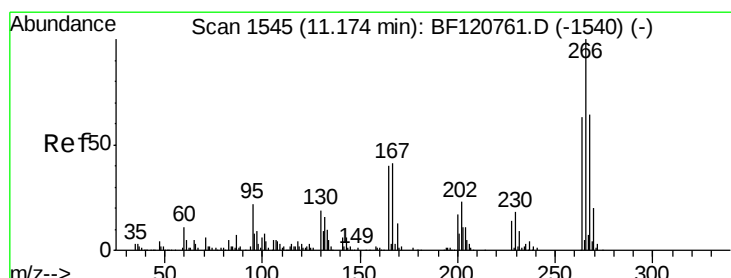
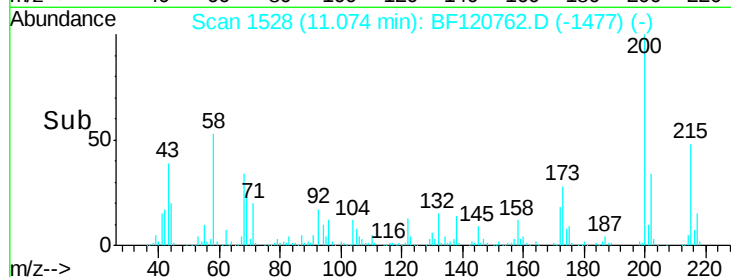
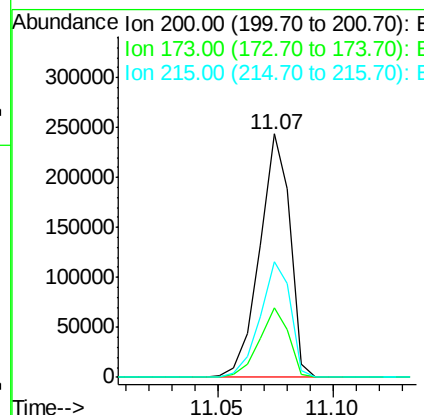
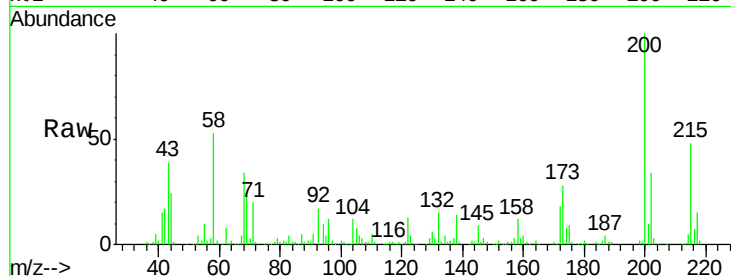
#69
Atrazine
Concen: 49.497 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.4	47.4
215	47.7	28.8	68.8

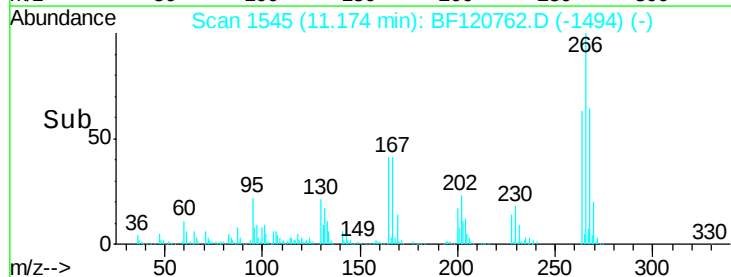
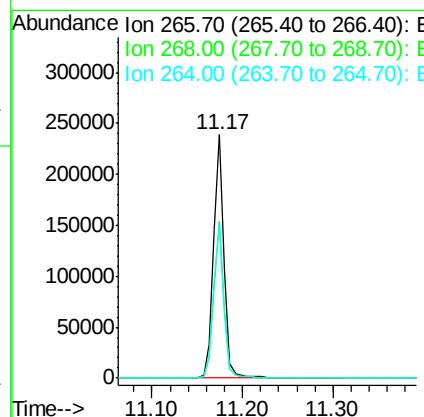
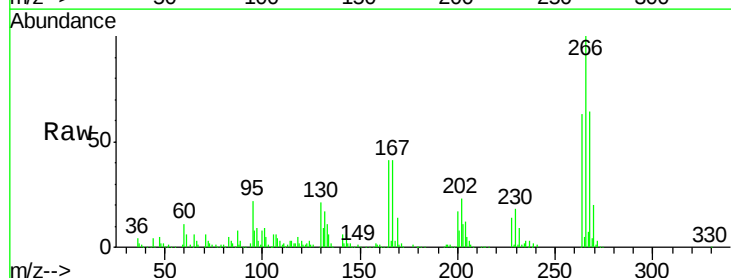
Manual Integrations
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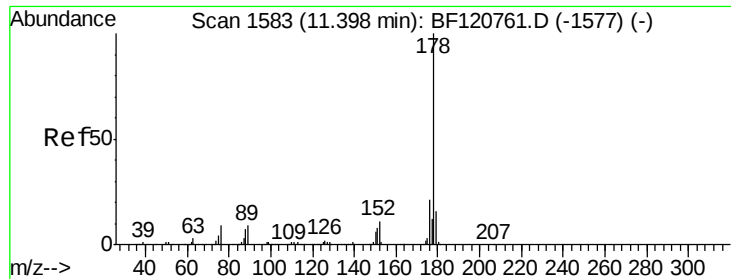
mohammad
7/7/2020 8:25:27 AM



#70
Pentachlorophenol
Concen: 89.864 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.4	77.2
264	63.3	50.6	75.8





#71

Phenanthrene

Concen: 51.817 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:178 Resp: 1375483

Ion Ratio Lower Upper

178 100

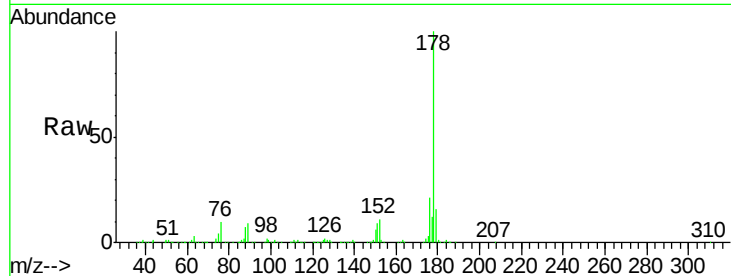
176 20.7 16.4 24.6

179 16.2 12.9 19.3

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mohammad

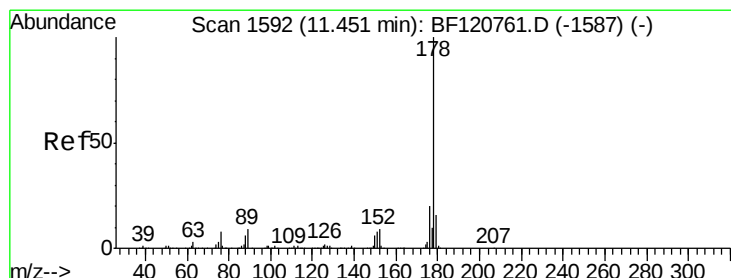
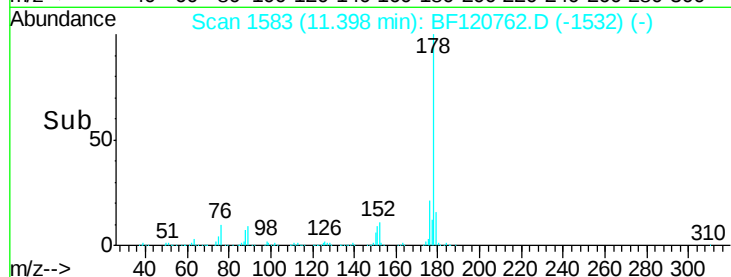
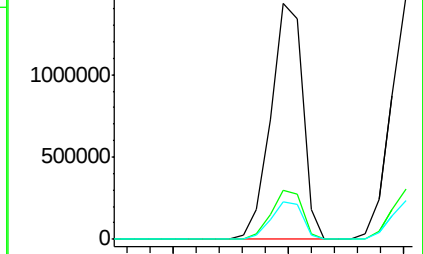
7/7/2020 8:25:27 AM



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.111 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Tgt Ion:178 Resp: 1387282

Ion Ratio Lower Upper

178 100

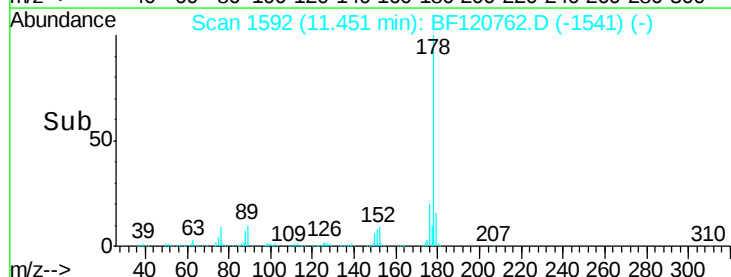
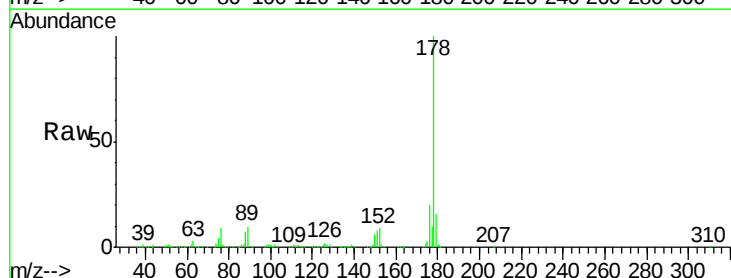
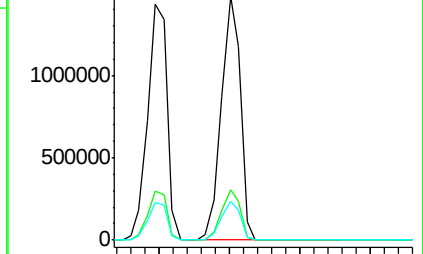
176 20.5 16.2 24.2

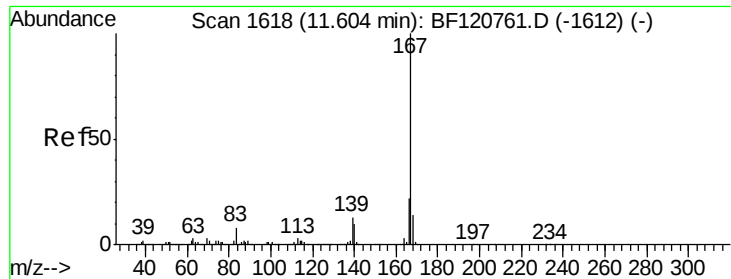
179 16.2 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





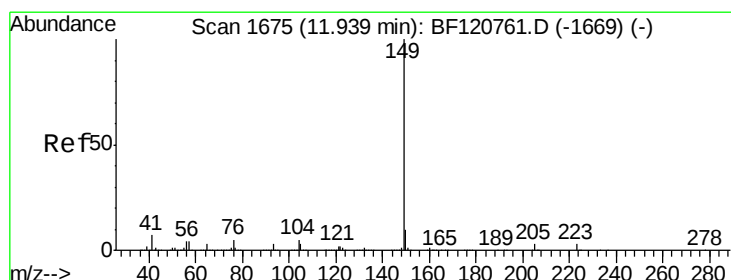
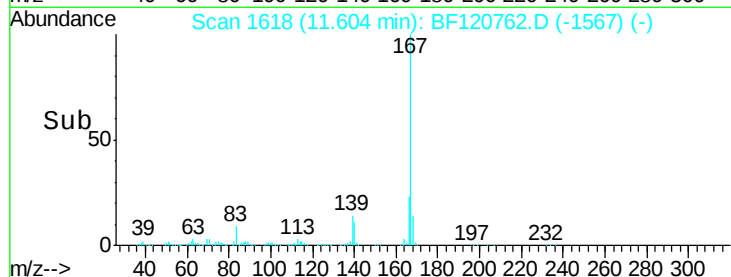
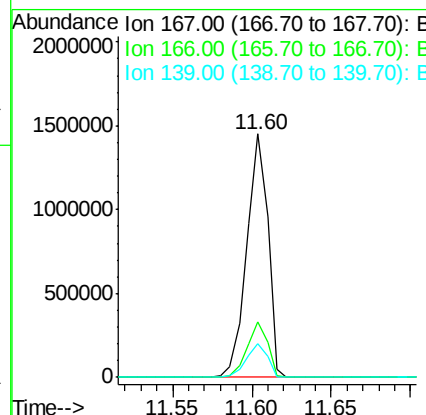
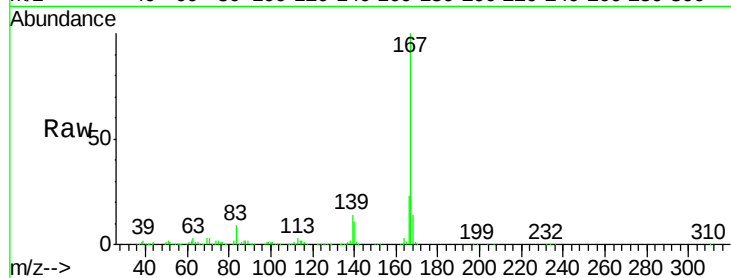
#73
 Carbazole
 Concen: 52.719 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.7	17.8	26.8	
139	13.7	10.7	16.1	

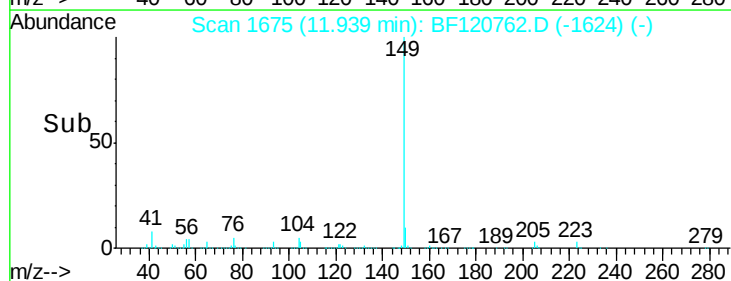
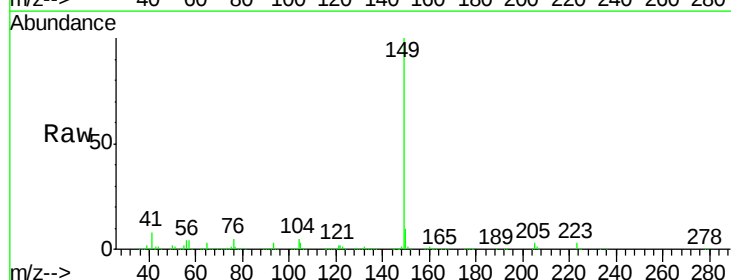
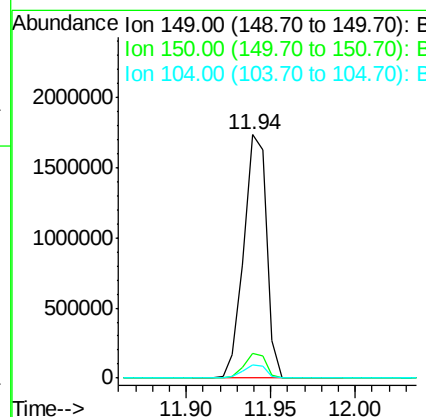
Manual Integrations
 APPROVED

mohammad
 7/7/2020 8:25:27 AM



#74
 Di-n-butylphthalate
 Concen: 53.429 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.0	7.7	11.5	
104	5.4	4.0	6.0	





#75

Fluoranthene

Concen: 49.770 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:202 Resp: 1484229

Ion Ratio Lower Upper

202 100

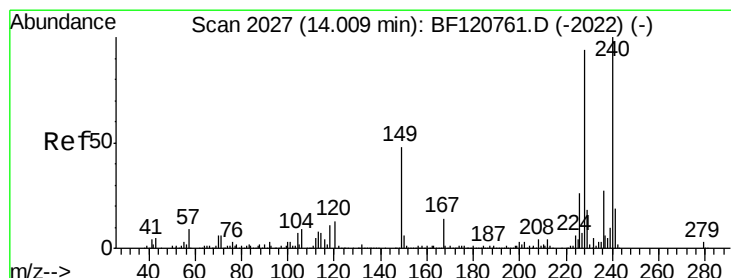
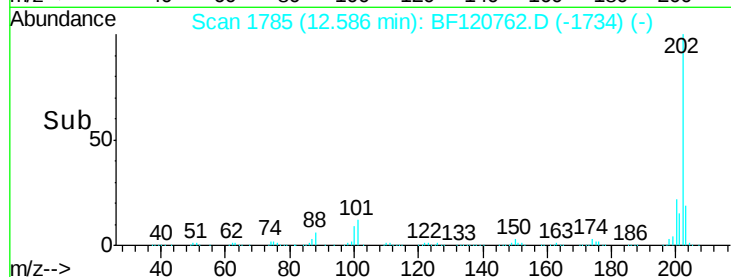
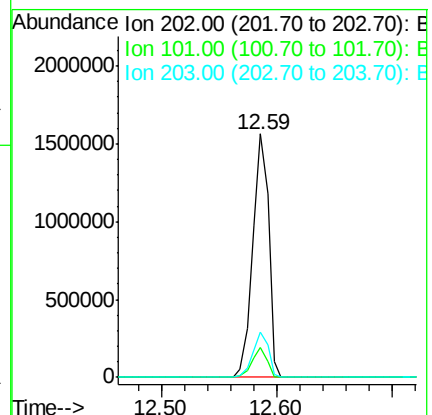
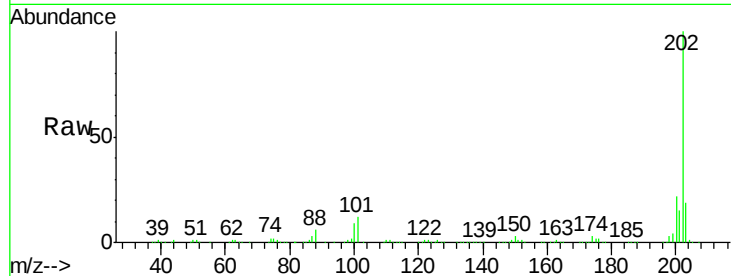
101 12.4 0.0 31.6

203 18.6 0.0 38.2

Manual Integrations
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mohammad

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

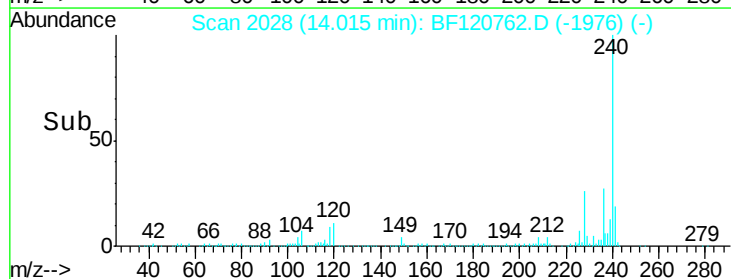
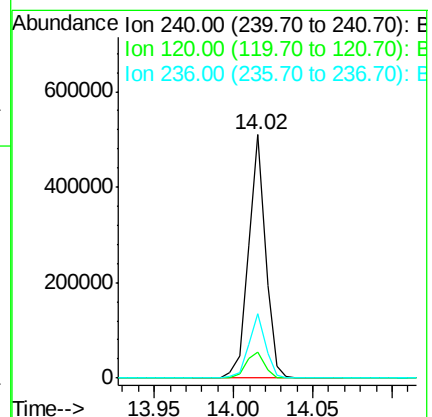
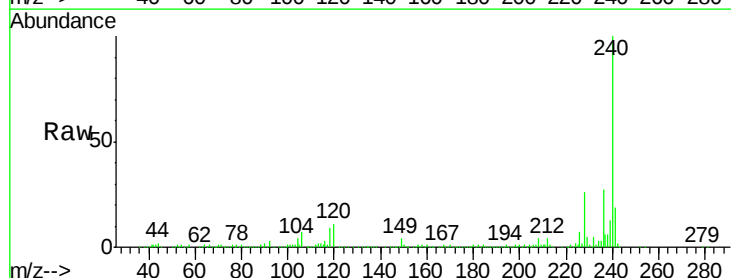
Tgt Ion:240 Resp: 378288

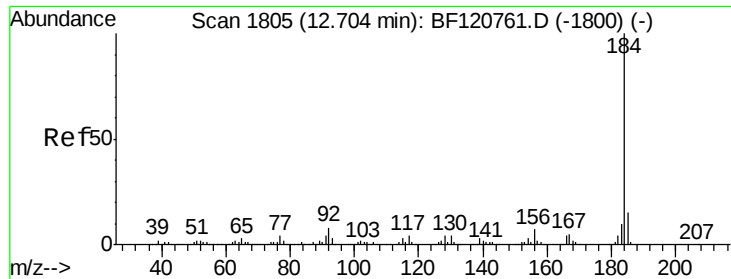
Ion Ratio Lower Upper

240 100

120 10.6 10.3 15.5

236 26.7 21.4 32.2





#77

Benzidine

Concen: 47.951 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

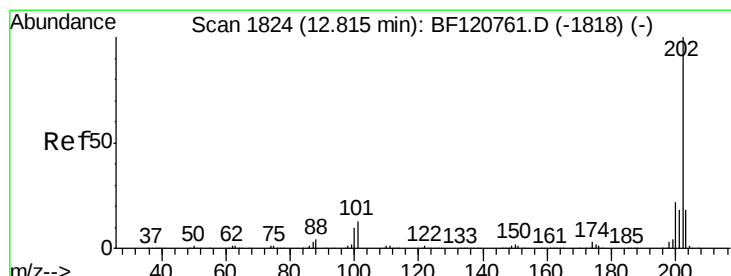
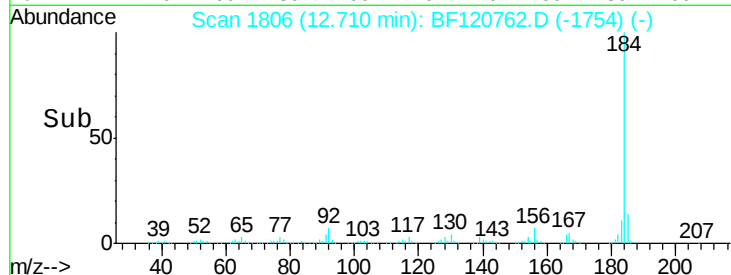
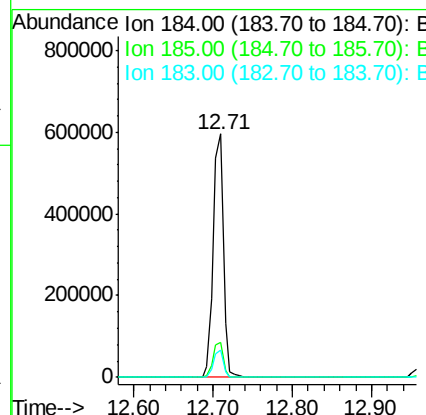
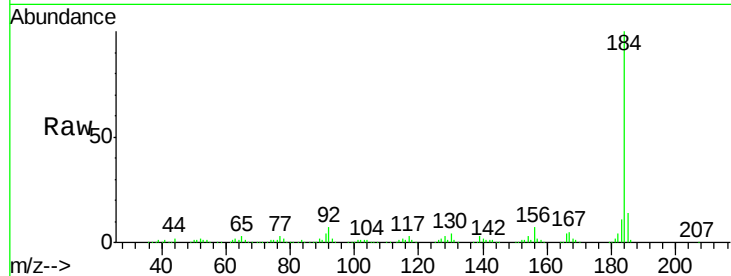
ClientSampleId :

SSTDIC050

Tot Ion:	184	Resp:	538474
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.8	17.8
183	11.0	8.3	12.5

Manual Integrations
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#78

Pyrene

Concen: 49.642 ng

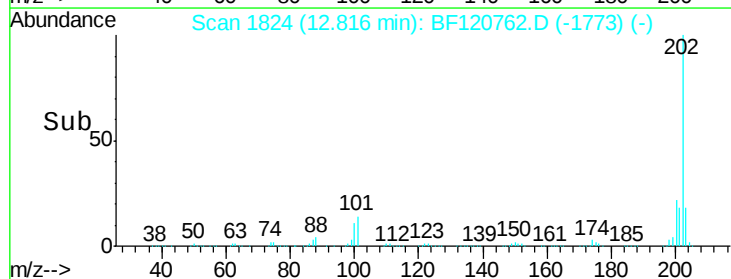
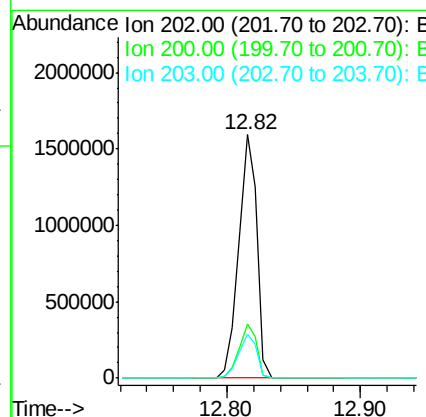
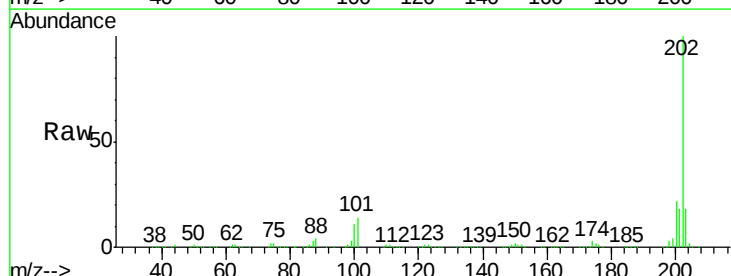
RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Tgt Ion:	202	Resp:	1526853
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.3	25.9
203	18.3	14.6	22.0





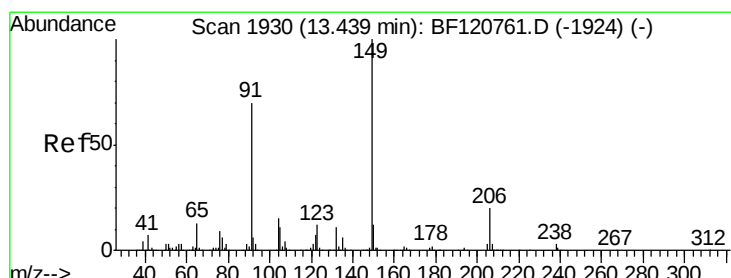
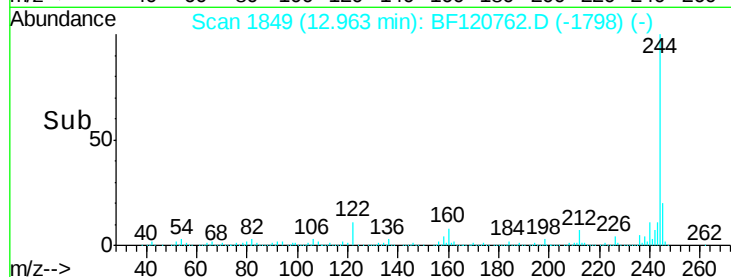
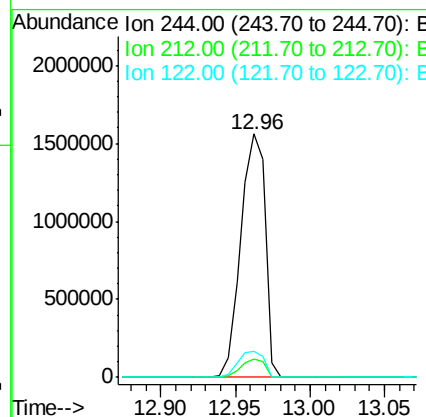
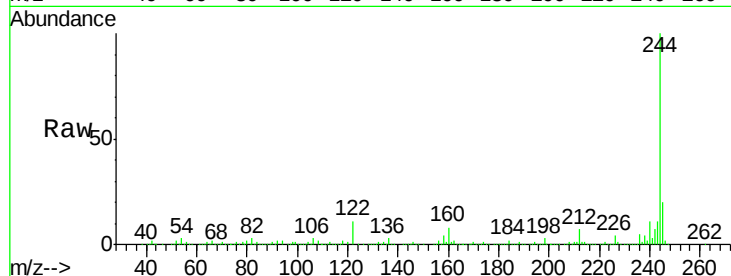
#79
 Terphenyl-d14
 Concen: 88.945 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	10.7	9.0	13.4

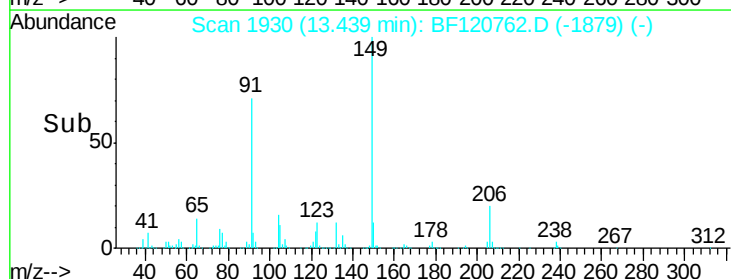
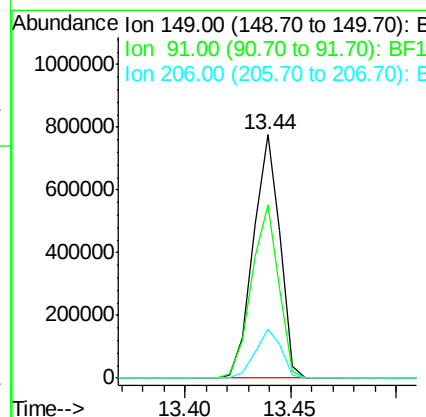
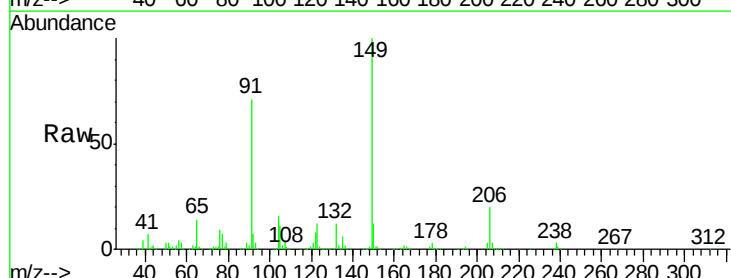
Manual Integrations
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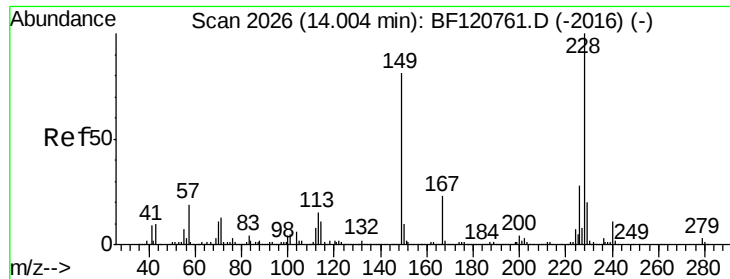
mohammad
 7/7/2020 8:25:27 AM



#80
 Butylbenzylphthalate
 Concen: 52.288 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.2	55.8	83.8
206	20.3	15.7	23.5





#81

Benzo(a)anthracene

Concen: 47.199 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:228 Resp: 1148838

Ion Ratio Lower Upper

228 100

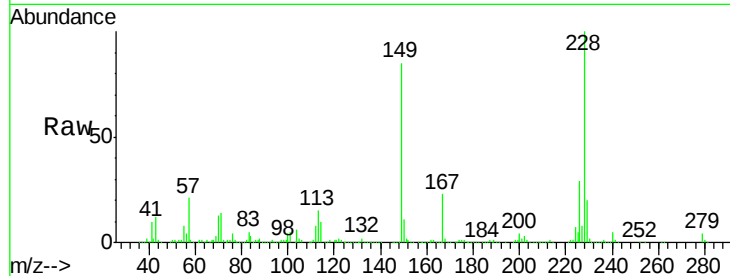
226 28.7 22.6 33.8

229 20.1 15.8 23.6

Manual Integrations
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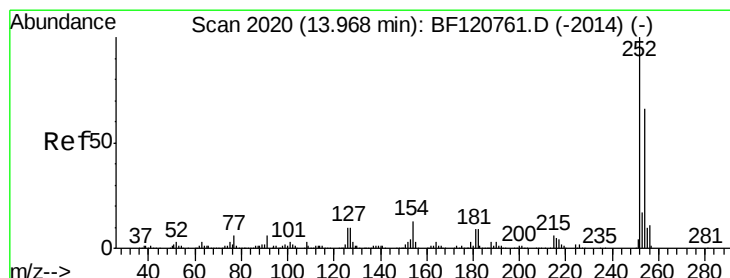
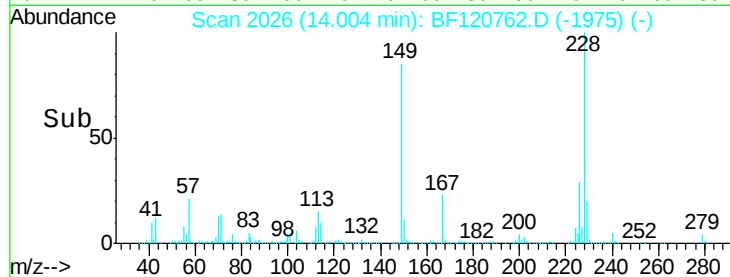
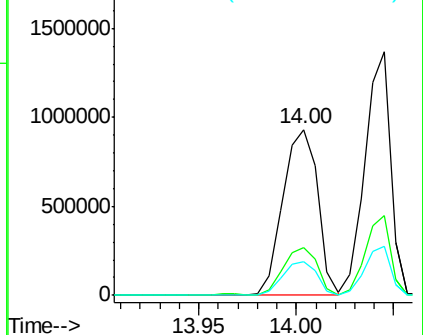
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 47.071 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Tgt Ion:252 Resp: 427646

Ion Ratio Lower Upper

252 100

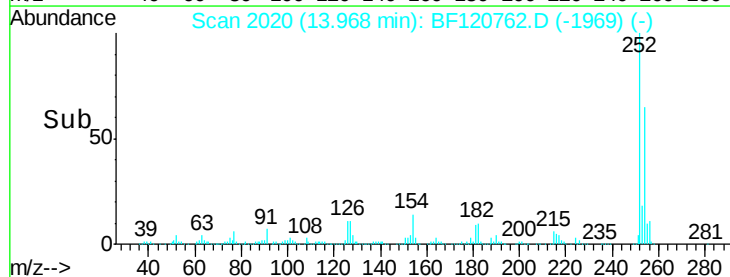
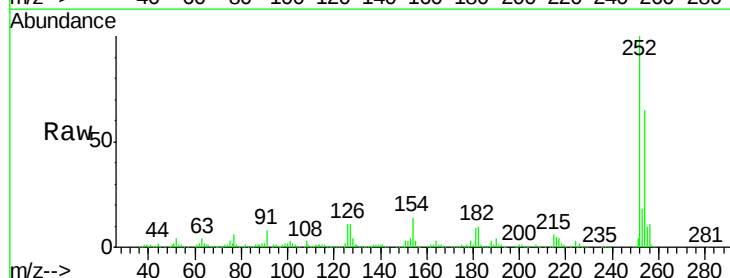
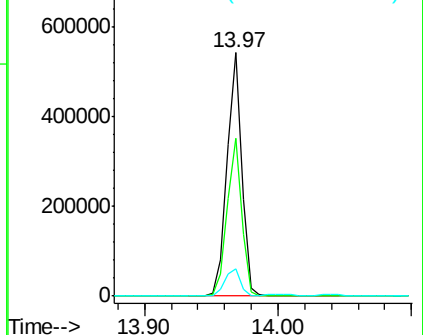
254 64.8 52.6 78.8

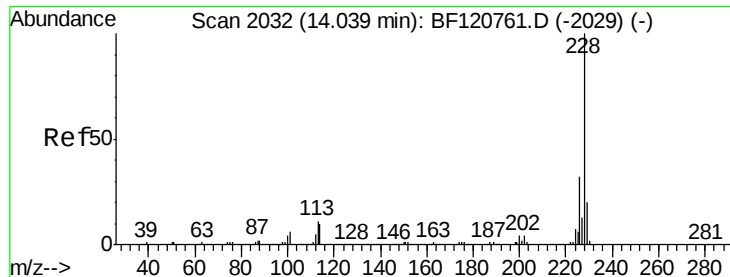
126 11.3 7.8 11.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





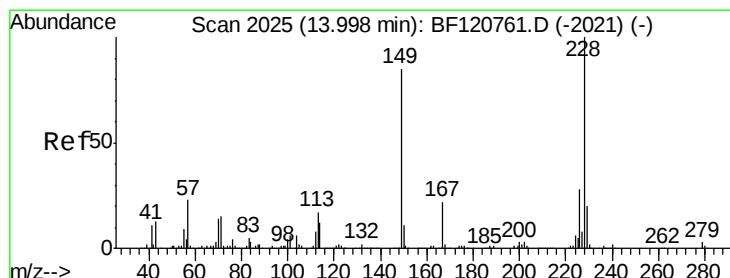
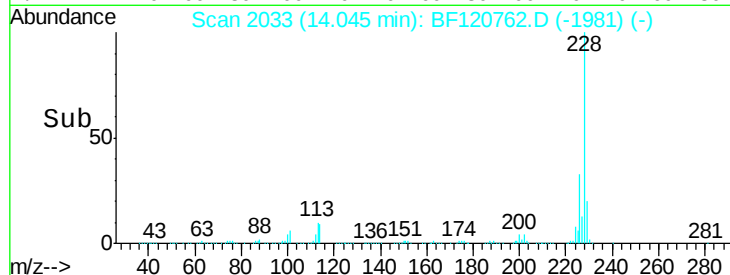
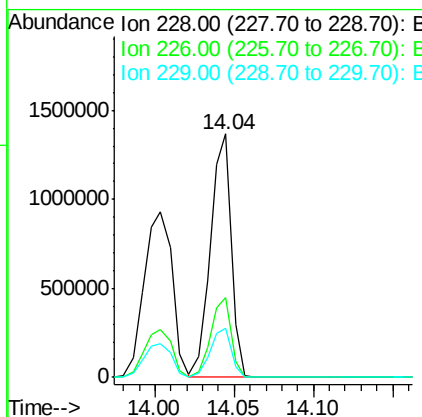
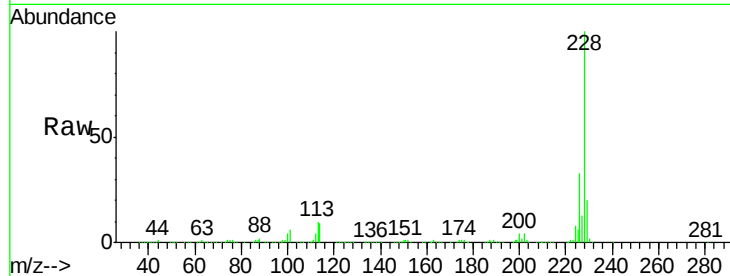
#83
 Chrvsene
 Concen: 48.800 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.7	38.5
229	20.3	16.3	24.5

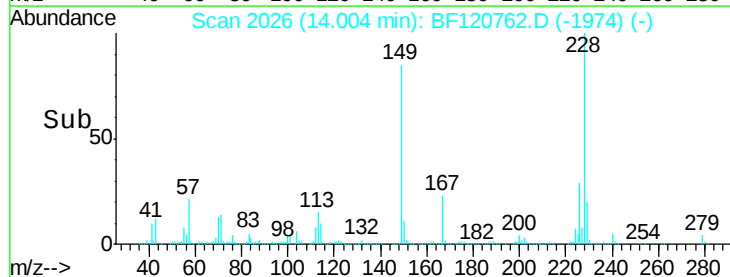
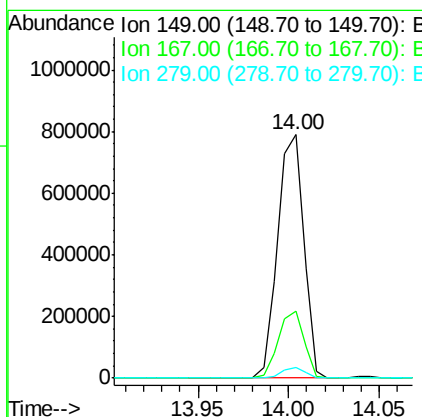
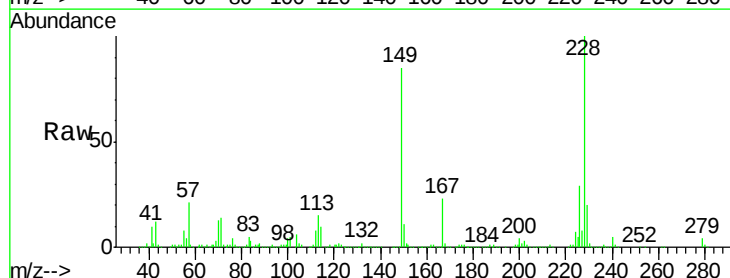
Manual Integrations
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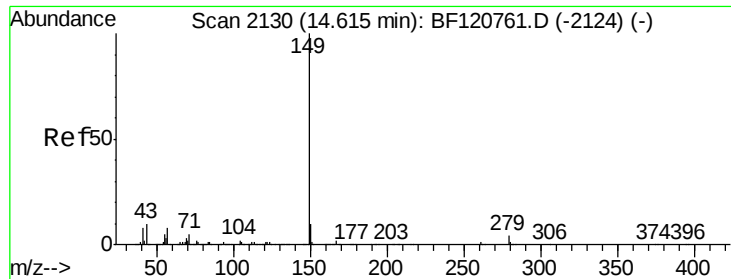
mohammad
 7/7/2020 8:25:27 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.189 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	20.9	31.3
279	4.4	2.6	4.0#





#85

Di-n-octyl phthalate

Concen: 50.927 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:149 Resp: 1560450

Ion Ratio Lower Upper

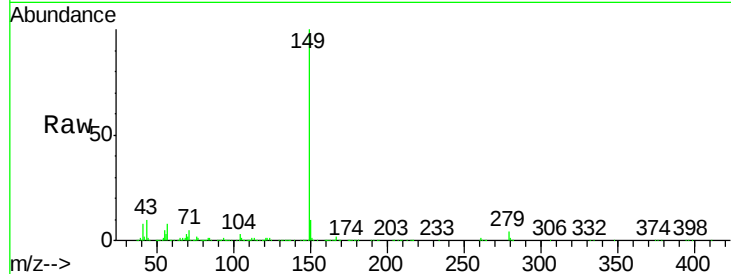
149 100

167 1.5 1.2 1.8

43 10.7 8.7 13.1

Manual Integrations
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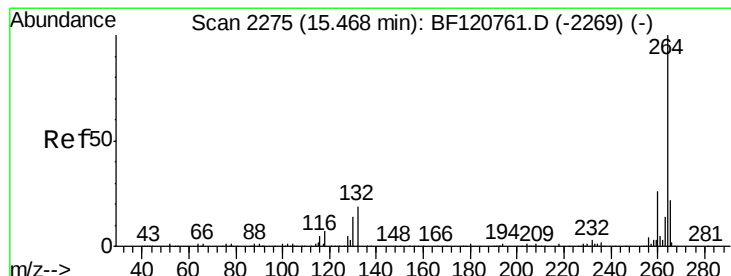
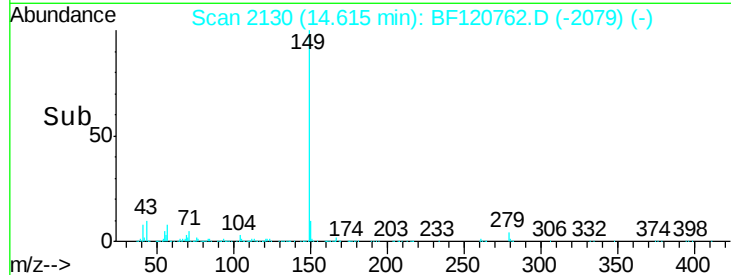
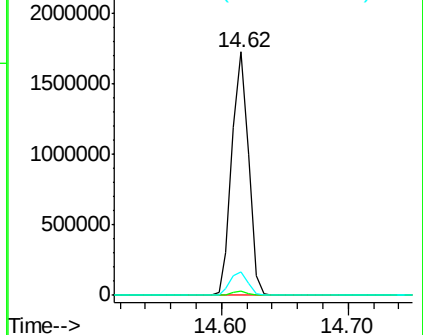
mohammad
7/7/2020 8:25:27 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

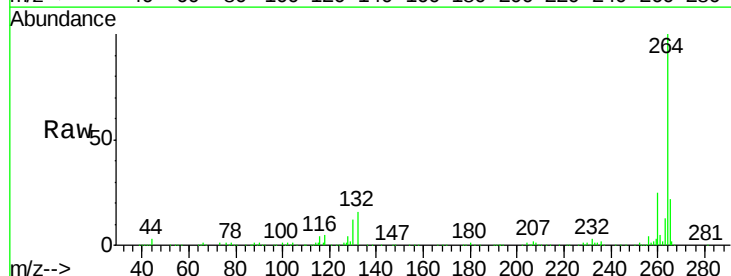
Tgt Ion:264 Resp: 341622

Ion Ratio Lower Upper

264 100

260 24.8 20.6 30.8

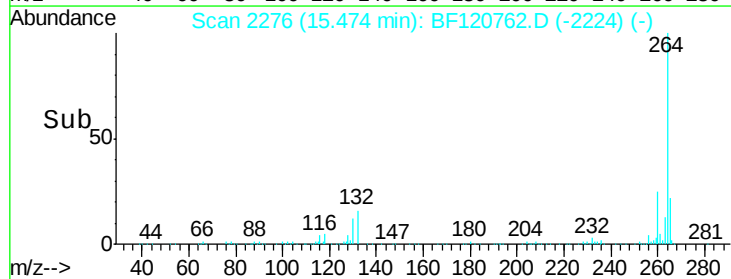
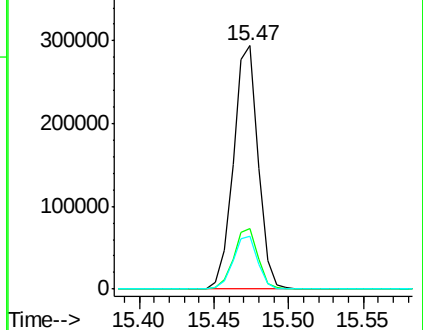
265 21.8 17.6 26.4

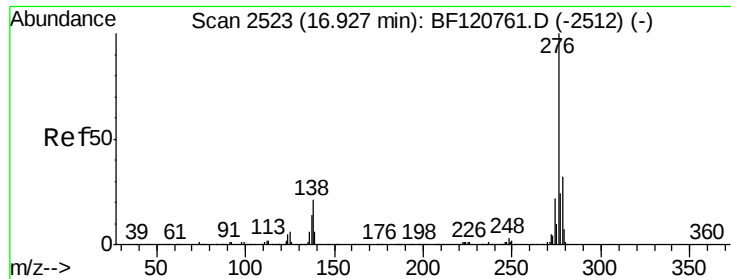


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





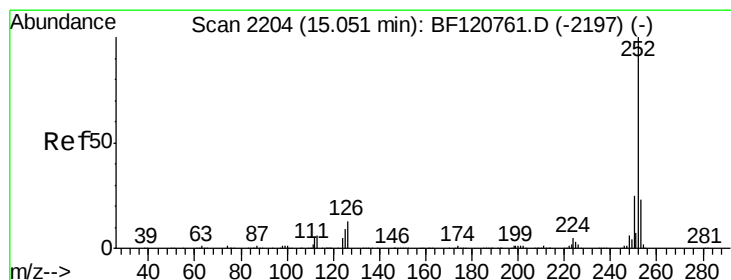
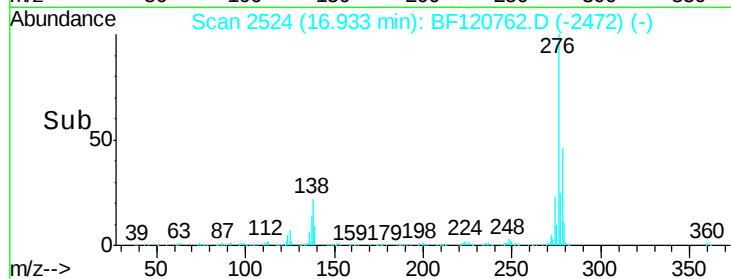
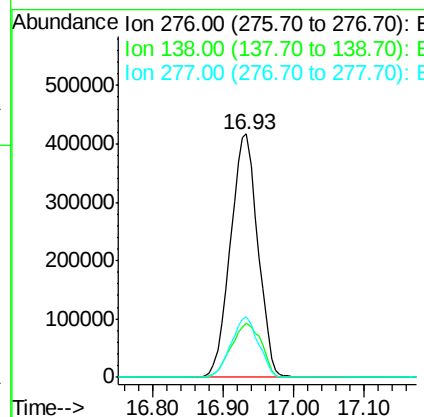
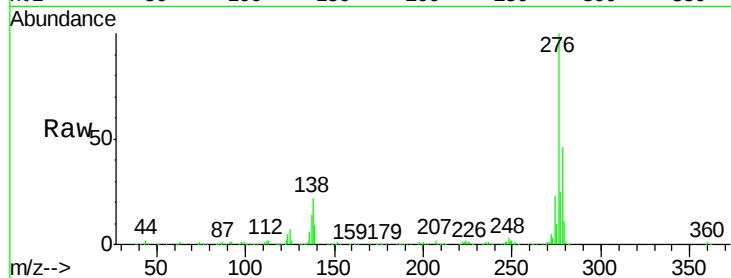
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.818 ng
 RT: 16.93 min Scan# 2524
 Delta R.T. 0.01 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.8
277	25.0	19.9	29.9

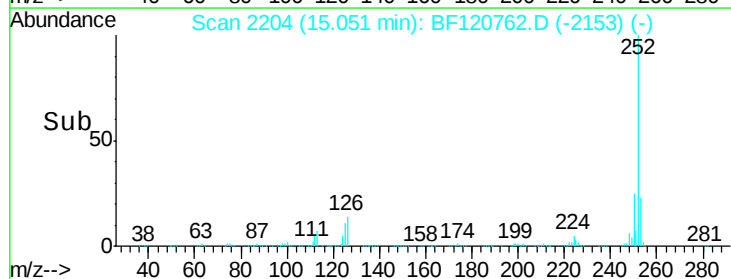
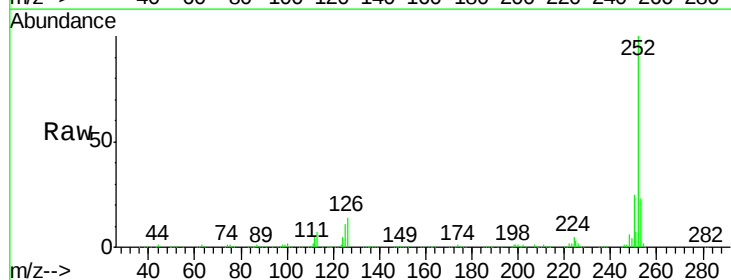
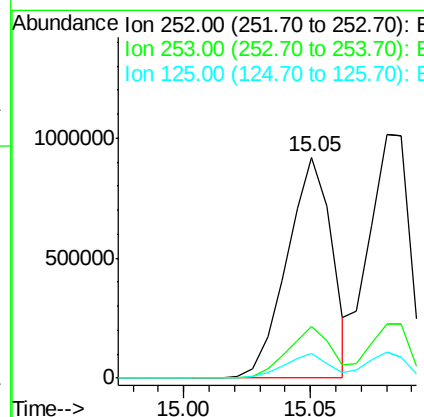
Manual Integrations
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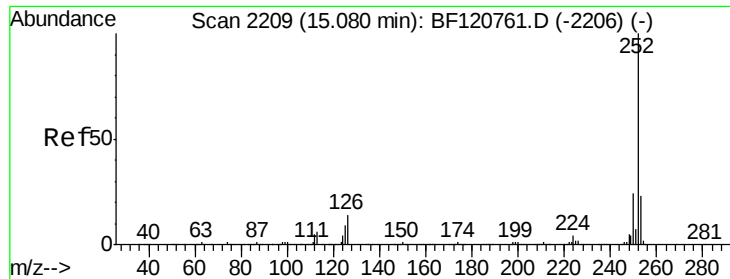
mohammad
 7/7/2020 8:25:27 AM



#88
 Benzo(b)fluoranthene
 Concen: 51.930 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120762.D
 Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.0	7.5	11.3





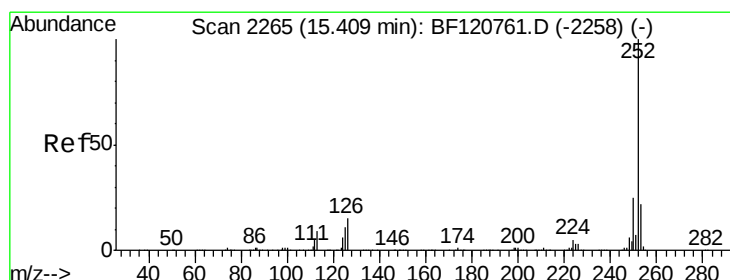
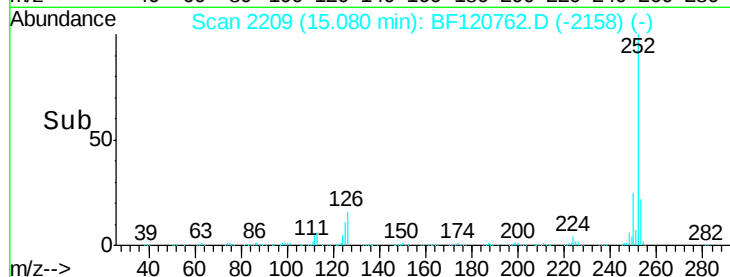
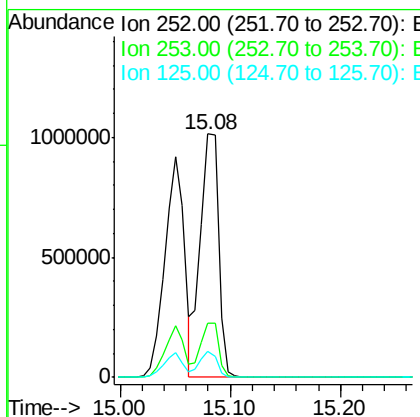
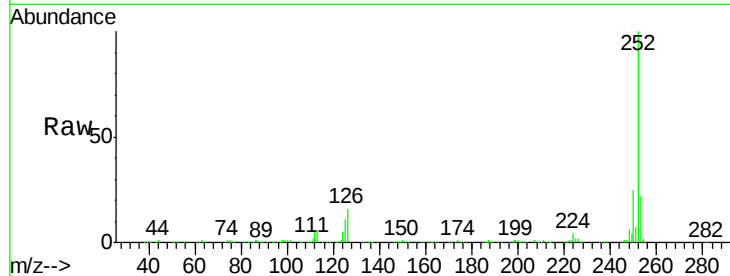
#89
Benzo(k)fluoranthene
Concen: 59.516 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.9	7.6	11.4

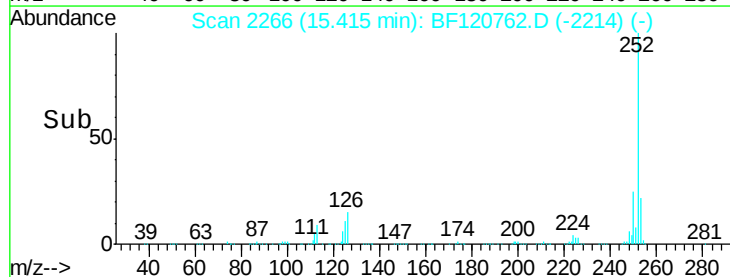
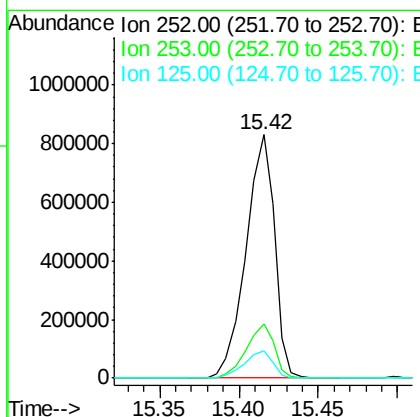
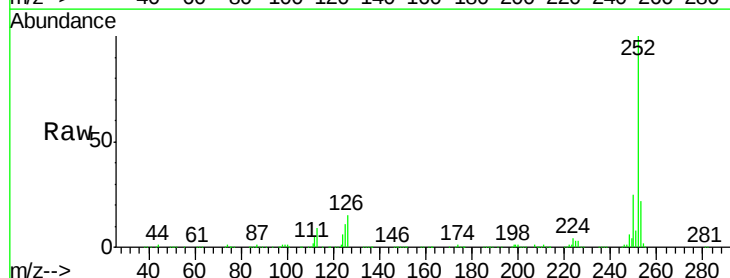
Manual Integrations
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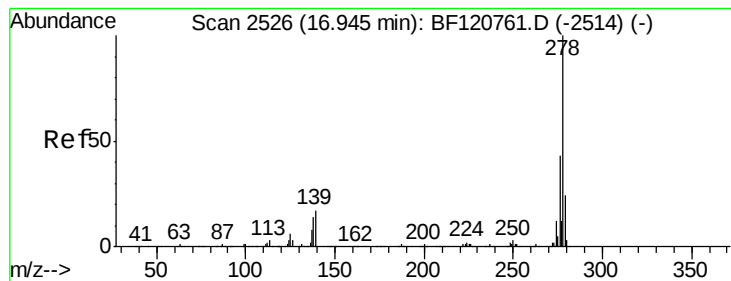
mohammad
7/7/2020 8:25:27 AM



#90
Benzo(a)pyrene
Concen: 55.314 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120762.D
Acq: 2 Jul 2020 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	11.1	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 53.120 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Instrument :

BNA_F

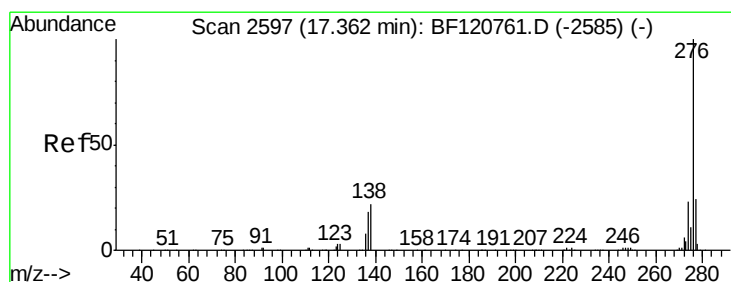
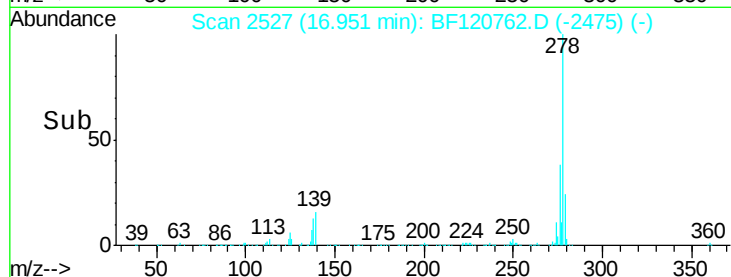
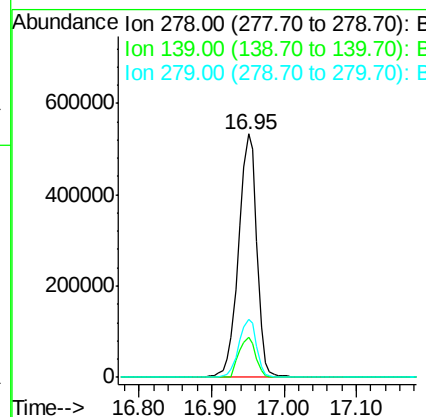
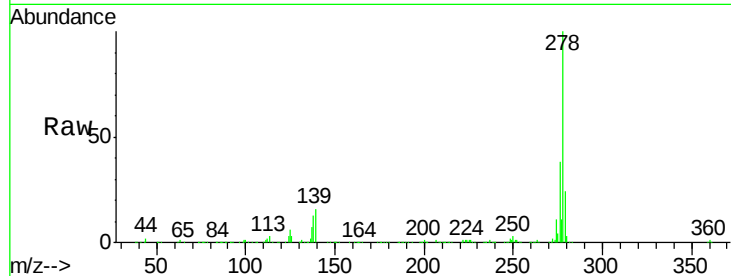
ClientSampleId :

SSTDIC050

Tot Ion:	278	Resp:	938164
Ion Ratio	Lower	Upper	
278	100		
139	16.2	13.3	19.9
279	23.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
7/7/2020 8:25:27 AM



#92

Benzo(g,h,i)perylene

Concen: 47.661 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.01 min

Lab File: BF120762.D

Acq: 2 Jul 2020 17:01

Tgt Ion:	276	Resp:	842213
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.8	28.2
138	20.9	17.4	26.2

