

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120122.D
 Acq On : 22 Apr 2020 11:11
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:17:50 AM

Quant Time: Apr 22 12:17:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	151850	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	552484	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	268235	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	517792	20.00	ng	0.00
76) Chrysene-d12	13.85	240	386874	20.00	ng	0.00
87) Perylene-d12	15.26	264	327260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	839727	95.57	ng	0.00
7) Phenol-d6	6.33	99	1087648	96.06	ng	0.00
23) Nitrobenzene-d5	7.25	82	978834	91.66	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	263696	80.29	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1739342	92.06	ng	0.00
79) Terphenyl-d14	12.80	244	1790207	77.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	163072	41.67	ng	99
3) Pyridine	2.96	79	456788	42.54	ng	97
4) n-Nitrosodimethylamine	2.93	42	254675	46.42	ng	97
6) Aniline	6.35	93	562070	37.82	ng	# 66
8) 2-Chlorophenol	6.47	128	460624	46.92	ng	96
9) Benzaldehyde	6.23	77	277780	52.02	ng	99
10) Phenol	6.34	94	589816	45.92	ng	77
11) bis(2-Chloroethyl)ether	6.42	93	448617	45.23	ng	99
12) 1,3-Dichlorobenzene	6.62	146	497396	46.28	ng	99
13) 1,4-Dichlorobenzene	6.70	146	495208	45.23	ng	99
14) 1,2-Dichlorobenzene	6.85	146	467659	46.35	ng	100
15) Benzyl Alcohol	6.83	79	400185	45.51	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	815378	42.25	ng	97
17) 2-Methylphenol	6.95	107	397012	45.31	ng	98
18) Hexachloroethane	7.19	117	186454	45.57	ng	99
19) n-Nitroso-di-n-propylamine	7.11	70	313509	43.06	ng	99
20) 3+4-Methylphenols	7.10	107	496106	46.30	ng	91
22) Acetophenone	7.10	105	604053	46.69	ng	# 90
24) Nitrobenzene	7.27	77	497273	46.29	ng	97
25) Isophorone	7.51	82	880516	42.77	ng	98
26) 2-Nitrophenol	7.59	139	248823	46.36	ng	94
27) 2,4-Dimethylphenol	7.63	122	344579	42.57	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	535947	44.24	ng	100
29) 2,4-Dichlorophenol	7.83	162	370507	44.65	ng	97
30) 1,2,4-Trichlorobenzene	7.91	180	417225	44.38	ng	98
31) Naphthalene	7.99	128	1299082	44.69	ng	98
32) Benzoic acid	7.77	122	282898	39.79	ng	99
33) 4-Chloroaniline	8.05	127	504626	39.88	ng	98
34) Hexachlorobutadiene	8.11	225	240711	42.77	ng	99
35) Caprolactam	8.43	113	109811m	43.26	ng	
36) 4-Chloro-3-methylphenol	8.53	107	391182	43.55	ng	100
37) 2-Methylnaphthalene	8.68	142	846523	42.96	ng	99
38) 1-Methylnaphthalene	8.78	142	798952	43.01	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	392893	46.38	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
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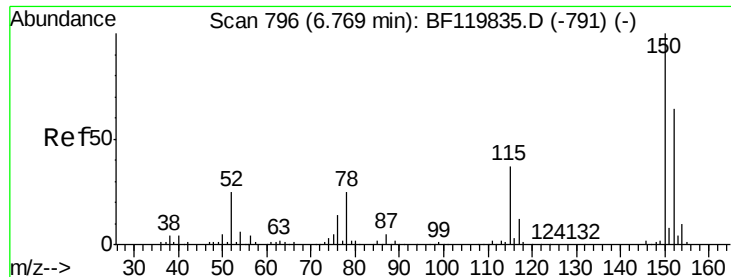
Manual Integrations
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 4/24/2020 4:17:50 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	186765	38.77	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	260977	44.61	ng	98
44) 2,4,5-Trichlorophenol	9.00	196	292701	44.42	ng	98
46) 1,1'-Biphenyl	9.15	154	1042657	46.05	ng	98
47) 2-Chloronaphthalene	9.17	162	809484	46.41	ng	100
48) 2-Nitroaniline	9.27	65	296128	46.85	ng	99
49) Acenaphthylene	9.59	152	1203473	45.37	ng	98
50) Dimethylphthalate	9.46	163	909664	43.84	ng	99
51) 2,6-Dinitrotoluene	9.52	165	203267	44.74	ng	90
52) Acenaphthene	9.76	154	723367	40.88	ng	97
53) 3-Nitroaniline	9.69	138	238406	45.94	ng	96
54) 2,4-Dinitrophenol	9.79	184	111064	40.83	ng	95
55) Dibenzofuran	9.93	168	1086058	44.73	ng	98
56) 4-Nitrophenol	9.86	139	168257	43.58	ng	90
57) 2,4-Dinitrotoluene	9.92	165	261641	43.71	ng	97
58) Fluorene	10.27	166	856568	44.11	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	218206	43.30	ng	98
60) Diethylphthalate	10.15	149	922488	42.90	ng	98
61) 4-Chlorophenyl-phenylether	10.27	204	417368	41.94	ng	97
62) 4-Nitroaniline	10.30	138	246864	49.92	ng	95
63) Azobenzene	10.43	77	864364	44.85	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	153473	44.99	ng	99
66) n-Nitrosodiphenylamine	10.39	169	764900	44.42	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	257816	40.04	ng	96
68) Hexachlorobenzene	10.82	284	273629	41.89	ng	94
69) Atrazine	10.92	200	181287	37.84	ng	99
70) Pentachlorophenol	11.02	266	137200	36.45	ng	100
71) Phenanthrene	11.23	178	1233654	44.77	ng	99
72) Anthracene	11.29	178	1237532	43.96	ng	98
73) Carbazole	11.44	167	1219235	45.80	ng	97
74) Di-n-butylphthalate	11.78	149	1431169	40.89	ng	99
75) Fluoranthene	12.42	202	1350587	45.42	ng	98
77) Benzidine	12.54	184	124663	9.53	ng	98
78) Pyrene	12.65	202	1385675	42.49	ng	98
80) Butylbenzylphthalate	13.27	149	608865	38.47	ng	95
81) Benzo(a)anthracene	13.84	228	1123040	44.13	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	378062	39.81	ng	98
83) Chrysene	13.88	228	1134873	43.88	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	768579	35.86	ng	100
85) Di-n-octyl phthalate	14.45	149	1374035	37.66	ng	99
86) Indeno(1,2,3-cd)pyrene	16.62	276	920061	40.36	ng	100
88) Benzo(b)fluoranthene	14.86	252	1036877	44.04	ng	99
89) Benzo(k)fluoranthene	14.89	252	961063	47.31	ng	99
90) Benzo(a)pyrene	15.20	252	910375	45.99	ng	98
91) Dibenzo(a,h)anthracene	16.64	278	739911	42.20	ng	99
92) Benzo(g,h,i)perylene	17.03	276	730910	42.23	ng	97

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



#1

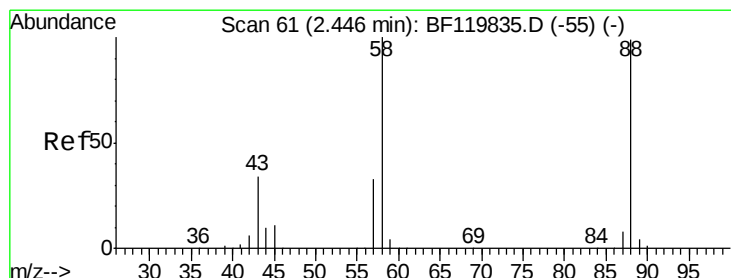
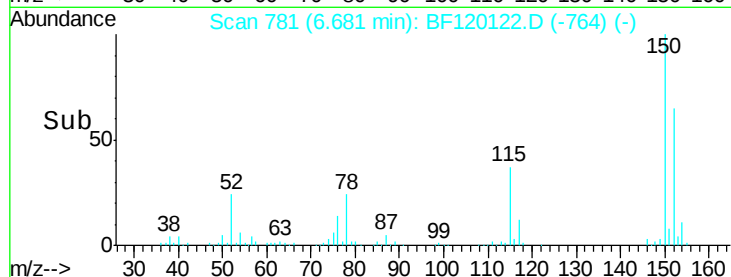
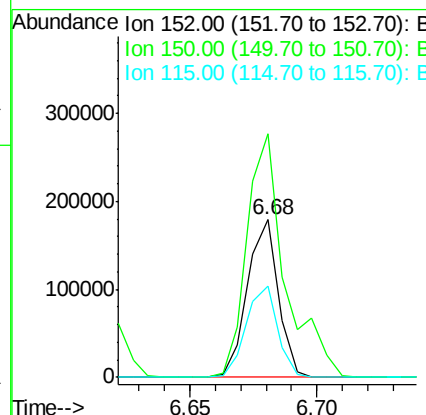
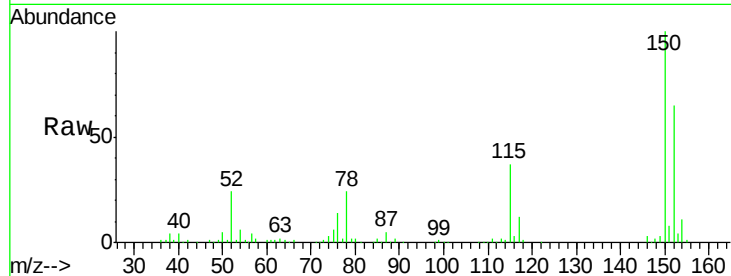
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.5	186.7
115	58.0	49.6	74.4

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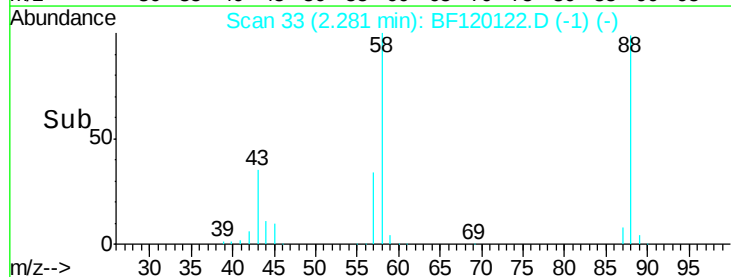
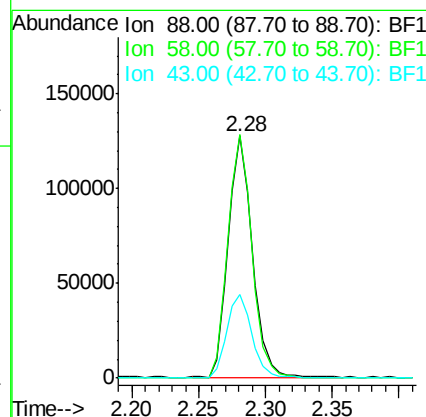
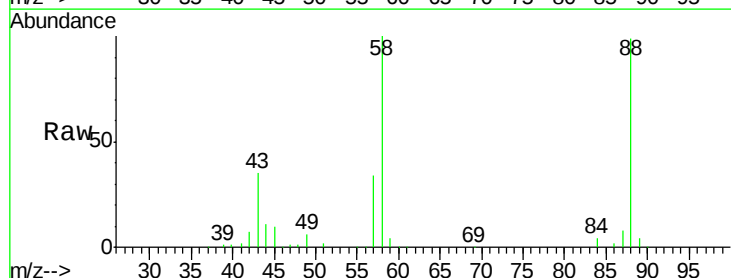
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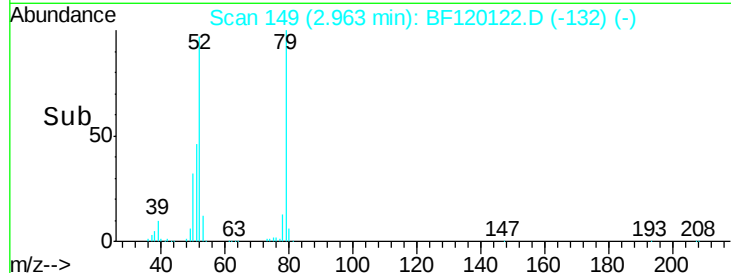
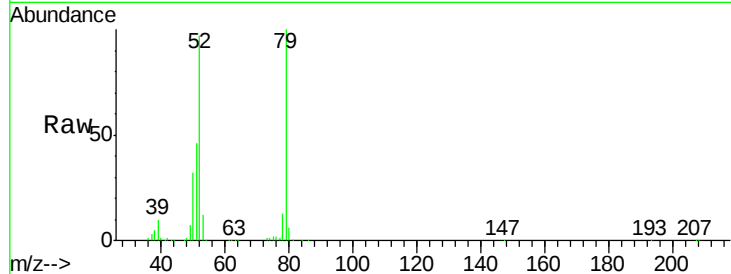
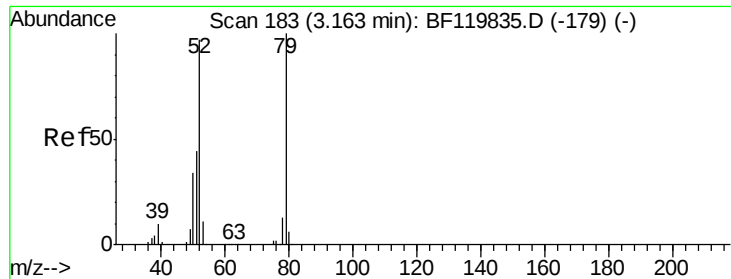


#2

1,4-Dioxane
Concen: 41.67 ng
RT: 2.28 min Scan# 33
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.7	80.6	121.0
43	36.1	27.5	41.3





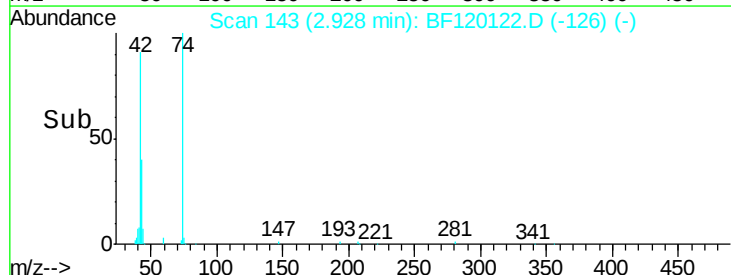
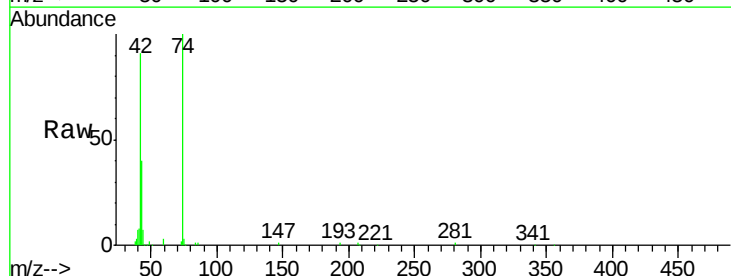
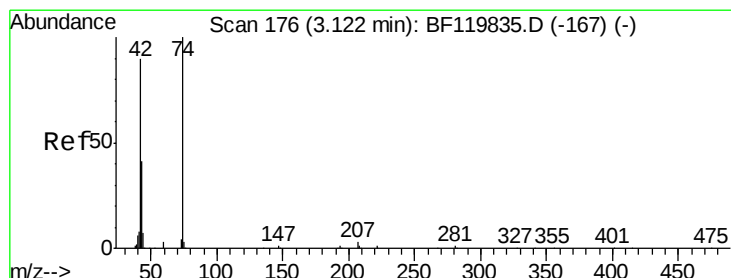
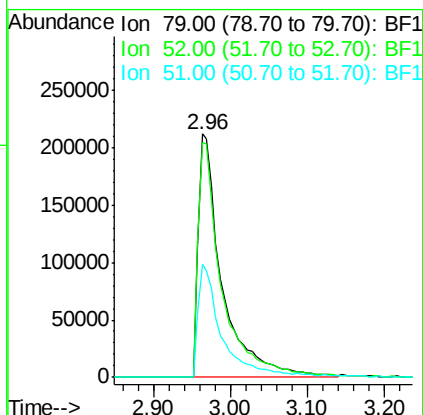
#3
Pyridine
Concen: 42.54 ng
RT: 2.96 min Scan# 149
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
79	100		
52	96.6	80.2	120.2
51	46.2	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

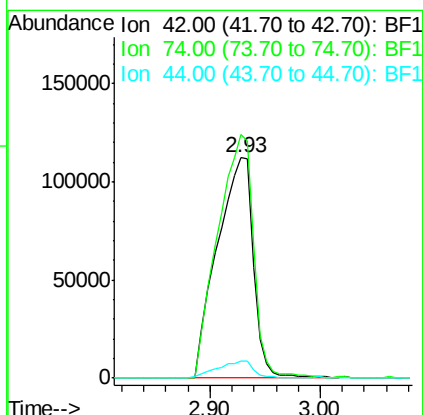
Manual Integrations
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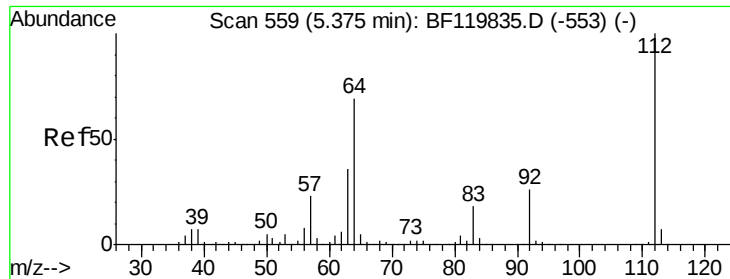
mohammad
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#4
n-Nitrosodimethylamine
Concen: 46.42 ng
RT: 2.93 min Scan# 143
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.4	91.5	137.3
44	7.8	6.2	9.4





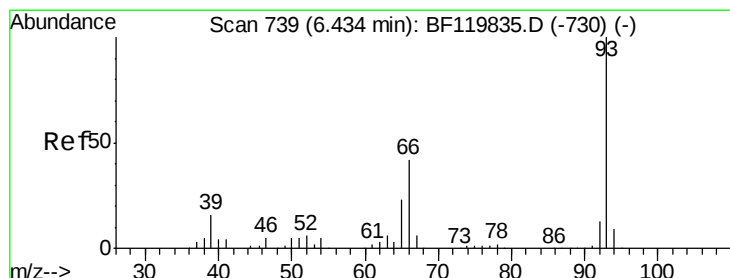
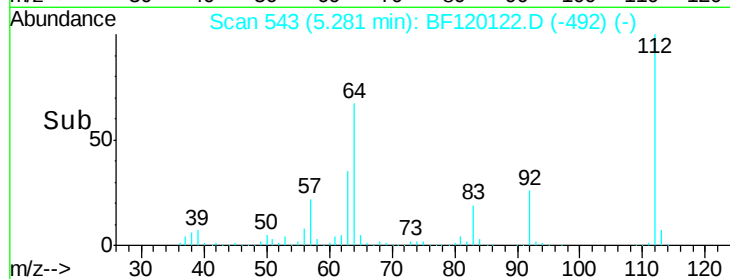
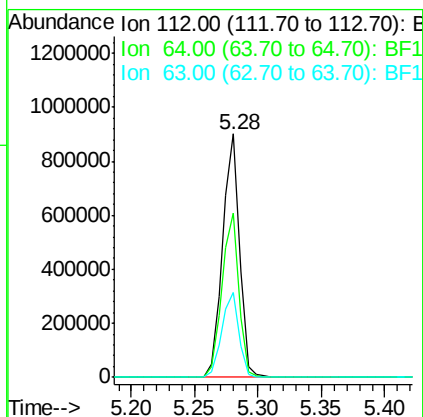
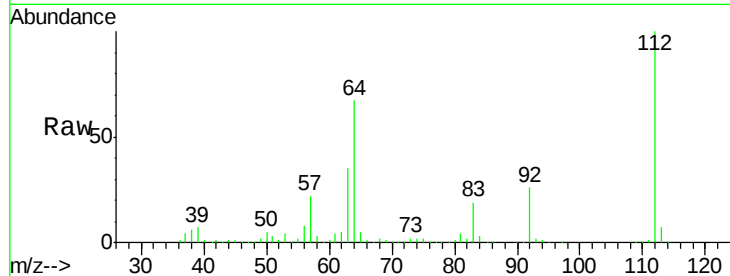
#5
2-Fluorophenol
Concen: 95.57 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	839727		
64	67.2	56.7	85.1	
63	34.7	29.5	44.3	

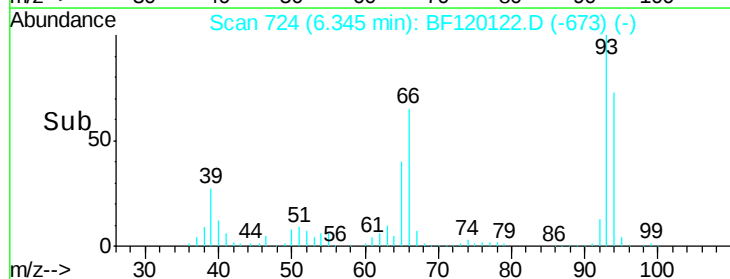
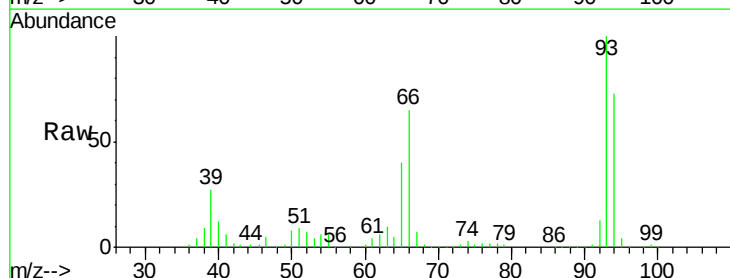
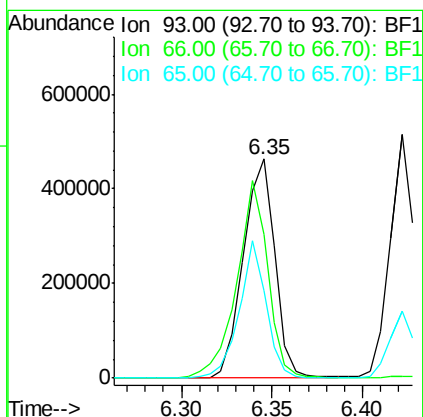
Manual Integrations
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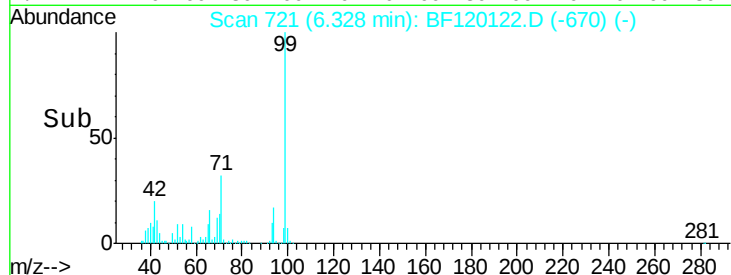
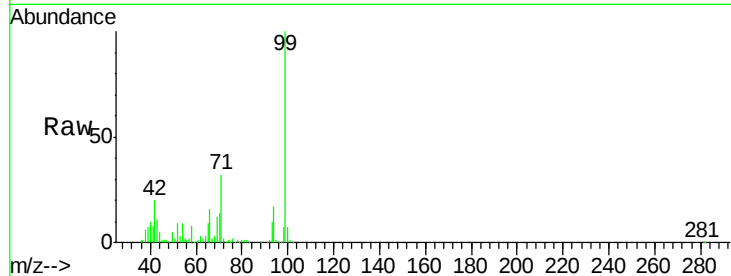
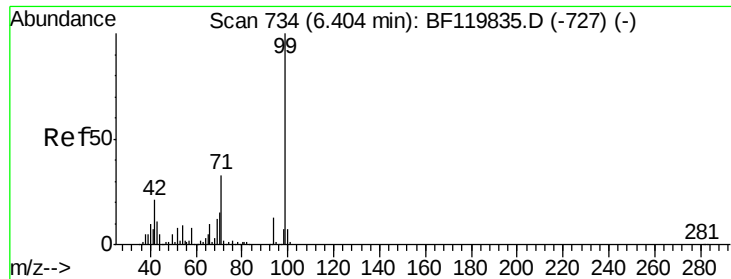
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#6
Aniline
Concen: 37.82 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	562070		
66	65.5	34.9	52.3#	
65	39.7	18.6	27.8#	





#7

Phenol-d6

Concen: 96.06 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Tgt Ion: 99 Resp: 1087648

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

71 32.4 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

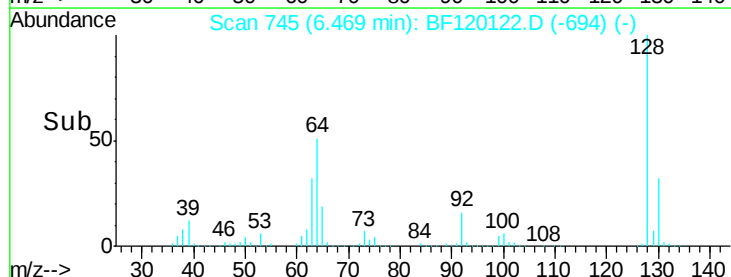
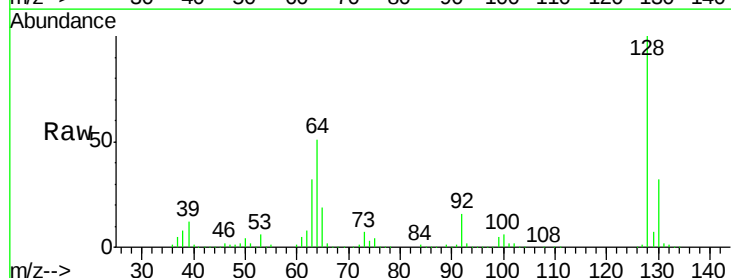
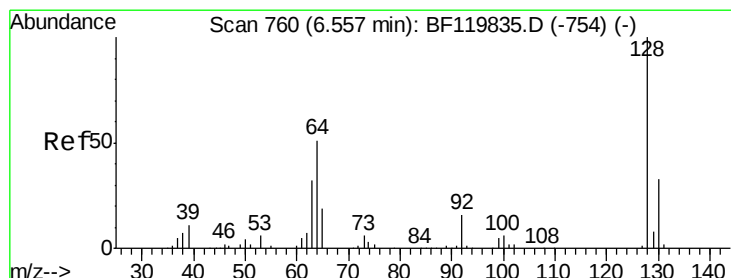
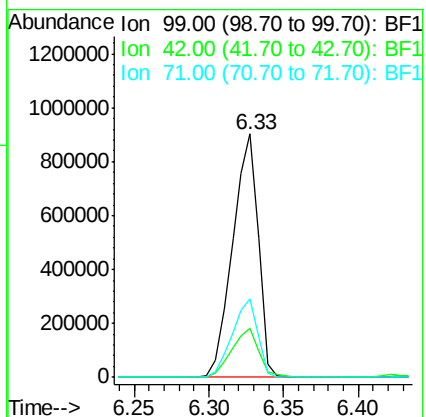
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#8

2-Chlorophenol

Concen: 46.92 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

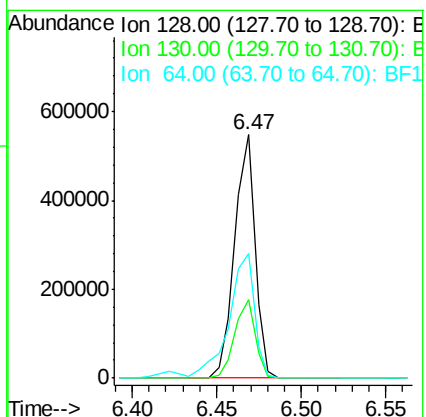
Tgt Ion: 128 Resp: 460624

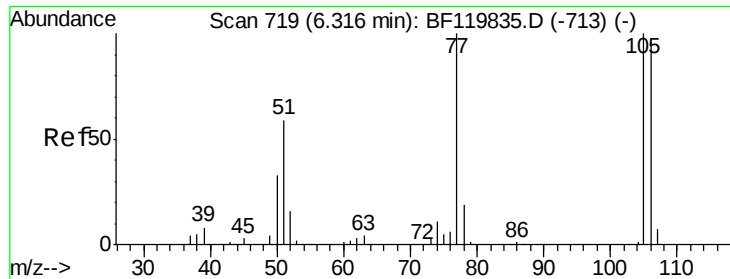
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 51.4 35.3 75.3





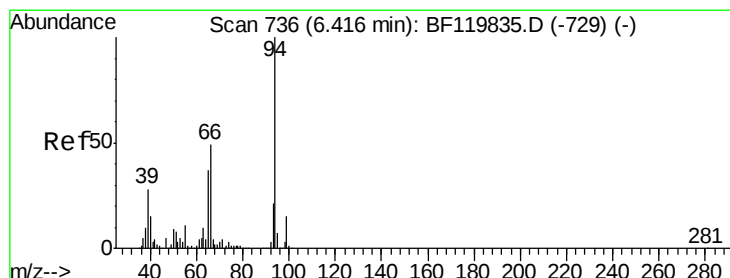
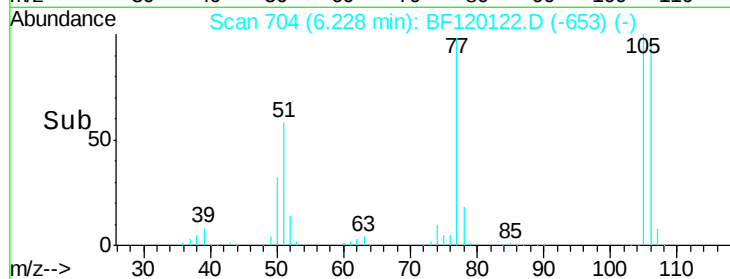
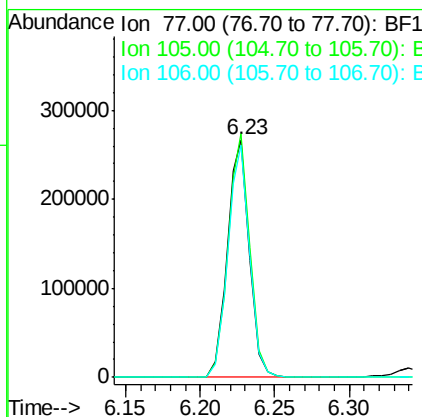
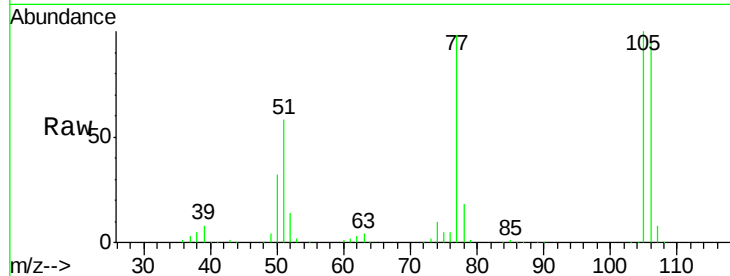
#9
Benzaldehyde
Concen: 52.02 ng
RT: 6.23 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
105	102.4	80.9	120.9
106	97.5	77.9	117.9

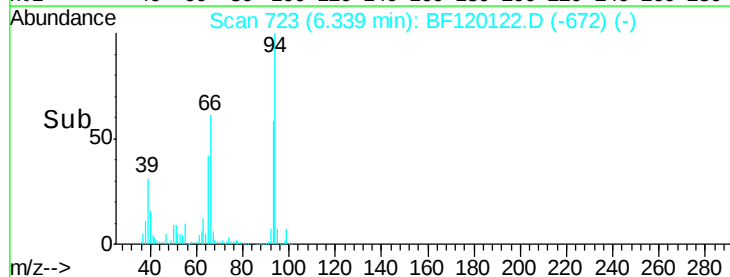
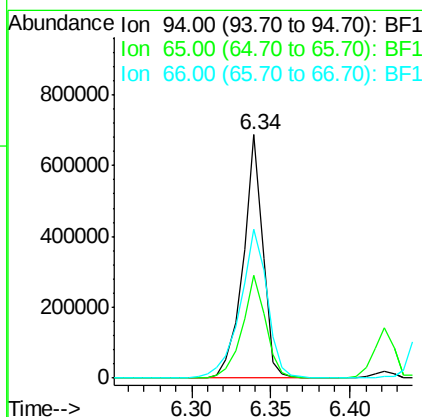
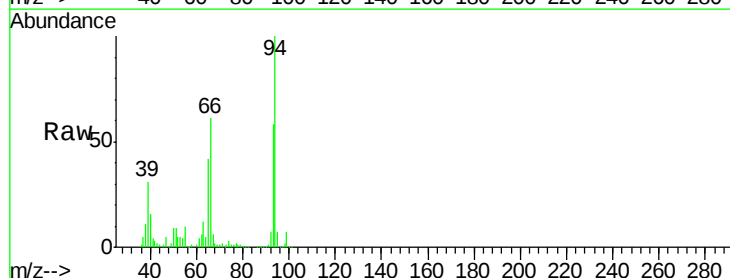
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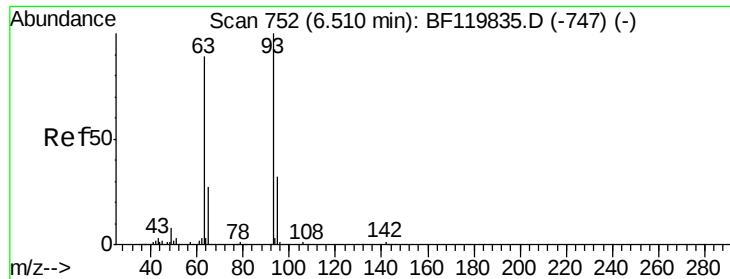
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#10
Phenol
Concen: 45.92 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.1	13.2	53.2
66	60.9	22.3	62.3





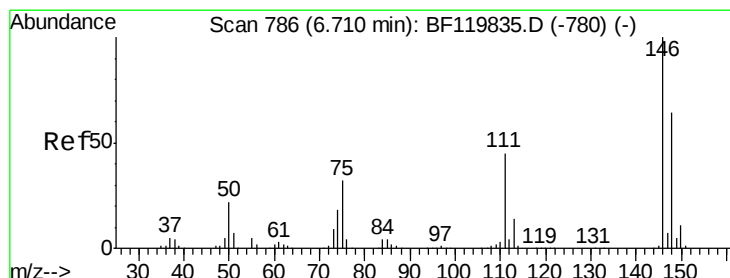
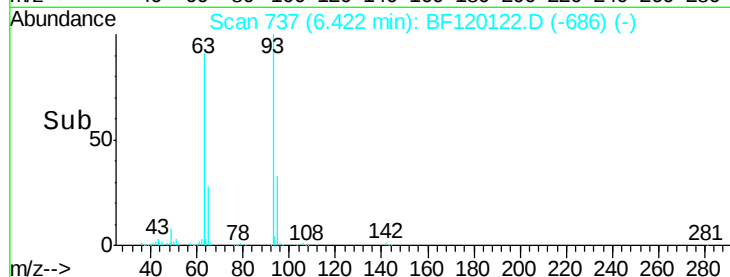
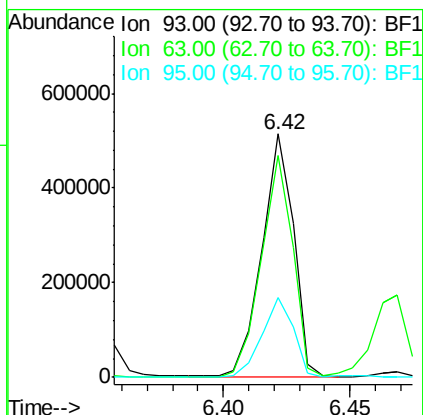
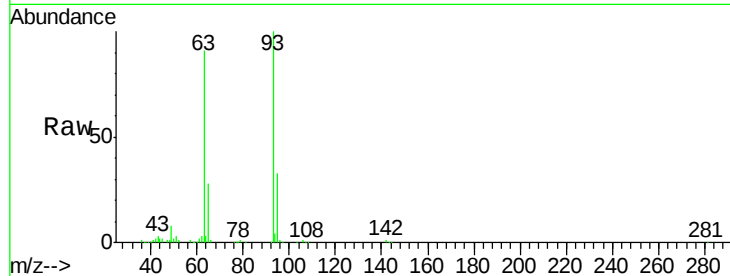
#11
bis(2-Chloroethyl)ether
Concen: 45.23 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	91.2	70.2	110.2
95	32.6	13.4	53.4

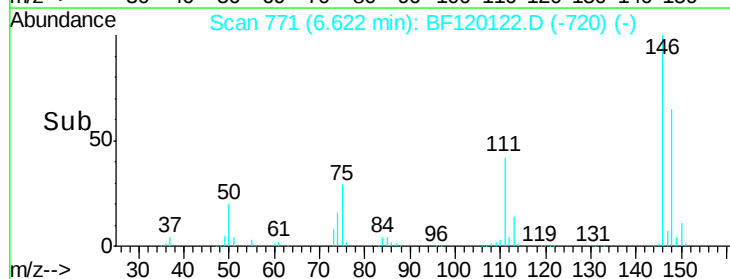
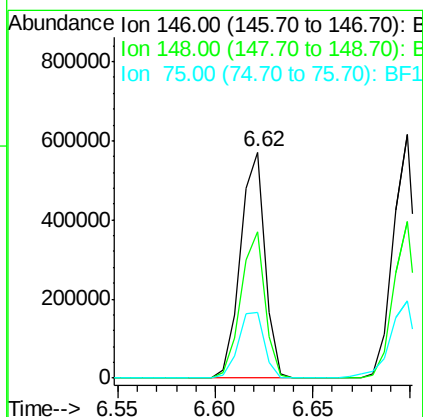
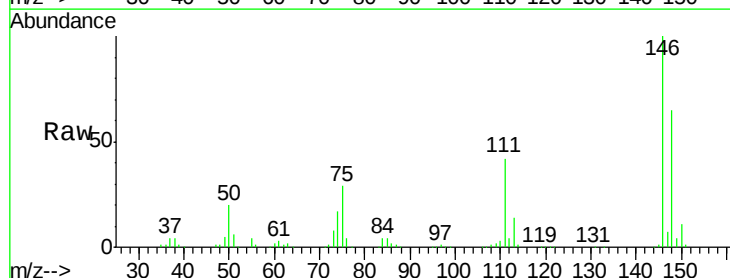
Manual Integrations
APPROVED

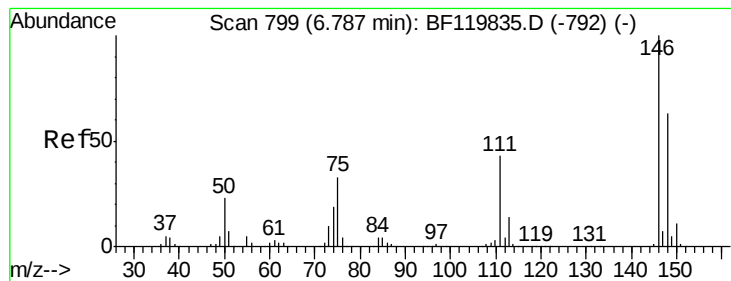
mohammad
4/24/2020 4:17:50 AM



#12
1,3-Dichlorobenzene
Concen: 46.28 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
75	29.2	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 45.23 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

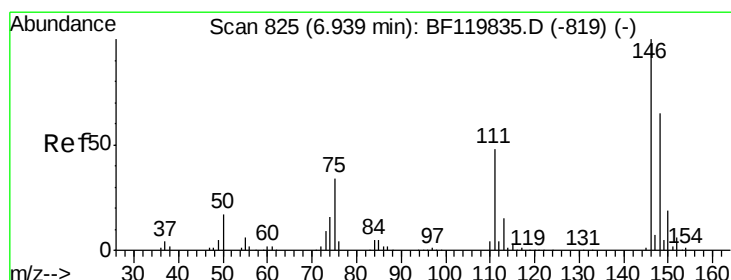
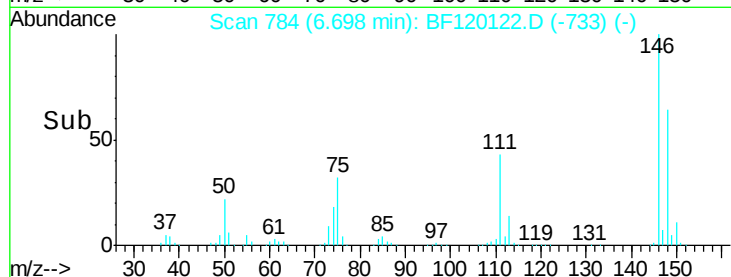
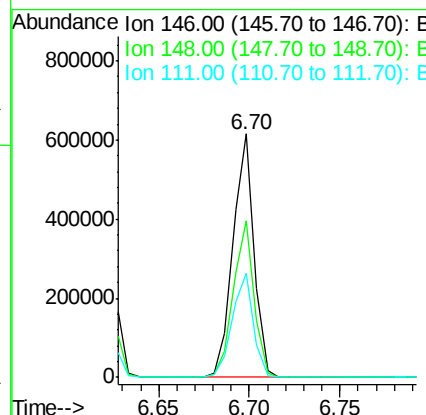
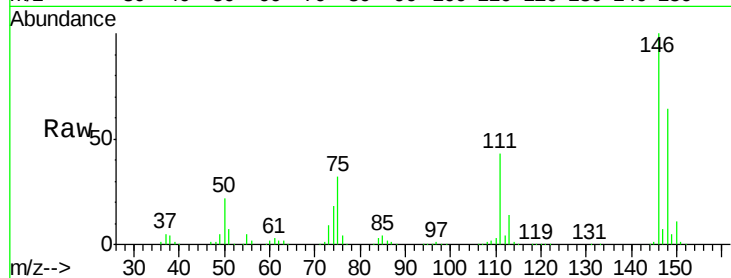
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	495208
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.5	77.3
111	42.6	33.3	49.9

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 46.35 ng

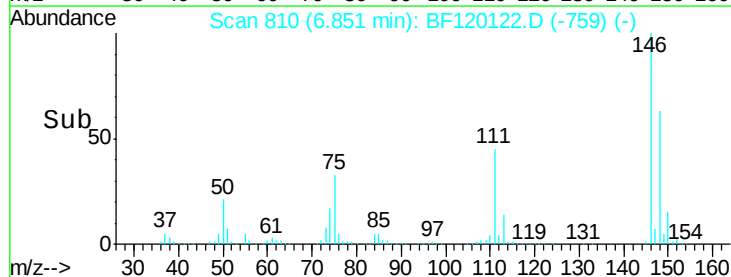
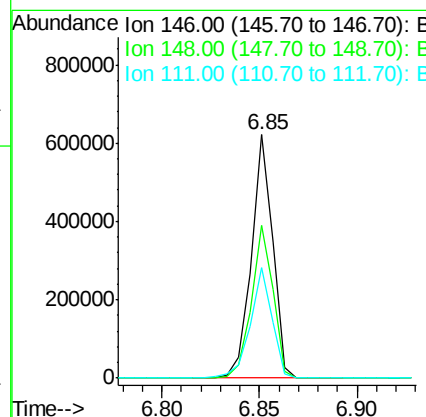
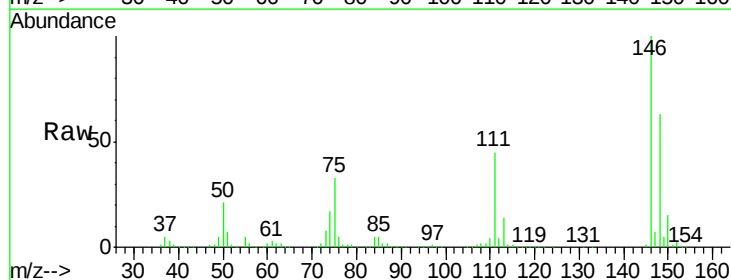
RT: 6.85 min Scan# 810

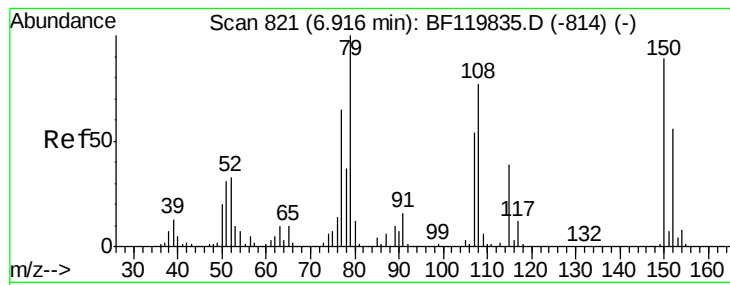
Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Tgt Ion:	146	Resp:	467659
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.6	75.8
111	45.5	36.1	54.1





#15

Benzyl Alcohol

Concen: 45.51 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion: 79 Resp: 400185

Ion Ratio Lower Upper

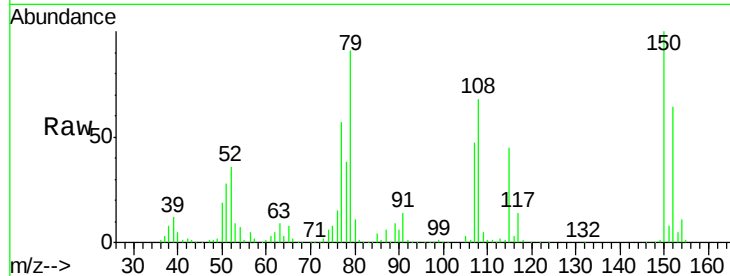
79 100

108 75.1 60.6 90.8

77 62.3 50.2 75.2

Manual Integrations
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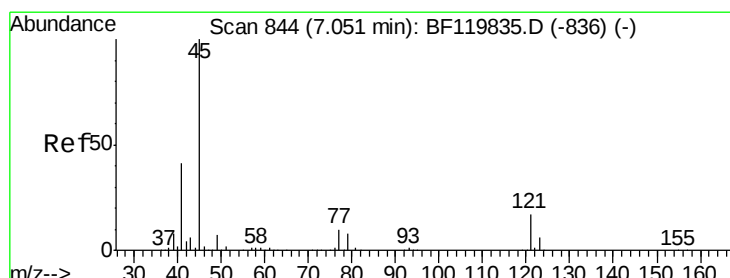
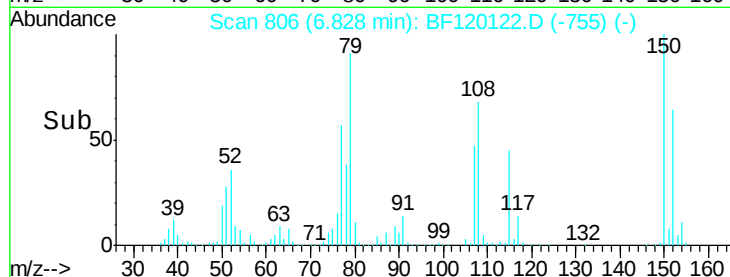
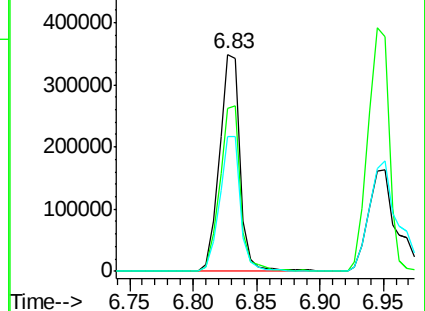
mohammad
4/24/2020 4:17:50 AM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.25 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

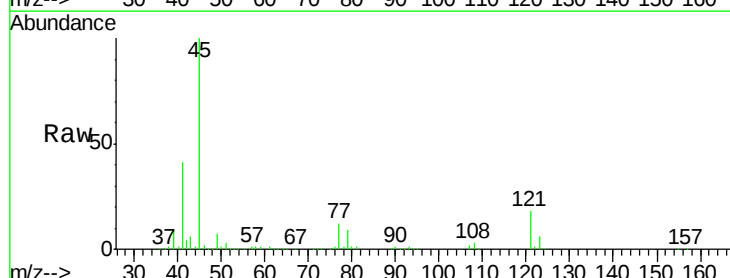
Tgt Ion: 45 Resp: 815378

Ion Ratio Lower Upper

45 100

77 11.7 0.0 30.7

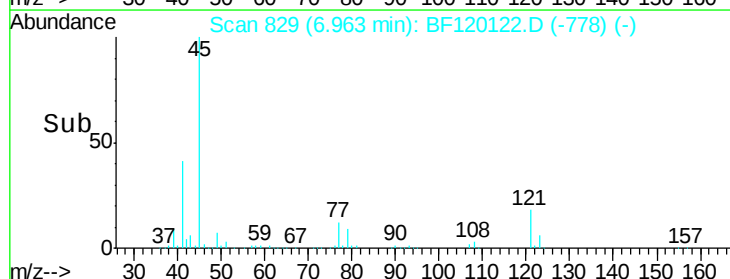
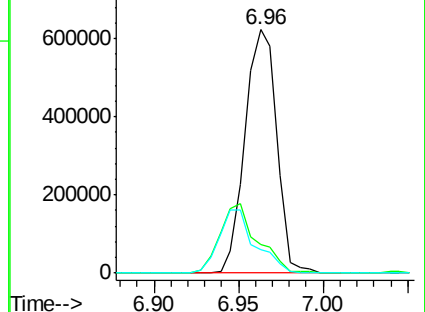
79 9.5 0.0 28.2

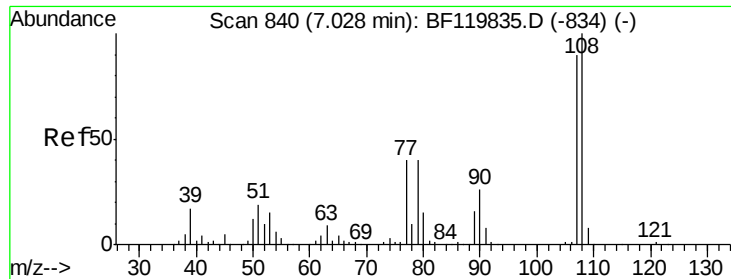


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





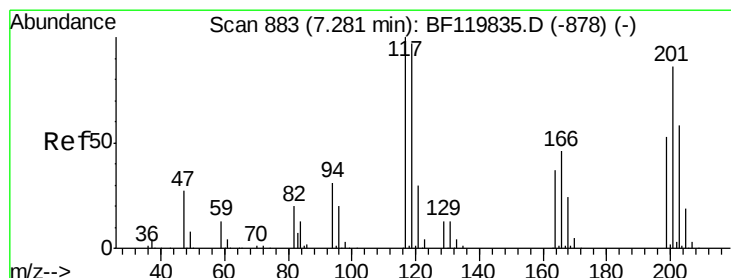
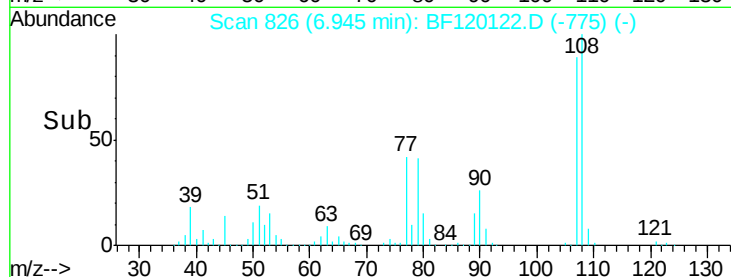
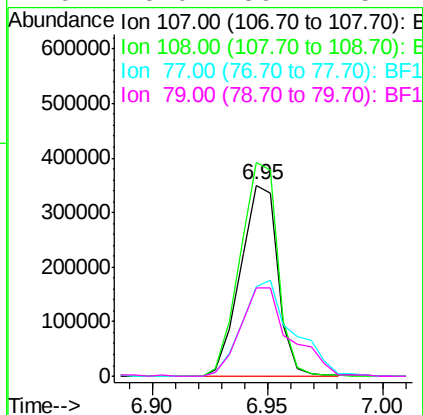
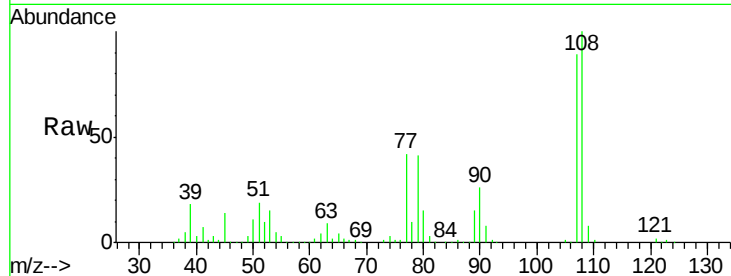
#17
2-Methylphenol
Concen: 45.31 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	397012		
108	111.9	92.2	138.4	
77	47.1	36.6	54.8	
79	46.0	36.2	54.4	

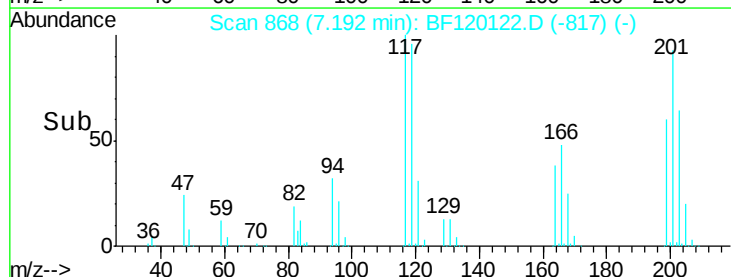
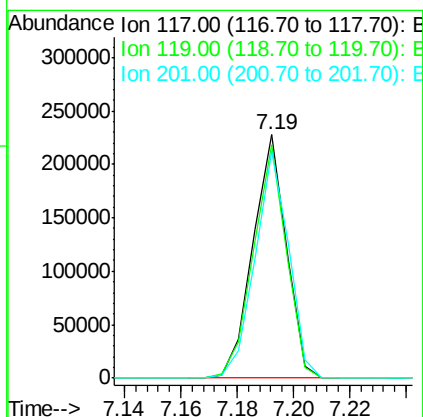
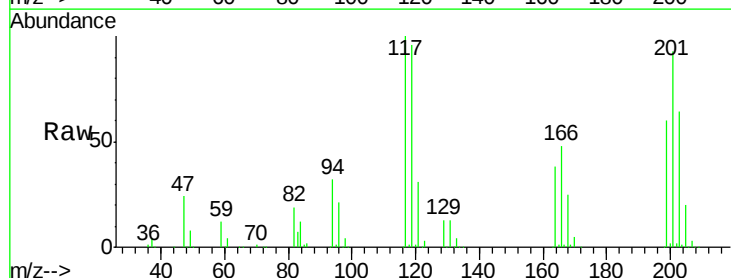
Manual Integrations
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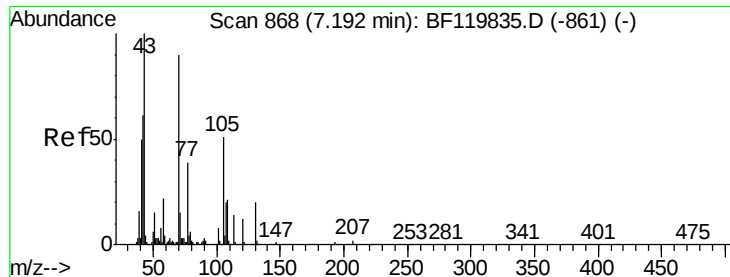
mohammad
4/24/2020 4:17:50 AM



#18
Hexachloroethane
Concen: 45.57 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	186454		
119	95.7	76.1	114.1	
201	93.2	73.0	109.6	





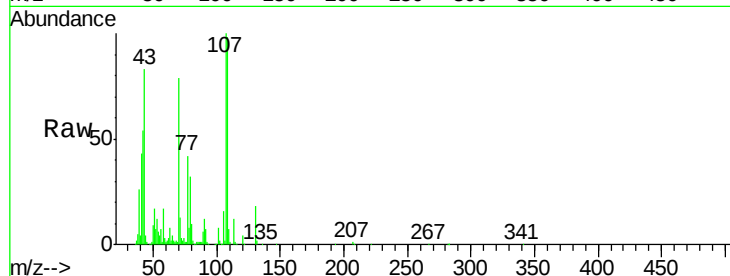
#19
n-Nitroso-di-n-propylamine
Concen: 43.06 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.9	54.5	81.7
101	9.5	7.6	11.4
130	22.7	17.6	26.4

Manual Integrations
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4/24/2020 4:17:50 AM



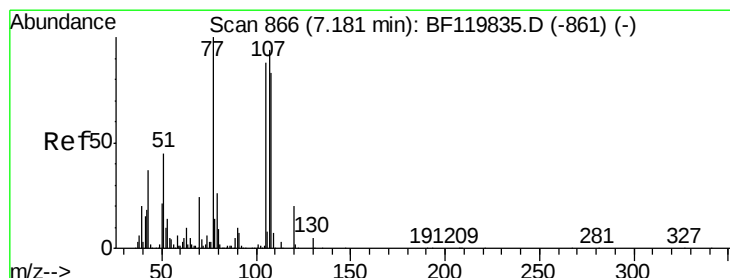
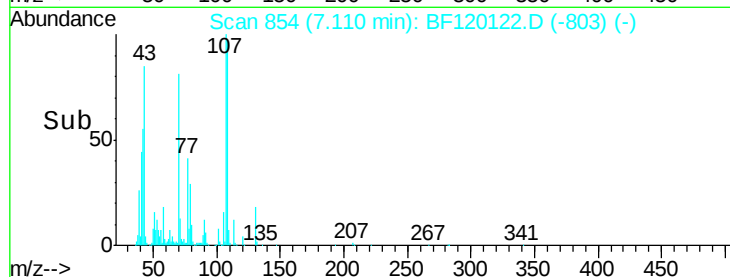
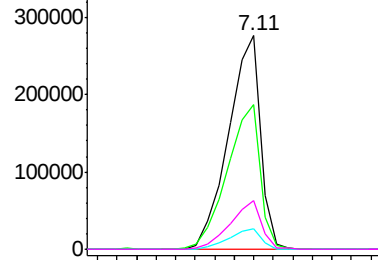
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 46.30 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.9	107.9
77	88.0	52.9	92.9
79	29.2	7.7	47.7

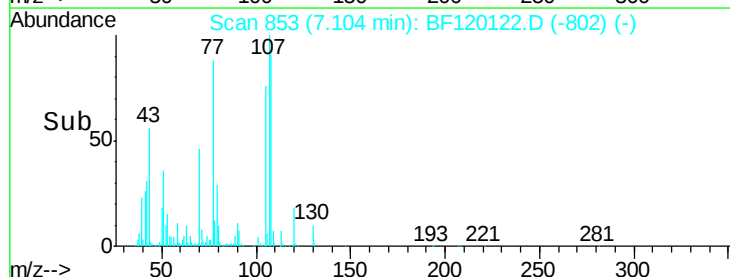
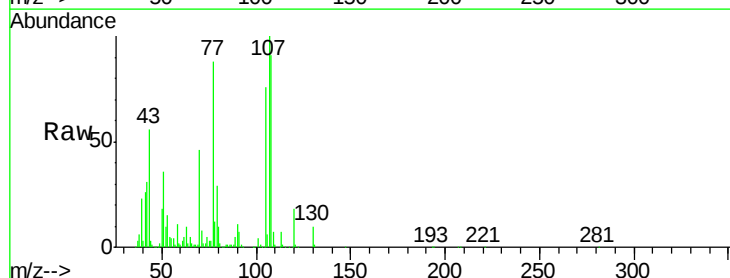
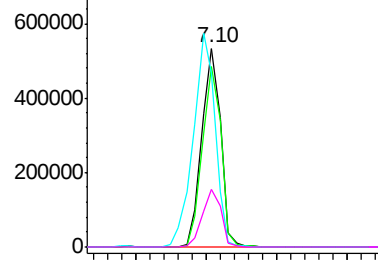
Abundance

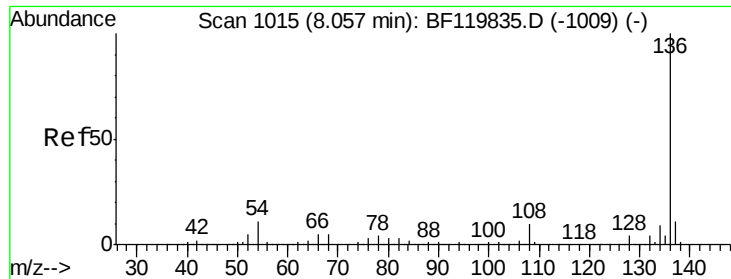
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





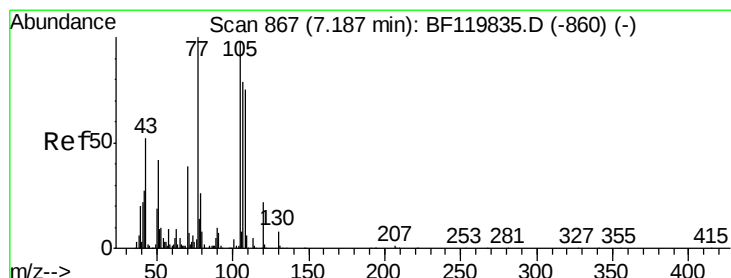
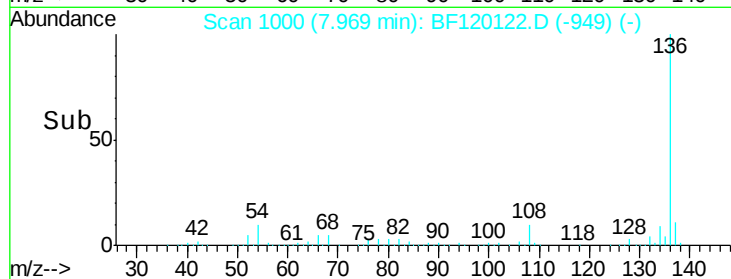
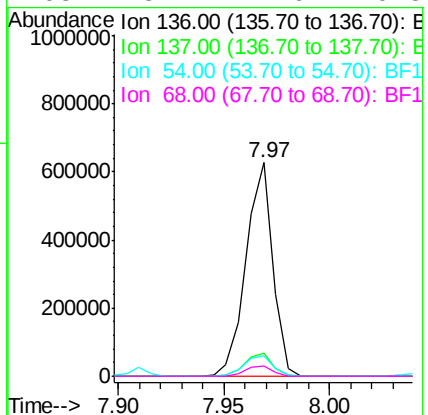
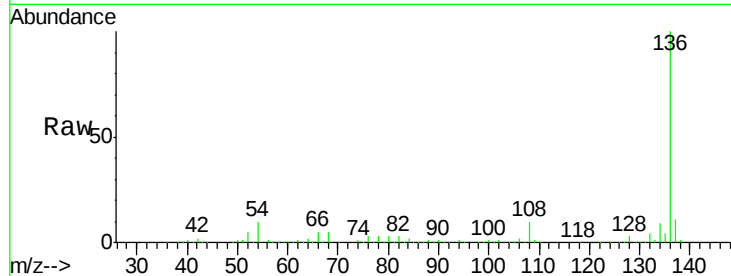
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	552484		
137	10.9	8.7	13.1	
54	9.9	9.1	13.7	
68	5.1	4.6	6.8	

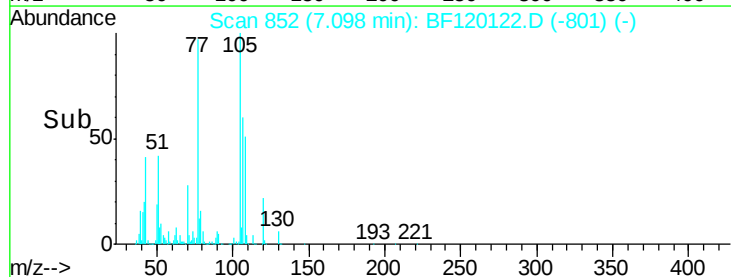
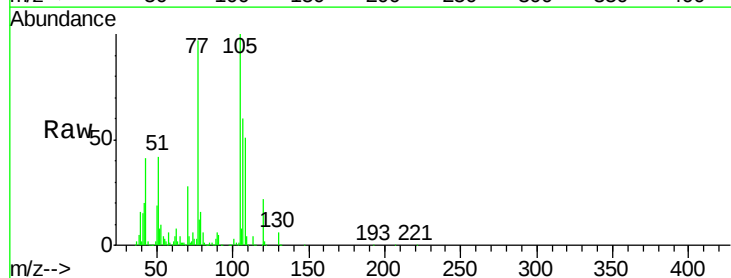
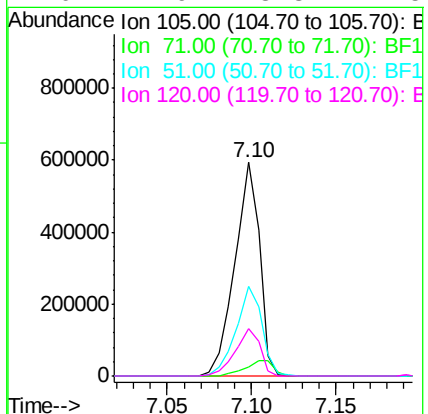
Manual Integrations
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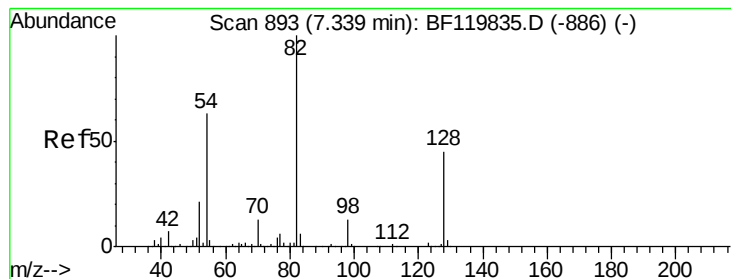
mohammad
4/24/2020 4:17:50 AM



#22
Acetophenone
Concen: 46.69 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	604053		
71	4.4	5.7	8.5#	
51	41.8	26.2	39.4#	
120	21.9	18.3	27.5	





#23

Nitrobenzene-d5

Concen: 91.66 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

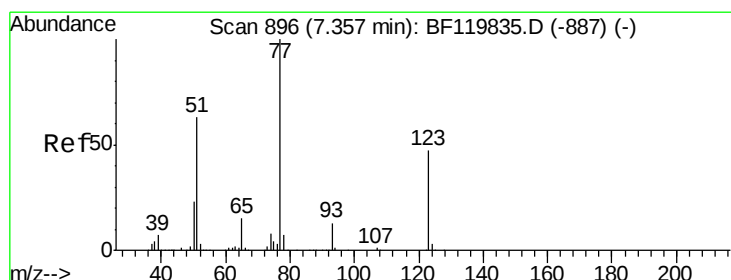
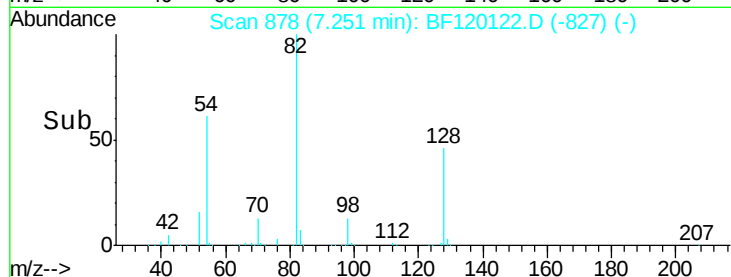
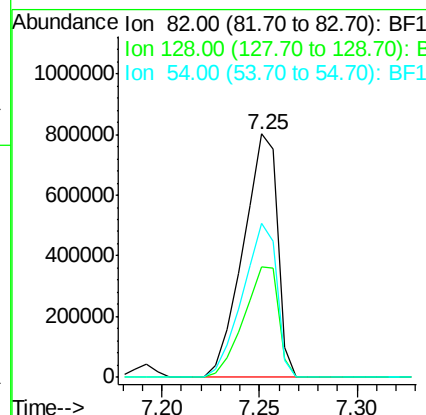
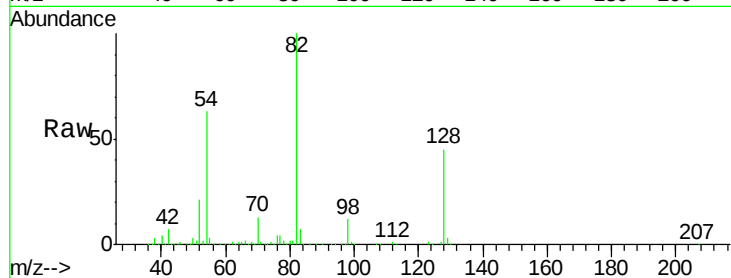
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	978834
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.3	54.5
54	63.1	50.6	75.8

Manual Integrations
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4/24/2020 4:17:50 AM



#24

Nitrobenzene

Concen: 46.29 ng

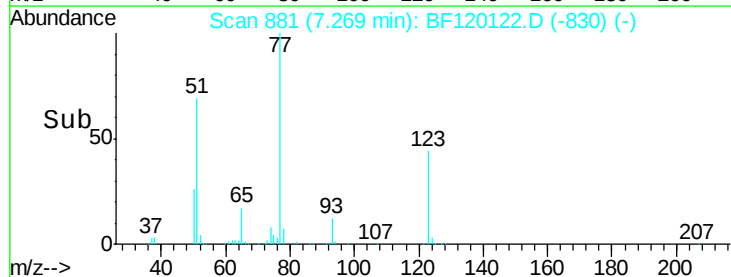
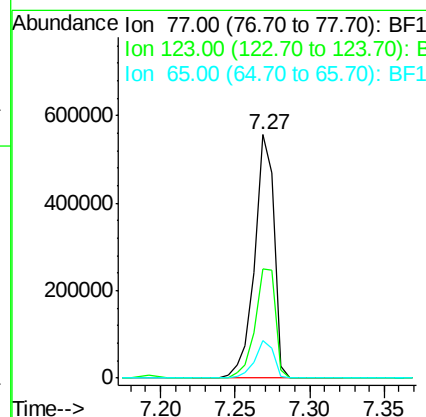
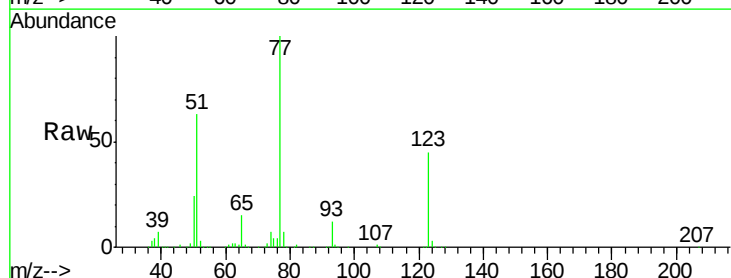
RT: 7.27 min Scan# 881

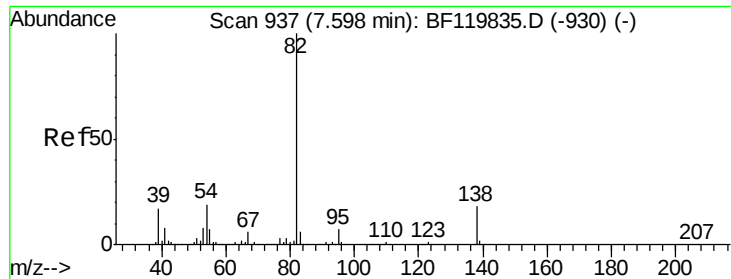
Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Tgt Ion:	77	Resp:	497273
Ion Ratio	Lower	Upper	
77	100		
123	44.7	38.0	57.0
65	15.5	12.6	18.8





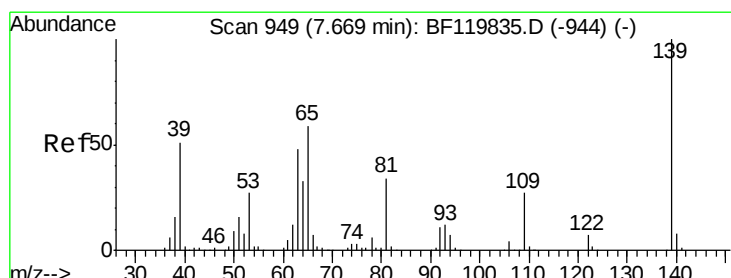
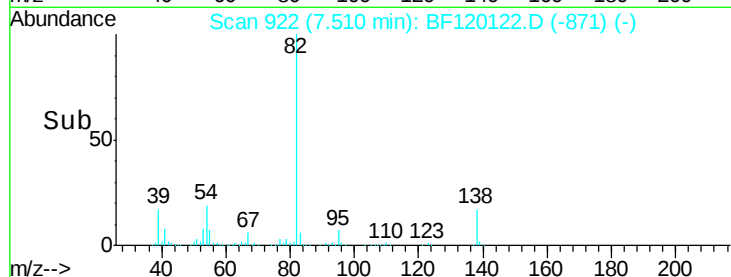
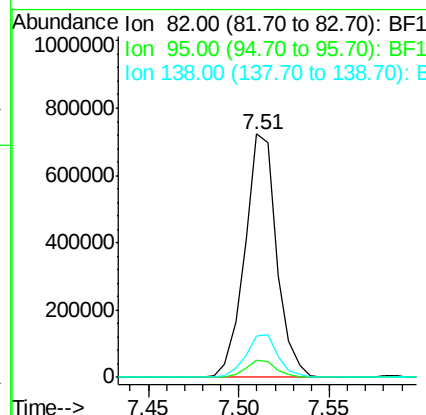
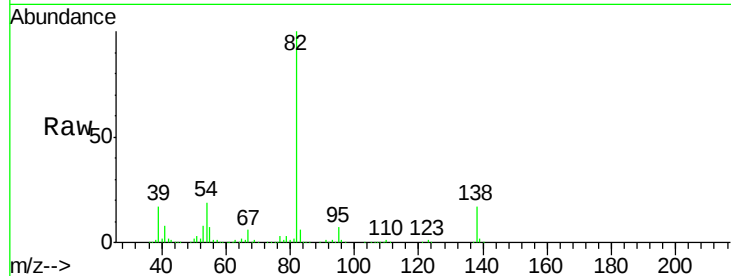
#25
Isophorone
Concen: 42.77 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.9	5.8	8.6
138	16.8	14.6	21.8

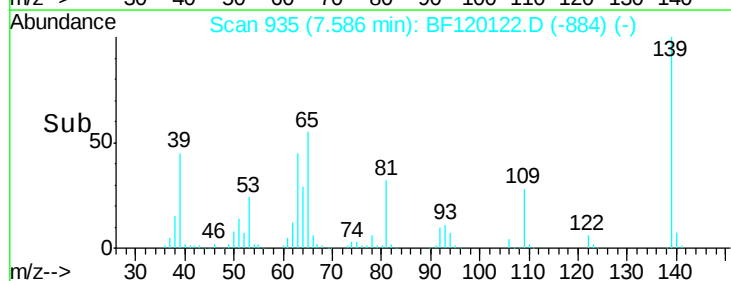
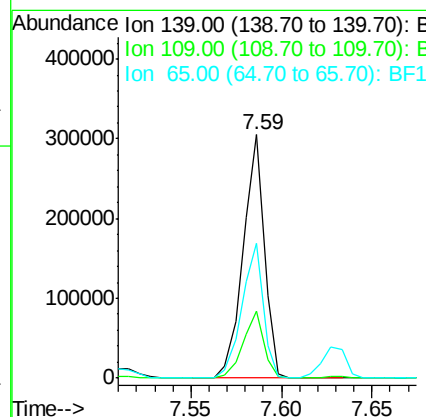
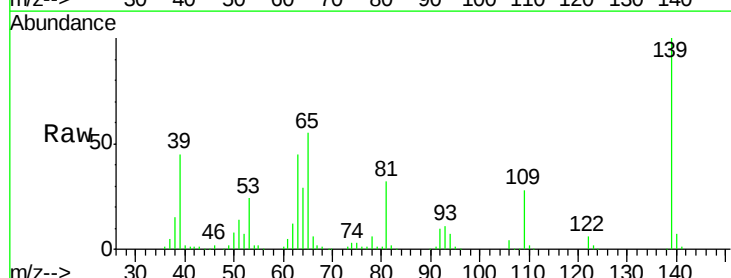
Manual Integrations
APPROVED

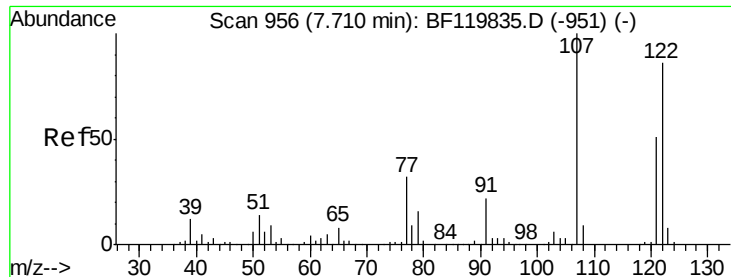
mohammad
4/24/2020 4:17:50 AM



#26
2-Nitrophenol
Concen: 46.36 ng
RT: 7.59 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	27.6	22.1	33.1
65	55.2	49.2	73.8





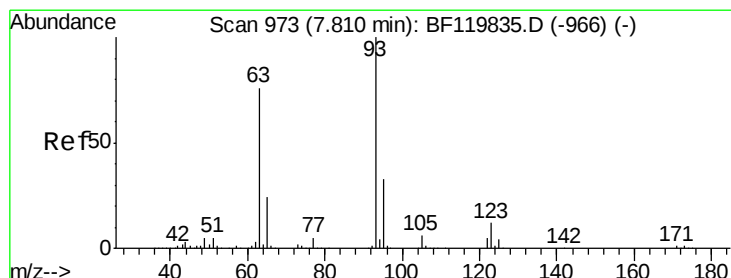
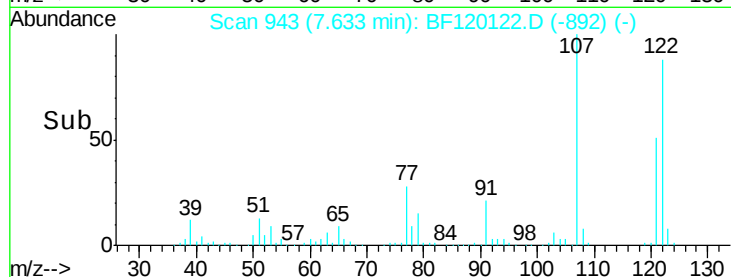
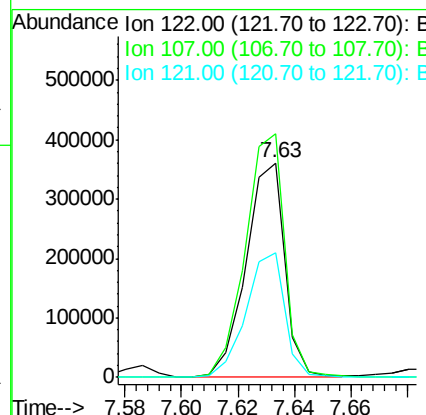
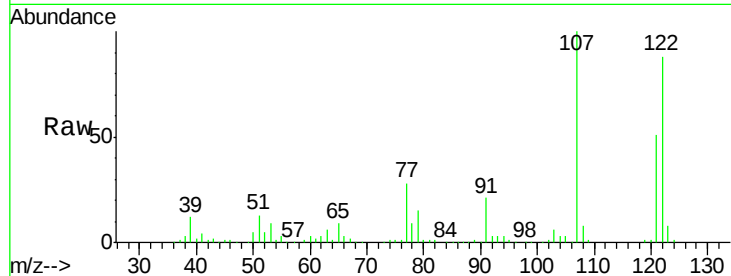
#27
 2,4-Dimethylphenol
 Concen: 42.57 ng
 RT: 7.63 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	344579		
107	113.7	89.0	133.6	
121	58.3	46.7	70.1	

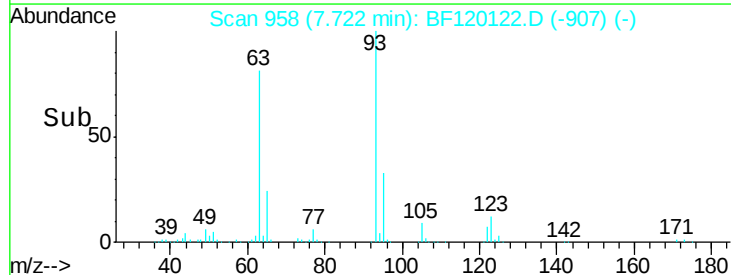
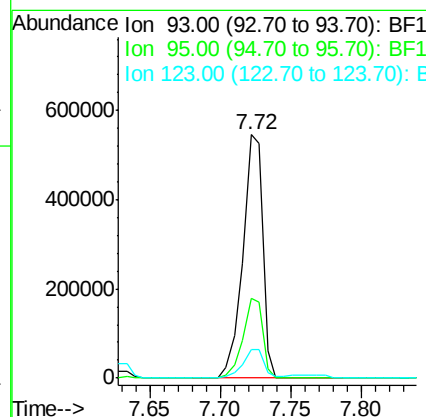
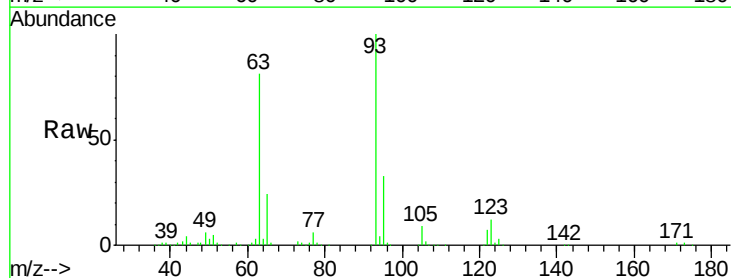
Manual Integrations
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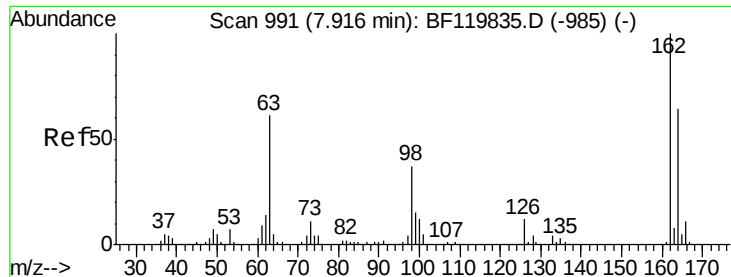
mohammad
 4/24/2020 4:17:50 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.24 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	535947		
95	32.8	26.3	39.5	
123	11.5	9.7	14.5	





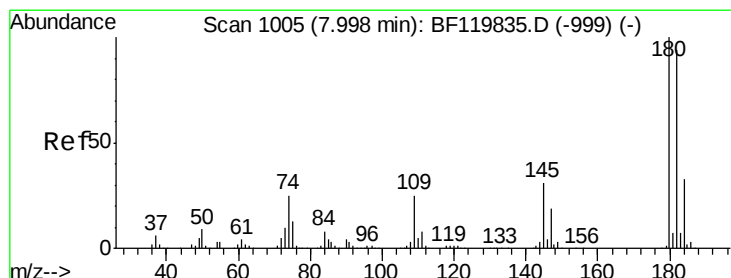
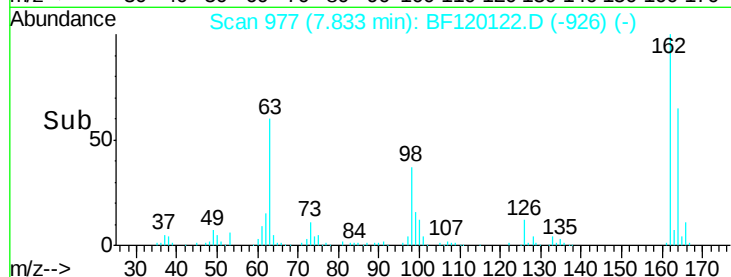
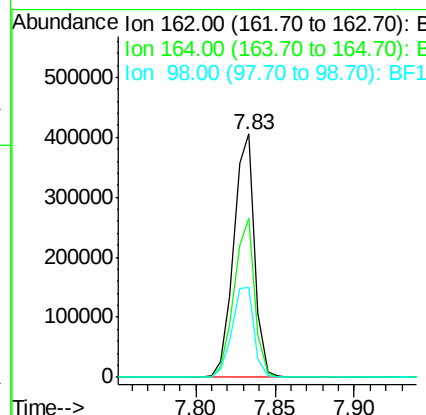
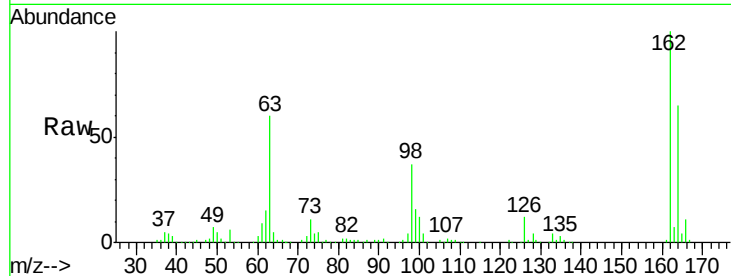
#29
2,4-Dichlorophenol
Concen: 44.65 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	370507		
164	65.4	44.7	84.7	
98	36.8	20.7	60.7	

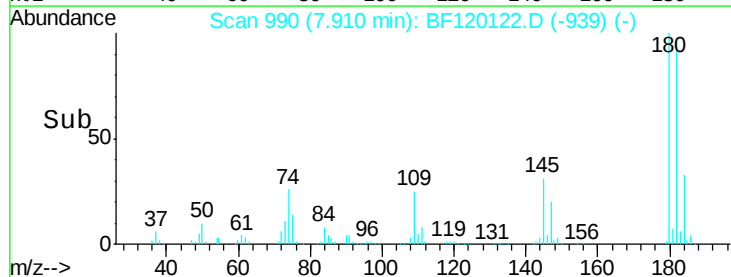
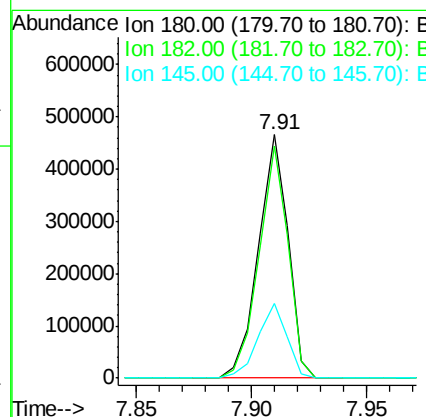
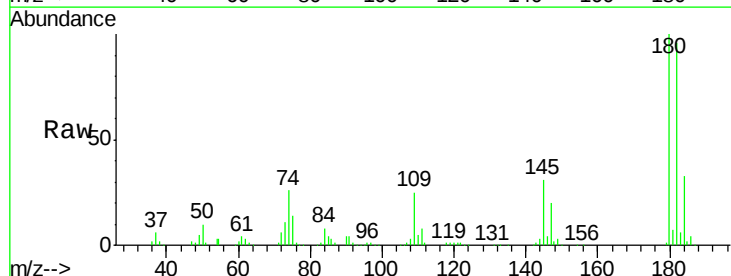
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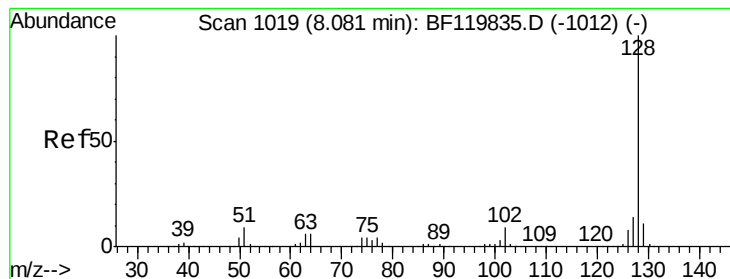
mohammad
4/24/2020 4:17:50 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.38 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	417225		
182	95.6	74.7	112.1	
145	30.6	24.5	36.7	





#31

Naphthalene

Concen: 44.69 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

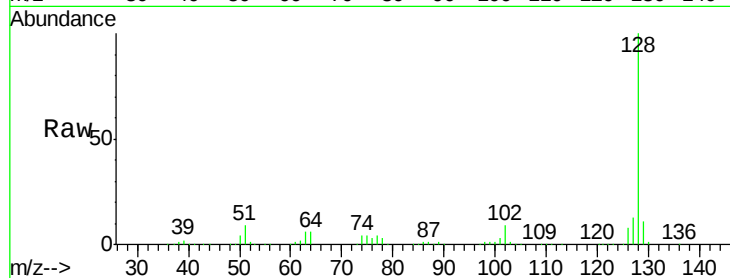
ClientSampleId :

SSTDCCC040

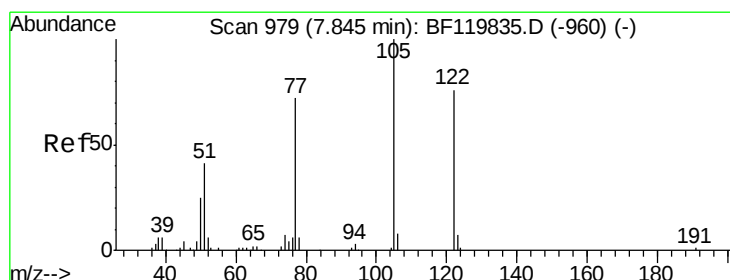
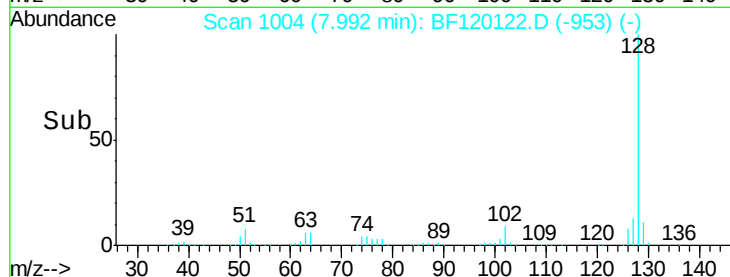
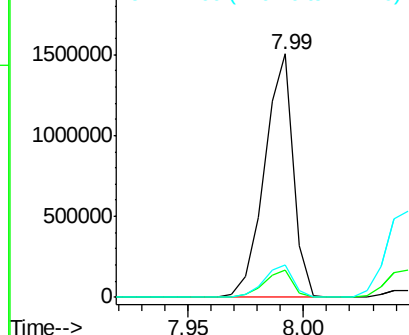
Tgt Ion:	128	Resp:	1299082
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.3	11.3	16.9

Manual Integrations
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4/24/2020 4:17:50 AM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.79 ng

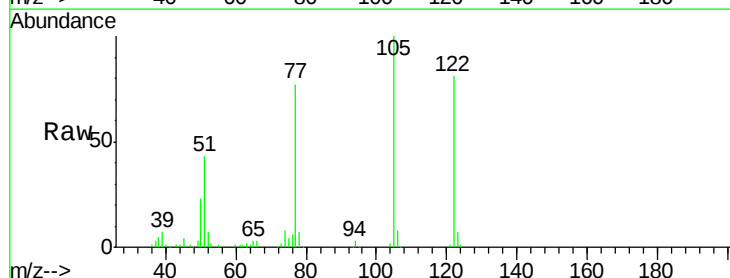
RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

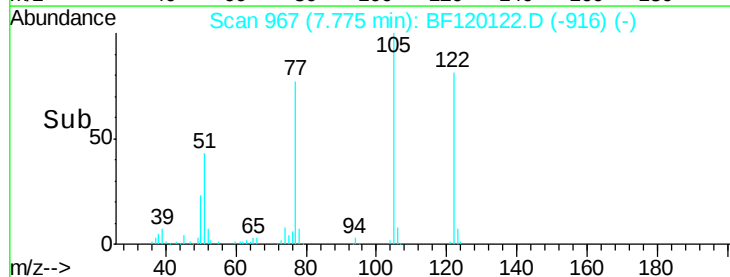
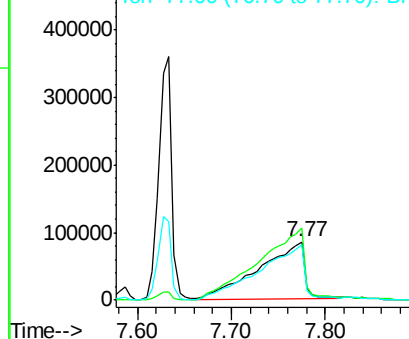
Lab File: BF120122.D

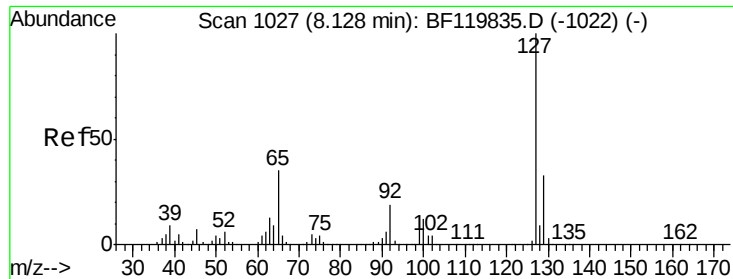
Acq: 22 Apr 2020 11:11

Tgt Ion:	122	Resp:	282898
Ion	Ratio	Lower	Upper
122	100		
105	123.9	104.9	144.9
77	95.8	74.4	114.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





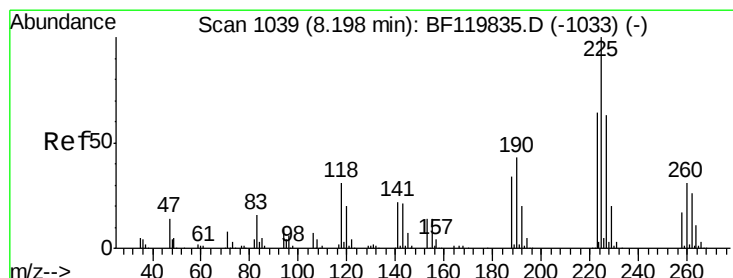
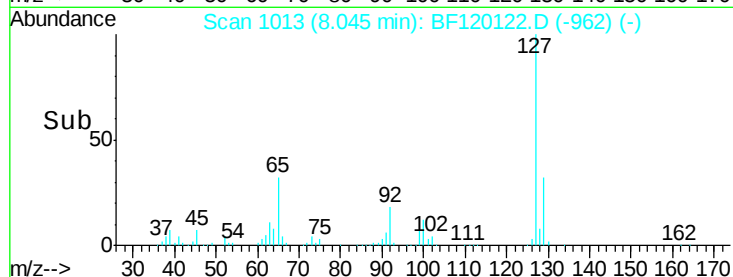
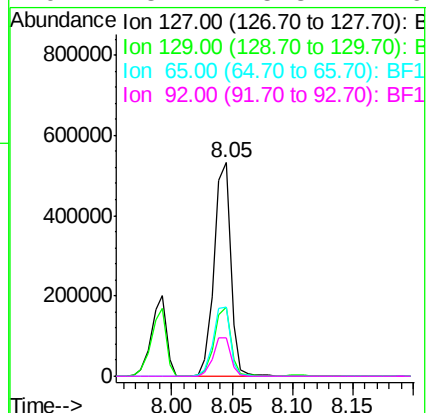
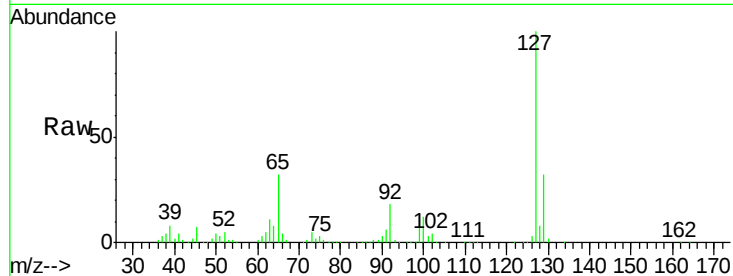
#33
4-Chloroaniline
Concen: 39.88 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.4	26.2	39.4
65	32.1	27.4	41.0
92	18.1	15.3	22.9

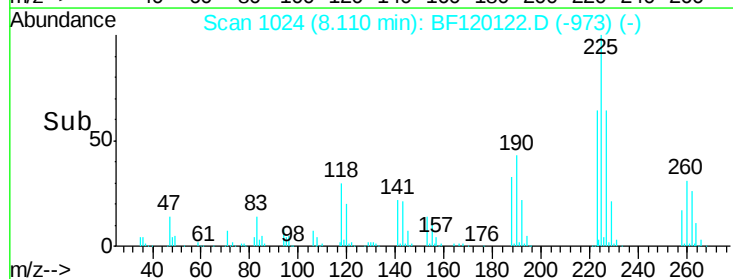
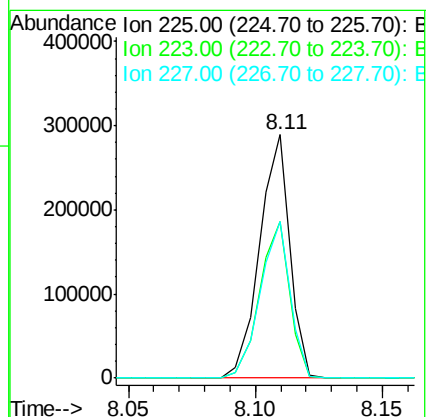
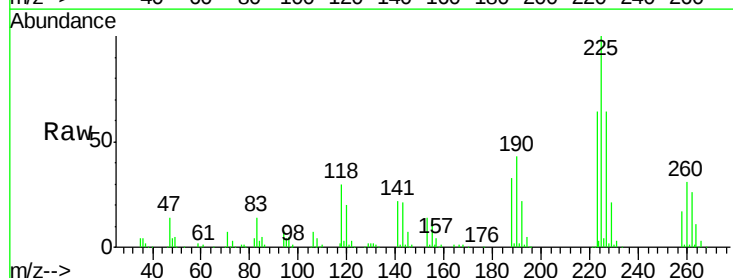
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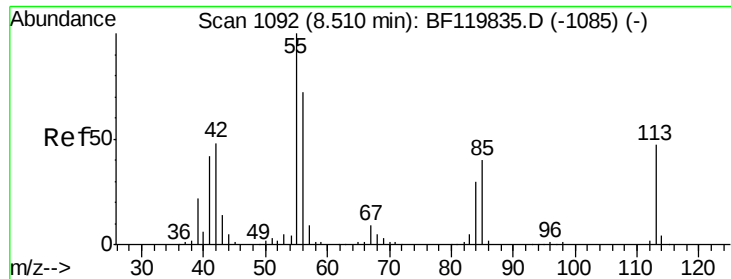
mohammad
4/24/2020 4:17:50 AM



#34
Hexachlorobutadiene
Concen: 42.77 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.3	51.0	76.6
227	64.1	50.7	76.1





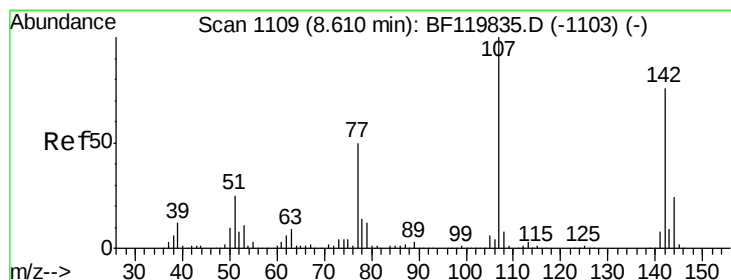
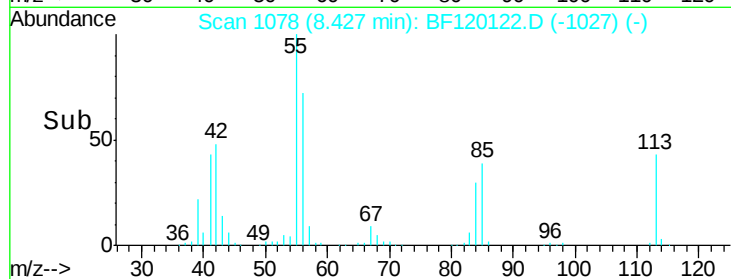
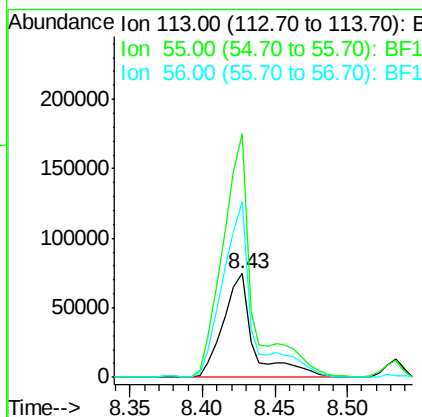
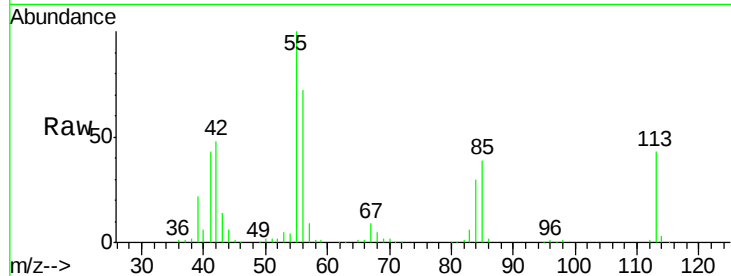
#35
 Caprolactam
 Concen: 43.26 ng m
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
113	100		
55	235.0	218.4	258.4
56	169.5	148.9	188.9

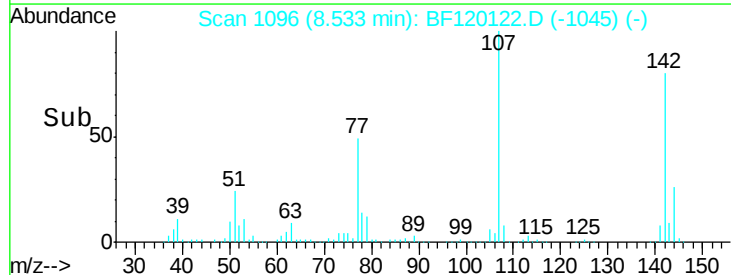
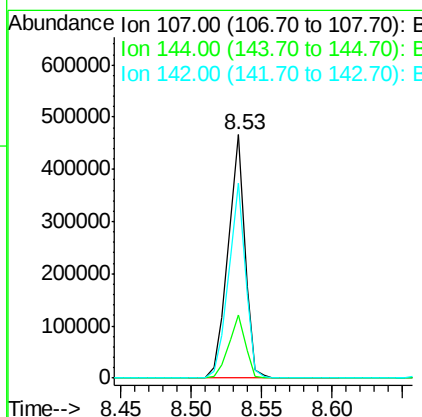
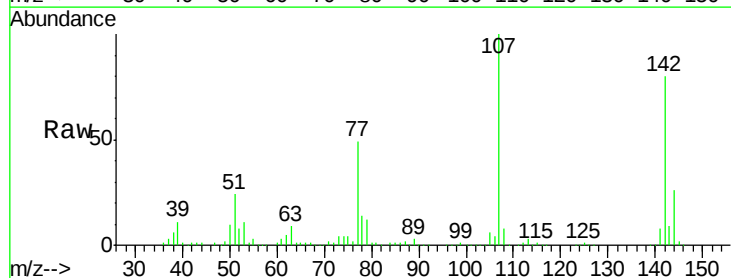
Manual Integrations
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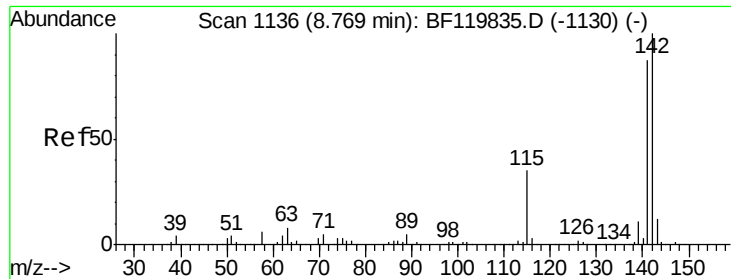
mohammad
 4/24/2020 4:17:50 AM



#36
 4-Chloro-3-methylphenol
 Concen: 43.55 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.6
142	80.1	64.4	96.6





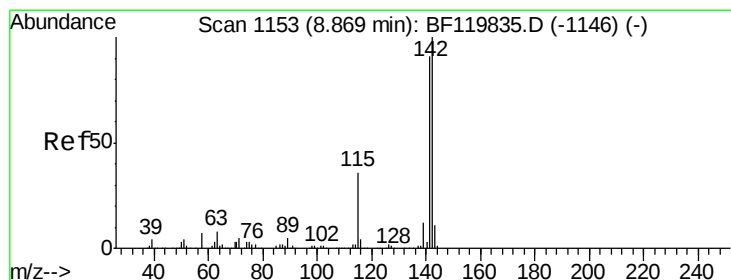
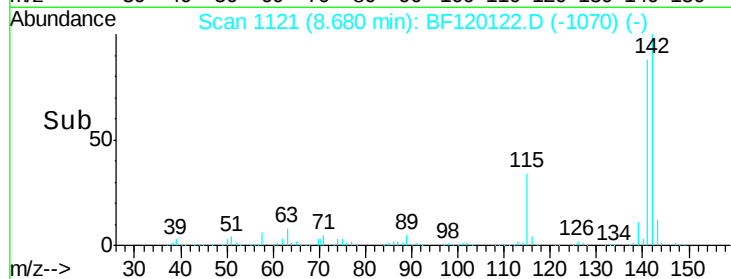
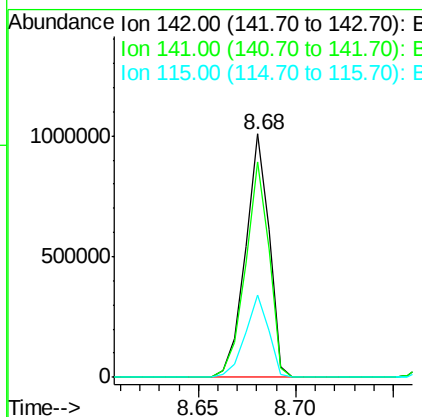
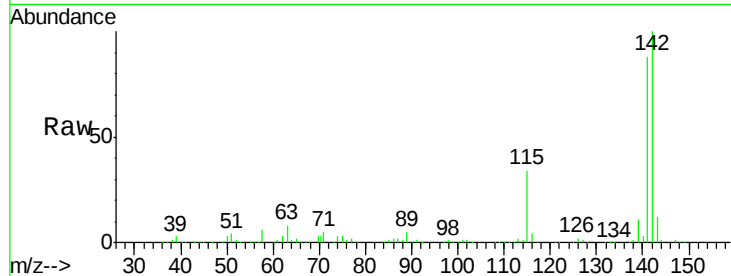
#37
2-Methylnaphthalene
Concen: 42.96 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.7	107.5
115	33.9	27.9	41.9

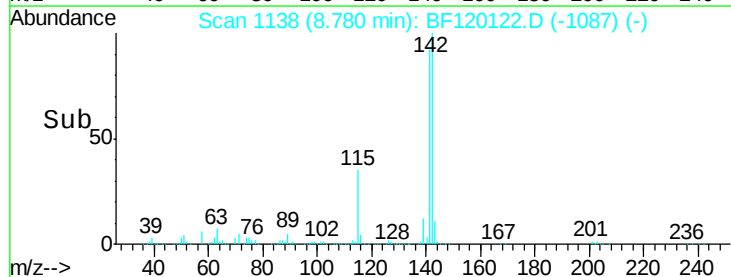
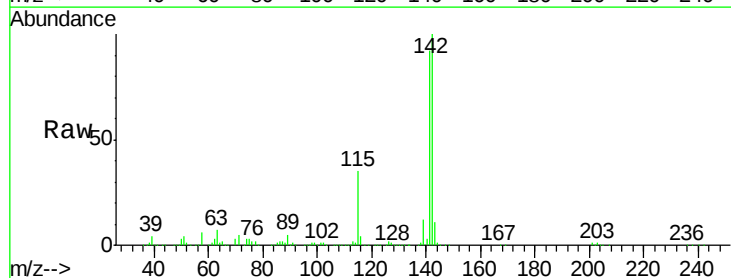
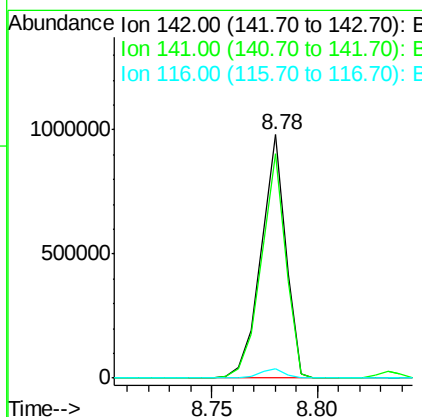
Manual Integrations
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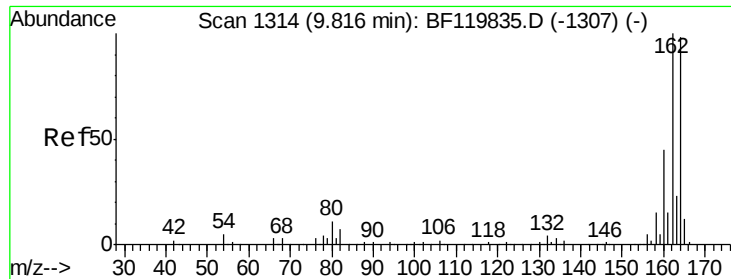
mohammad
4/24/2020 4:17:50 AM



#38
1-Methylnaphthalene
Concen: 43.01 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.7	110.5
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF120122.D

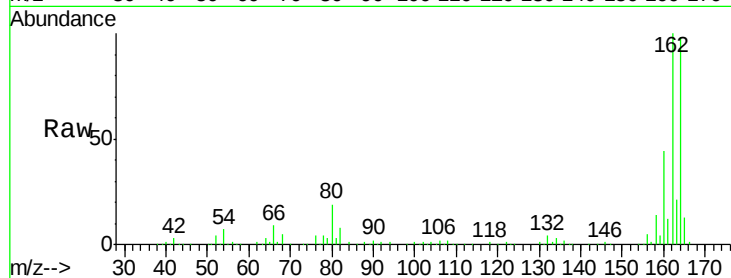
Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 268235

Ion Ratio Lower Upper

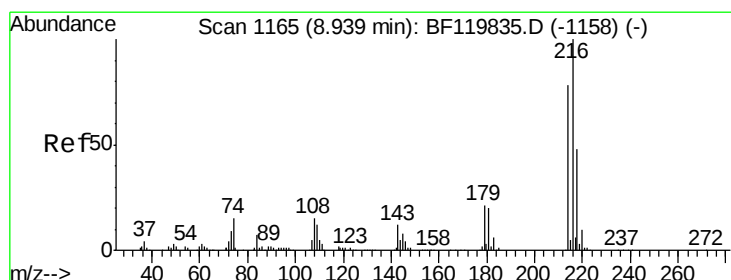
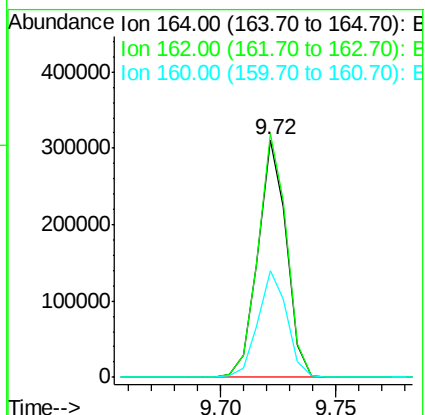
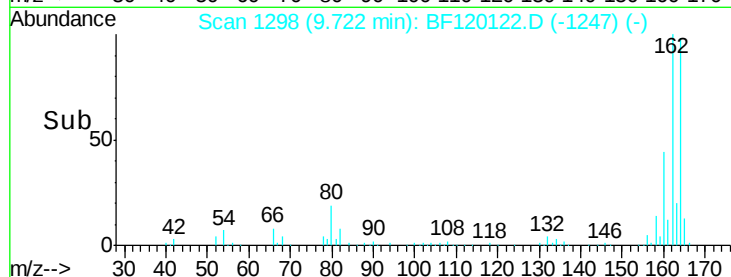
164 100

162 102.4 80.6 121.0

160 44.9 35.7 53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.38 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Tgt Ion:216 Resp: 392893

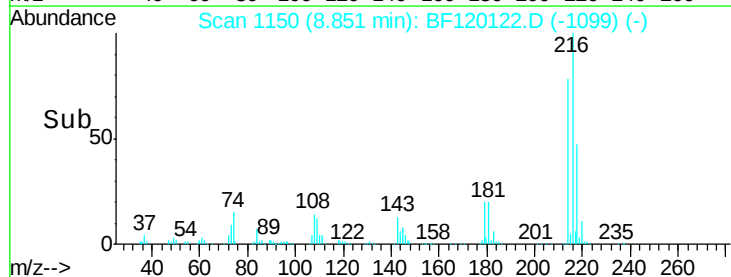
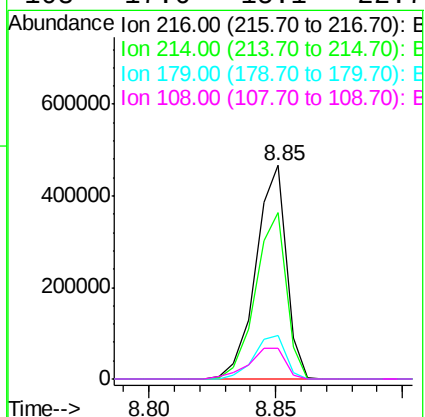
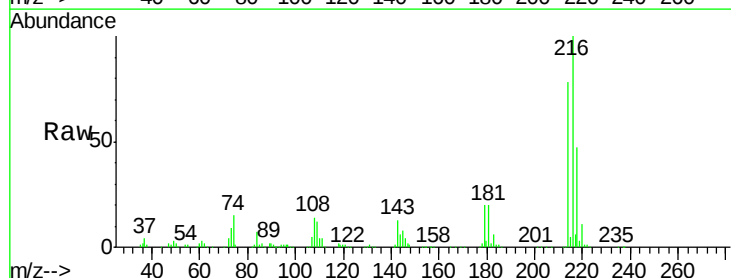
Ion Ratio Lower Upper

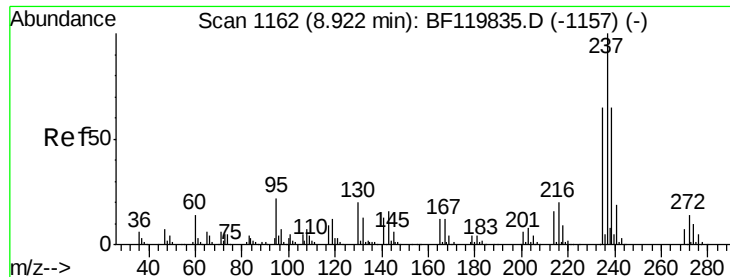
216 100

214 78.5 63.2 94.8

179 21.3 17.1 25.7

108 17.6 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 38.77 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

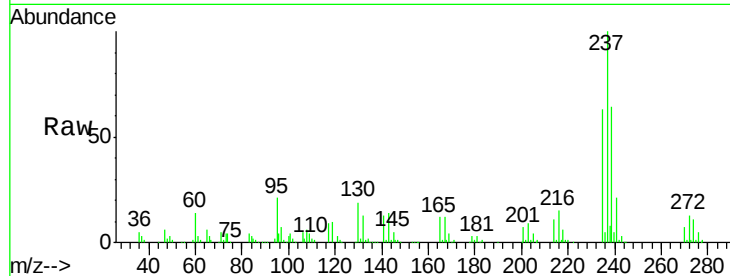
ClientSampleId :

SSTDCCC040

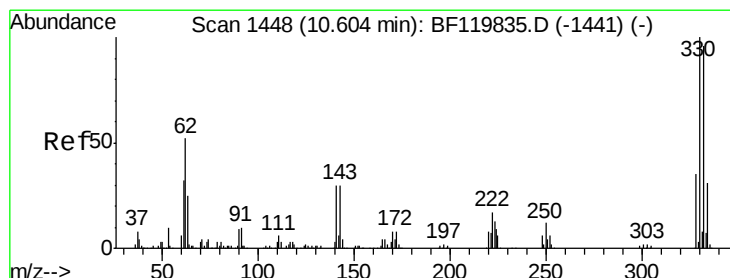
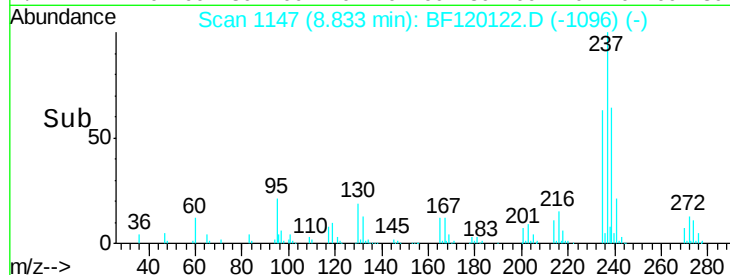
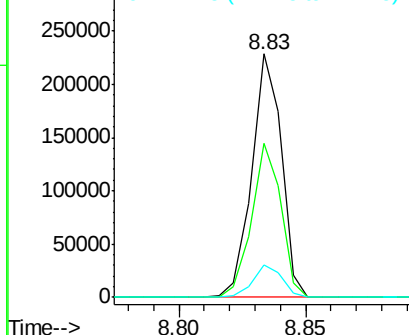
Tgt Ion:	237	Resp:	186765
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.2	83.2
272	13.3	0.0	34.1

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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: 80.29 ng

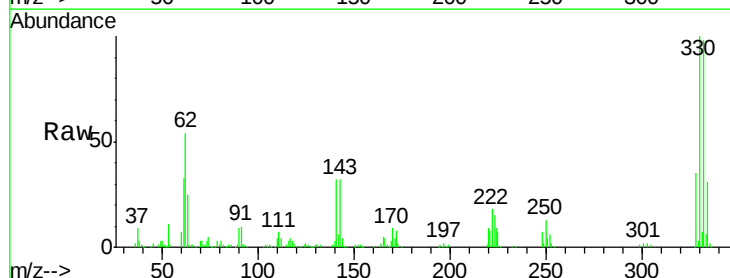
RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

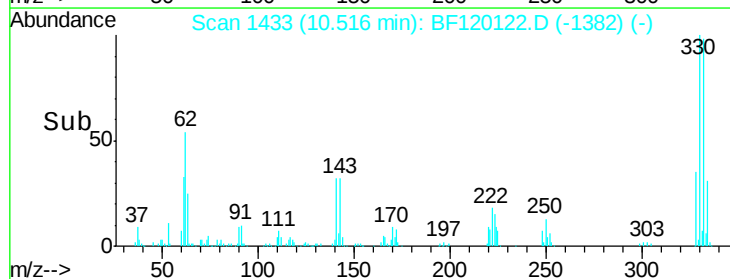
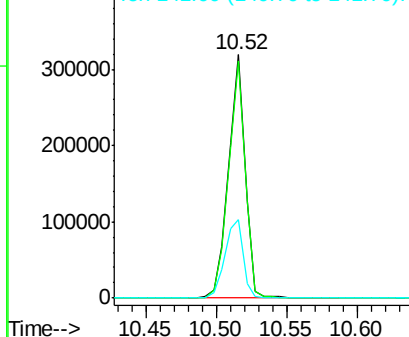
Lab File: BF120122.D

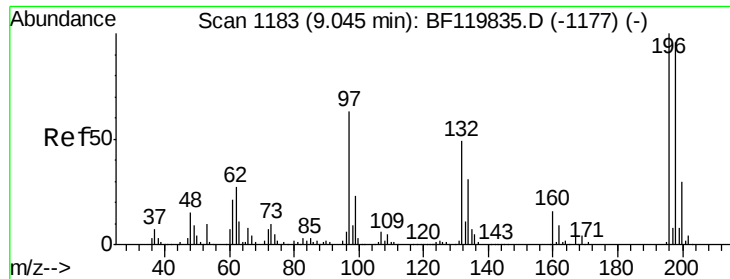
Acq: 22 Apr 2020 11:11

Tgt Ion:	330	Resp:	263696
Ion Ratio	Lower	Upper	
330	100		
332	97.8	75.7	113.5
141	35.4	25.4	38.0



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





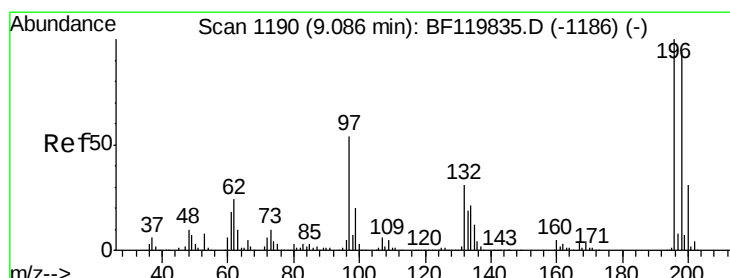
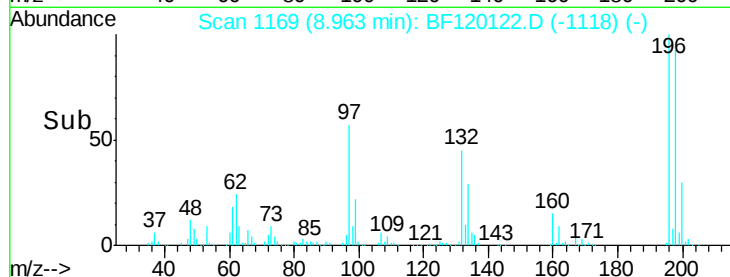
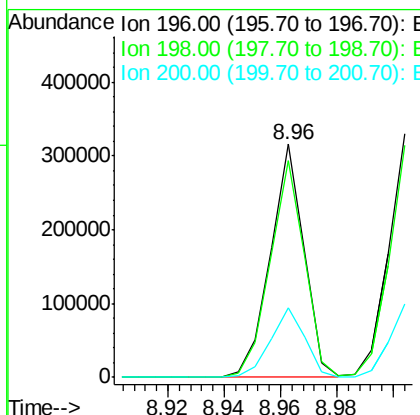
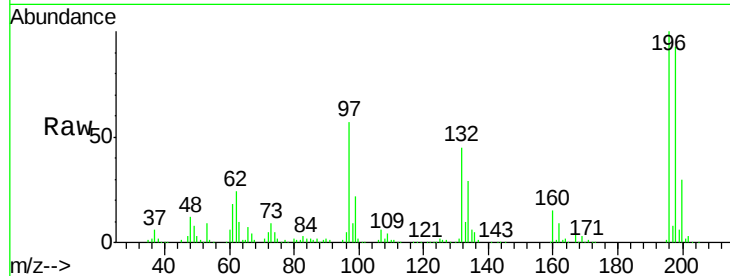
#43
 2,4,6-Trichlorophenol
 Concen: 44.61 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260977		
198	93.2	76.6	115.0	
200	30.0	24.6	36.8	

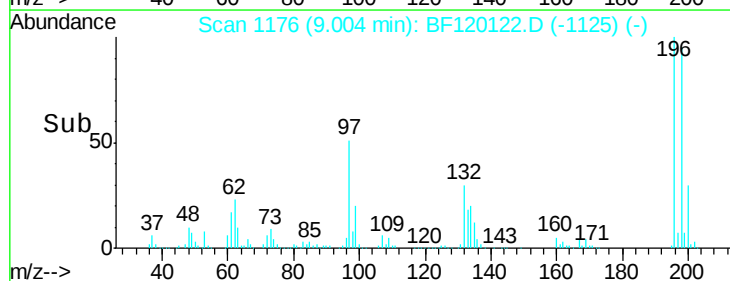
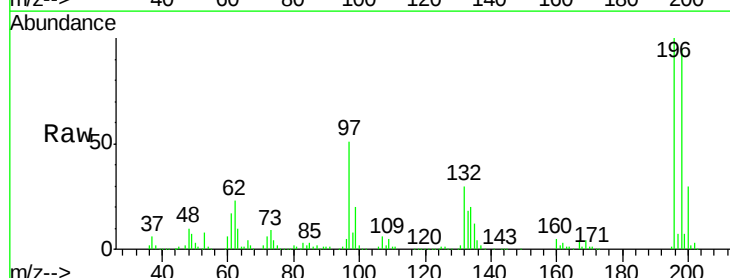
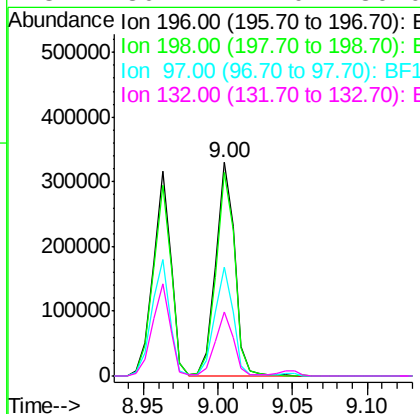
Manual Integrations
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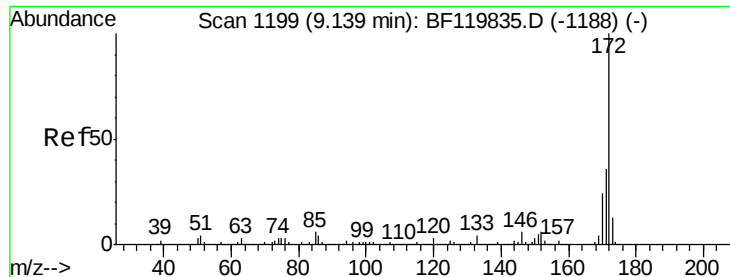
mohammad
 4/24/2020 4:17:50 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.42 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292701		
198	95.1	73.8	110.8	
97	51.2	42.6	63.8	
132	30.1	24.0	36.0	





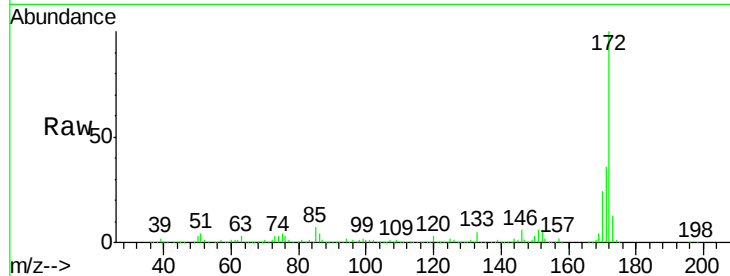
#45
2-Fluorobiphenyl
Concen: 92.06 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

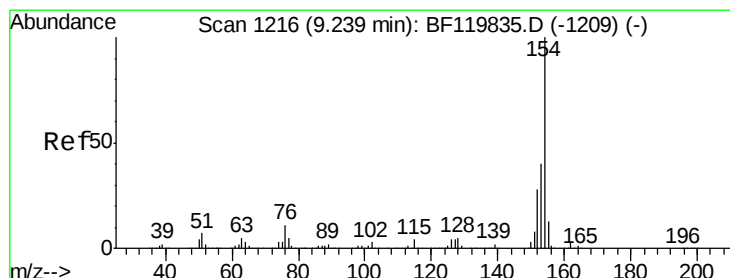
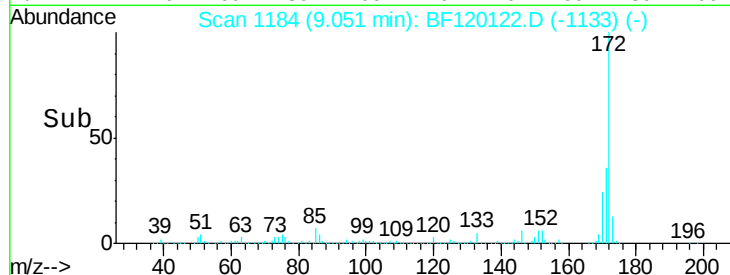
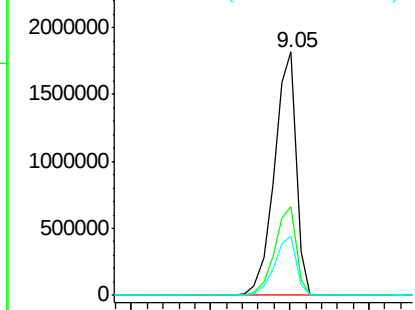
Tgt Ion:172 Resp: 1739342
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.4 20.2 30.2

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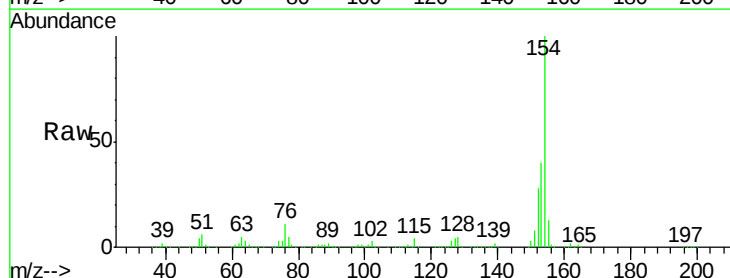


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

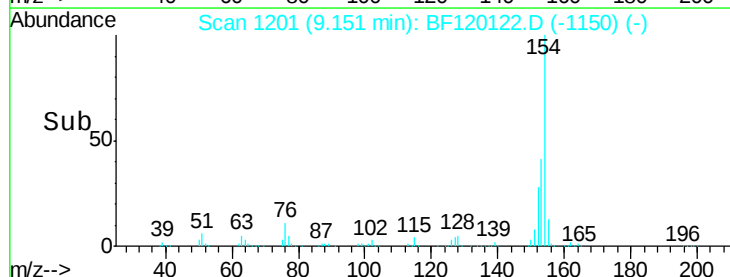
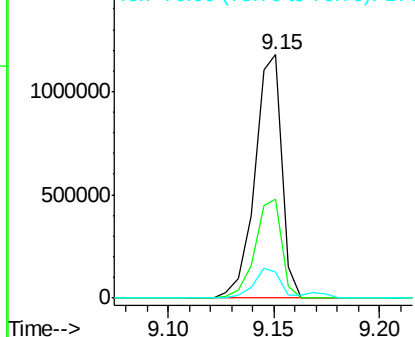


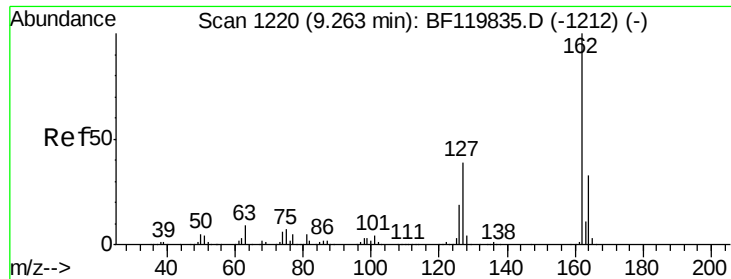
#46
1,1'-Biphenyl
Concen: 46.05 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion:154 Resp: 1042657
Ion Ratio Lower Upper
154 100
153 40.5 21.4 61.4
76 10.8 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





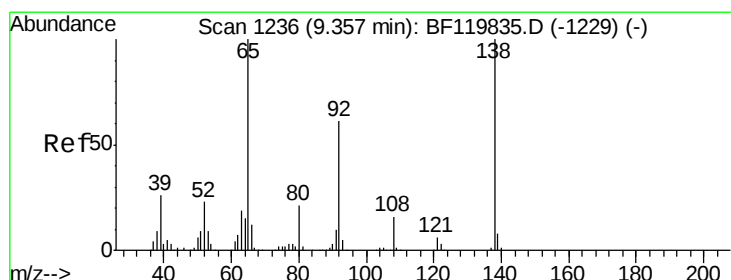
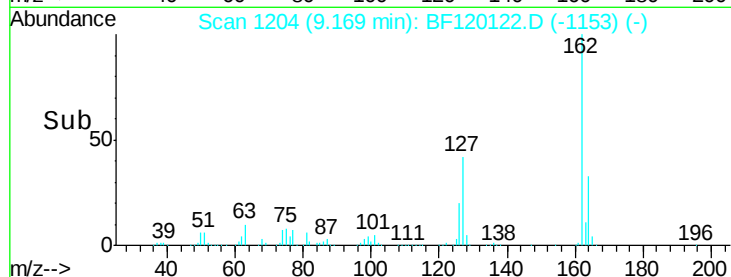
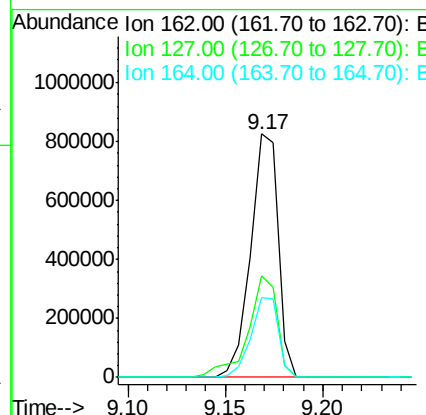
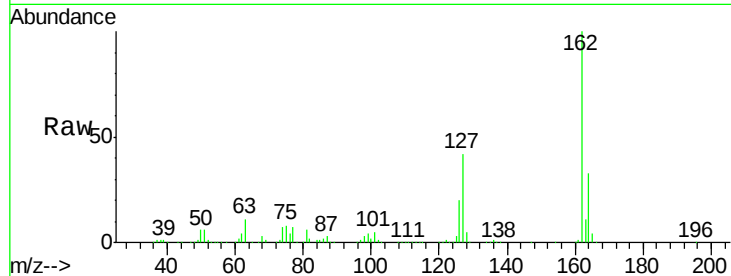
#47
 2-Chloronaphthalene
 Concen: 46.41 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.7	50.5
164	32.8	26.3	39.5

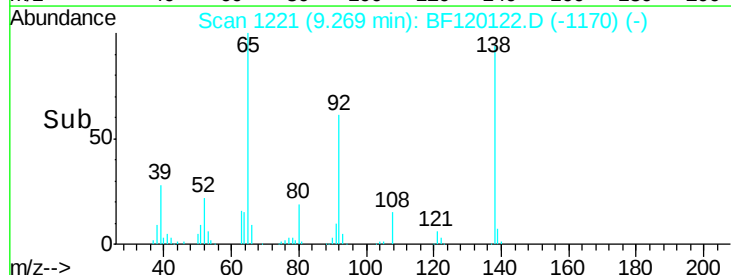
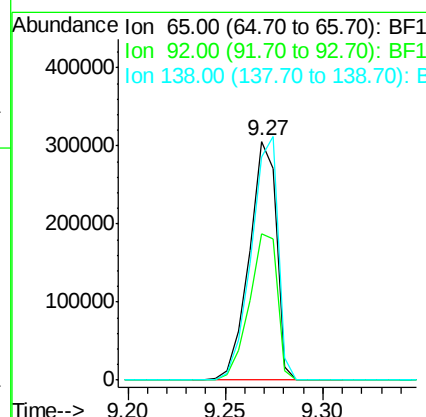
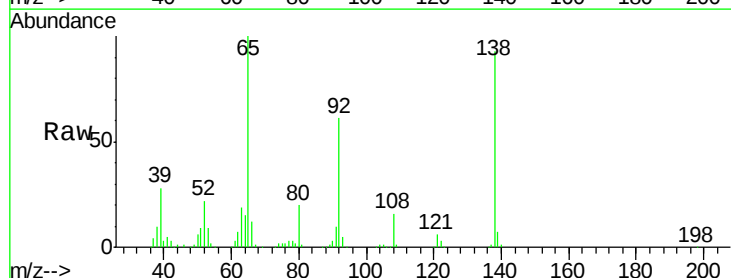
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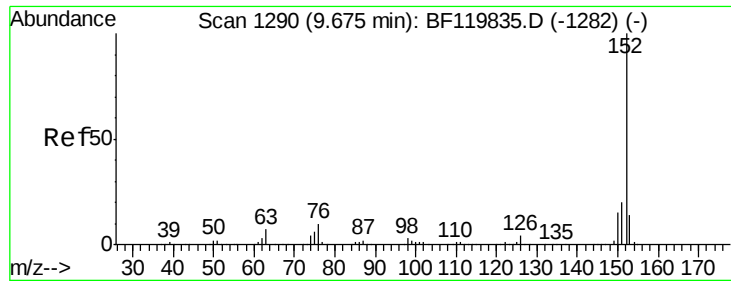
mohammad
 4/24/2020 4:17:50 AM



#48
 2-Nitroaniline
 Concen: 46.85 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	50.0	75.0
138	93.2	75.0	112.4





#49

Acenaphthylene

Concen: 45.37 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

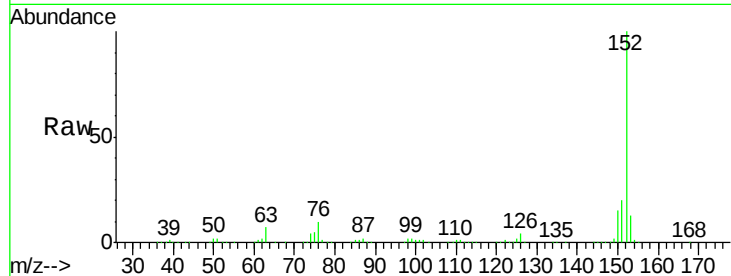
ClientSampleId :

SSTDCCC040

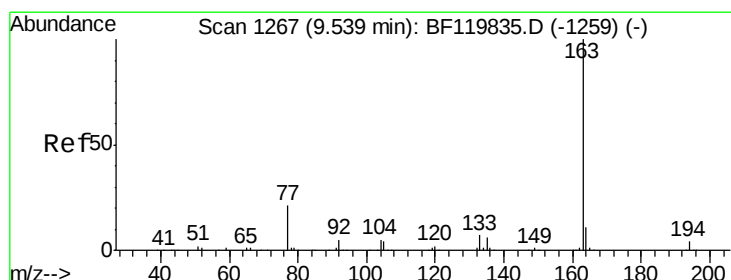
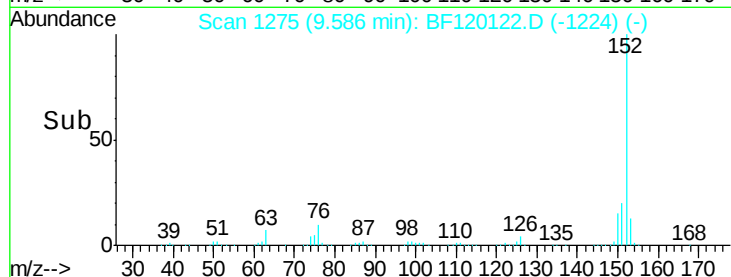
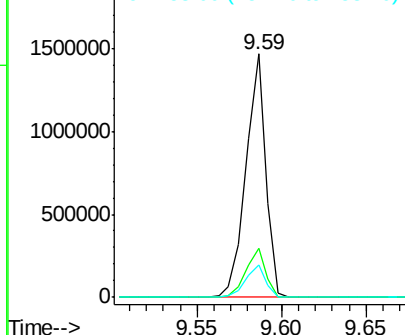
Tgt Ion:	152	Resp:	1203473
Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	13.3	11.2	16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.84 ng

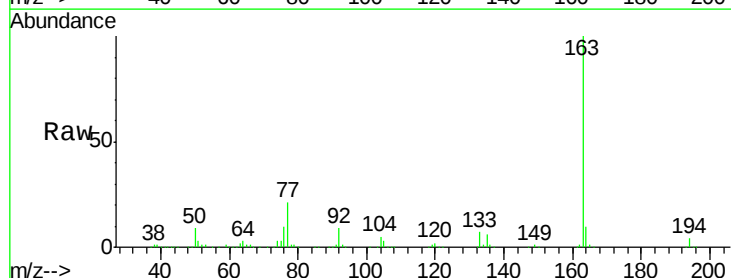
RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

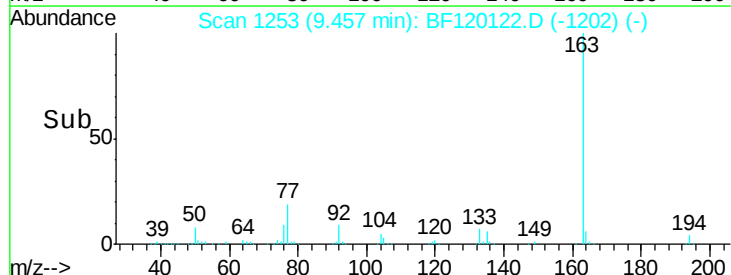
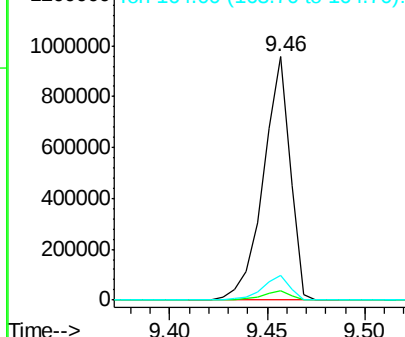
Lab File: BF120122.D

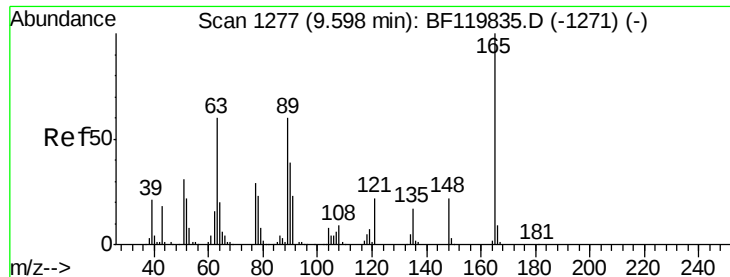
Acq: 22 Apr 2020 11:11

Tgt Ion:	163	Resp:	909664
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.9	8.2	12.2



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





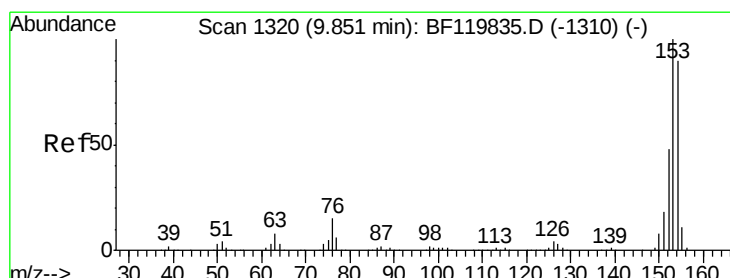
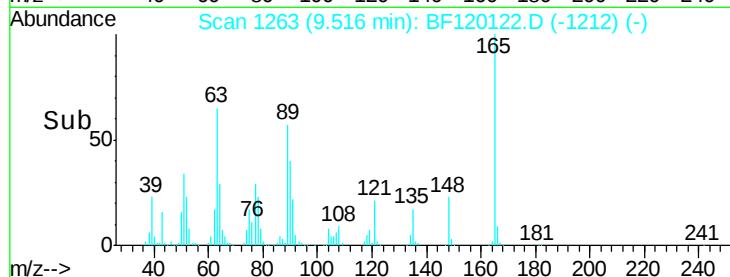
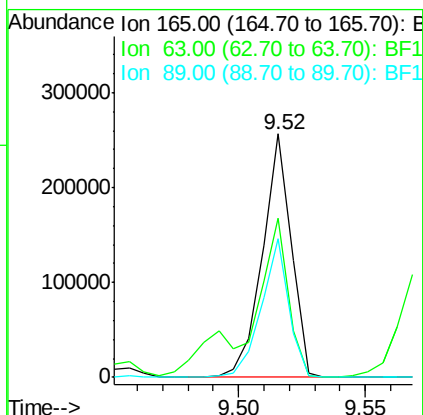
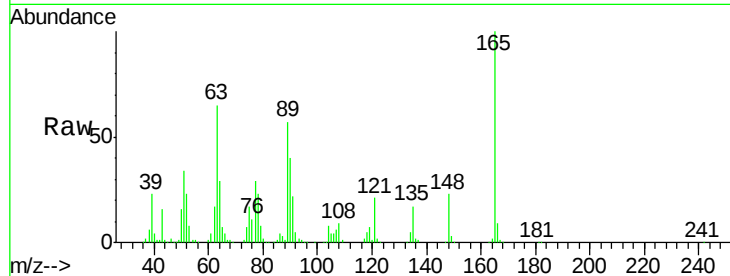
#51
 2,6-Dinitrotoluene
 Concen: 44.74 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	165	Resp:	203267
Ion Ratio	Lower	Upper	
165	100		
63	65.1	45.0	67.4
89	57.0	41.5	62.3

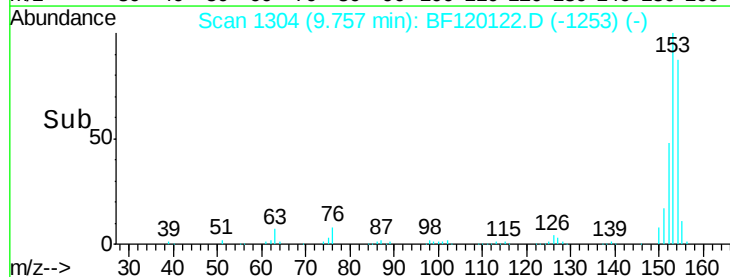
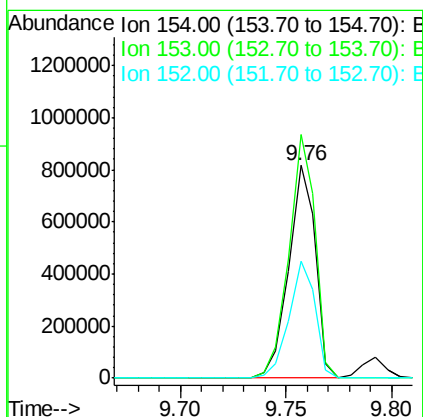
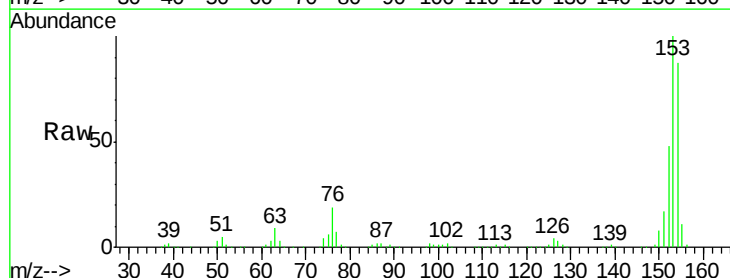
Manual Integrations
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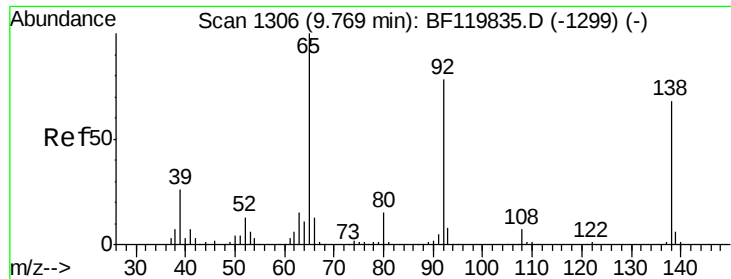
mohammad
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#52
 Acenaphthene
 Concen: 40.88 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion:	154	Resp:	723367
Ion Ratio	Lower	Upper	
154	100		
153	114.5	88.1	132.1
152	54.8	43.0	64.4





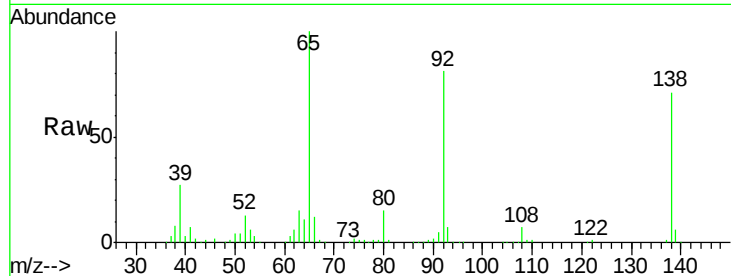
#53
 3-Nitroaniline
 Concen: 45.94 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

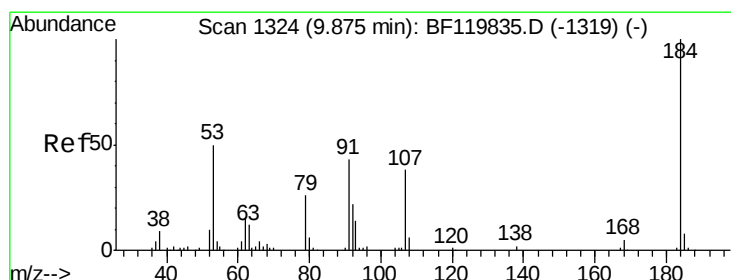
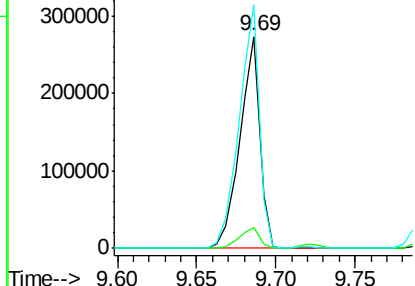
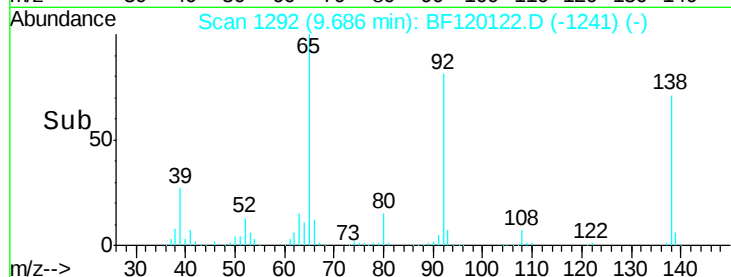
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	238406		
108	9.6	8.6	13.0	
92	114.8	95.4	143.0	

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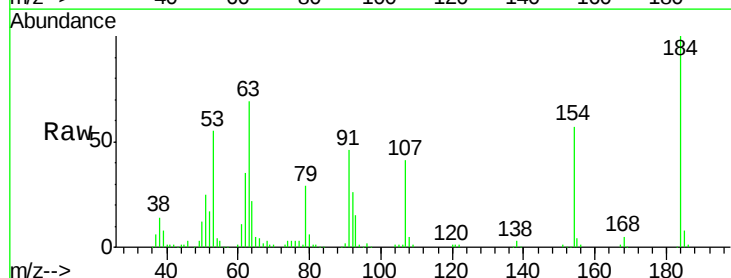


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

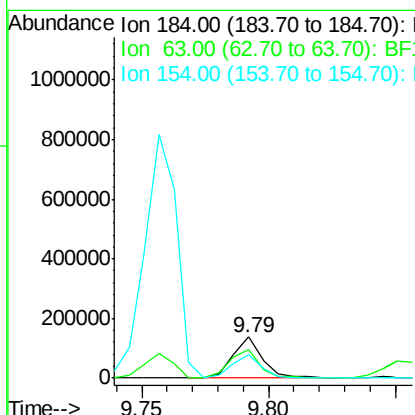
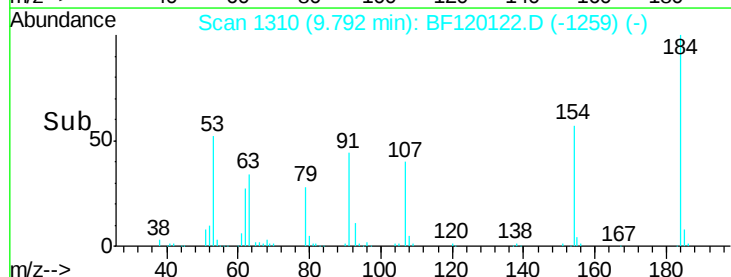


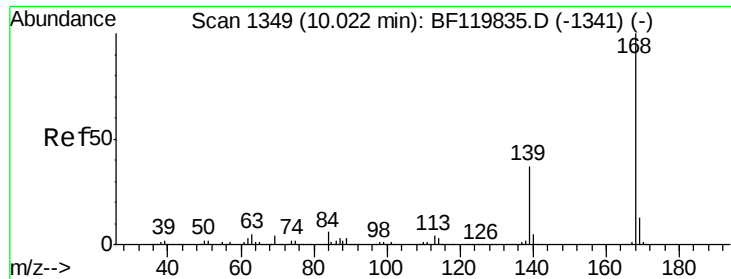
#54
 2,4-Dinitrophenol
 Concen: 40.83 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	111064		
63	69.1	50.2	75.4	
154	56.8	44.5	66.7	



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





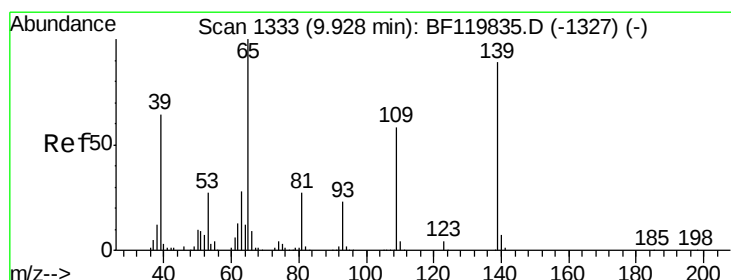
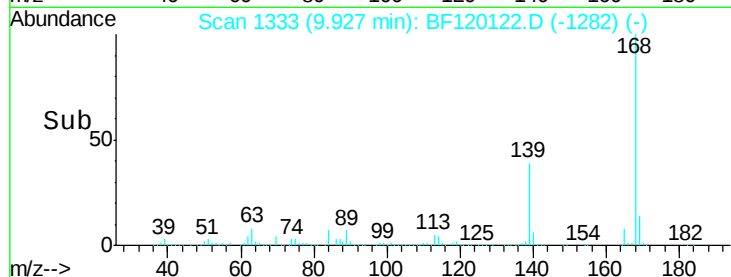
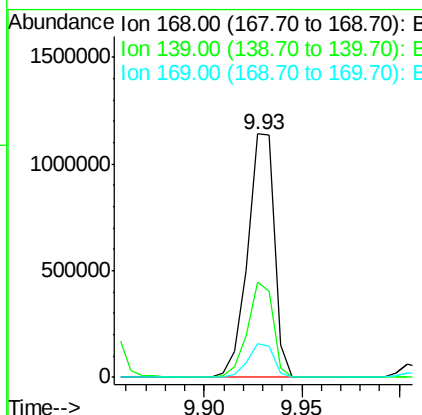
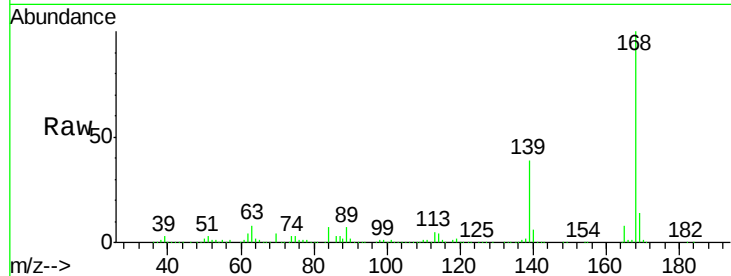
#55
Dibenzofuran
Concen: 44.73 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	13.9	11.0	16.6

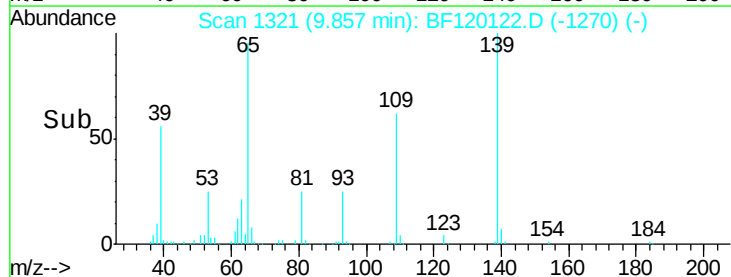
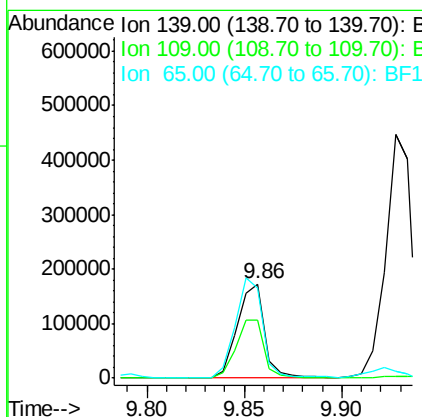
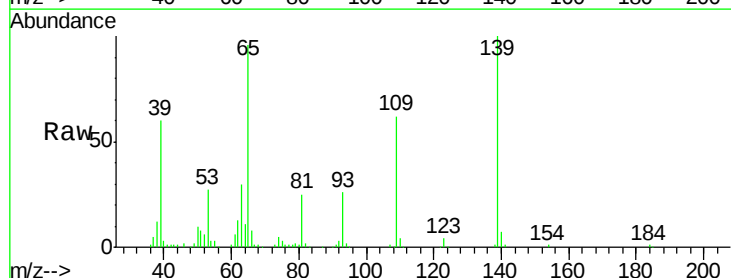
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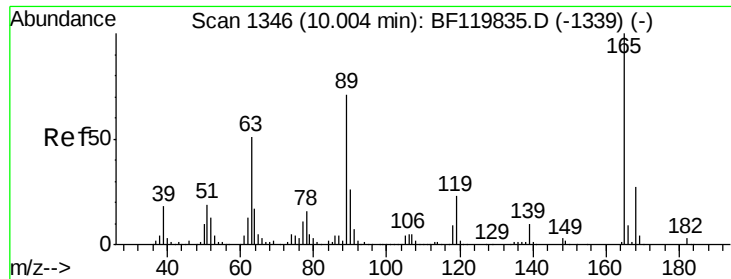
mohammad
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#56
4-Nitrophenol
Concen: 43.58 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.6	43.3	83.3
65	95.8	91.0	131.0





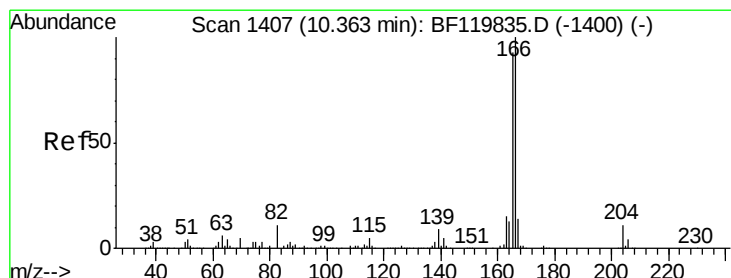
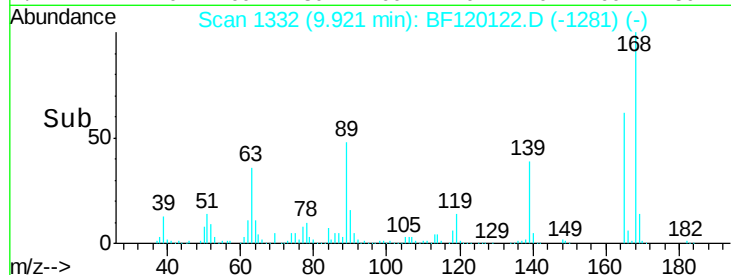
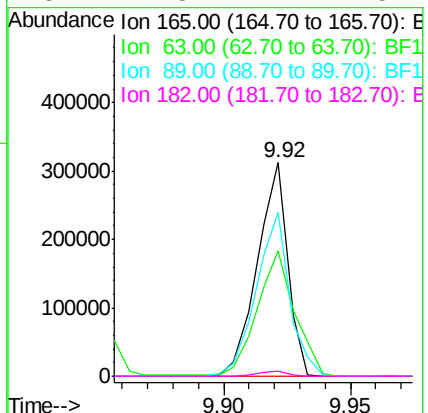
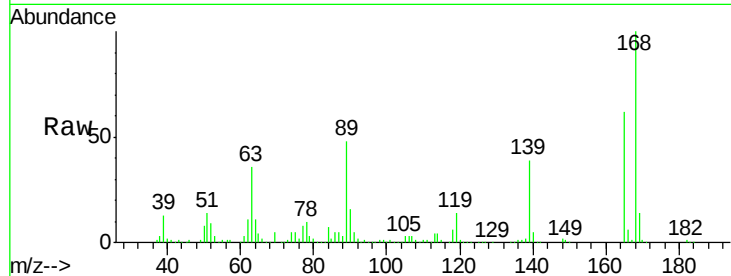
#57
 2,4-Dinitrotoluene
 Concen: 43.71 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	261641		
63	58.6	42.6	64.0	
89	76.5	61.0	91.4	
182	2.3	2.2	3.2	

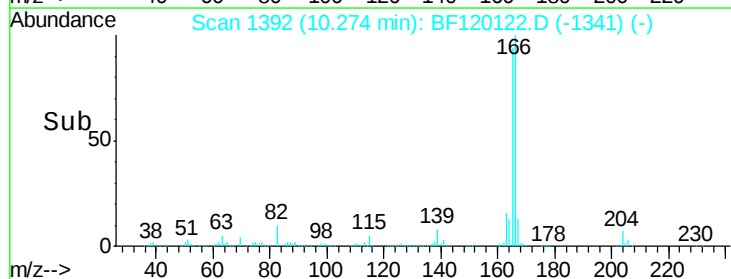
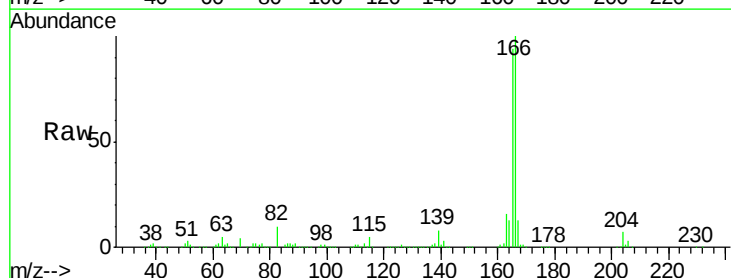
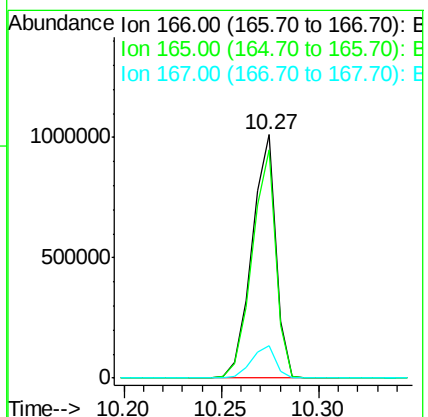
Manual Integrations
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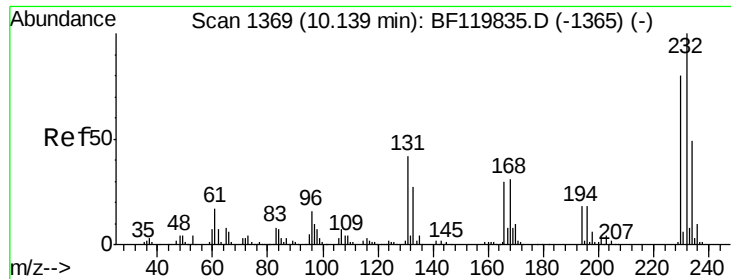
mohammad
 4/24/2020 4:17:50 AM



#58
 Fluorene
 Concen: 44.11 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	856568		
165	93.6	75.4	113.2	
167	13.4	11.2	16.8	





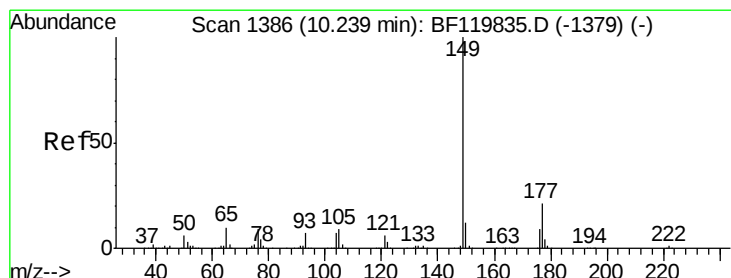
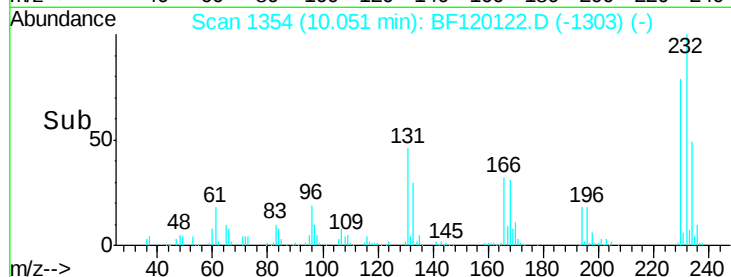
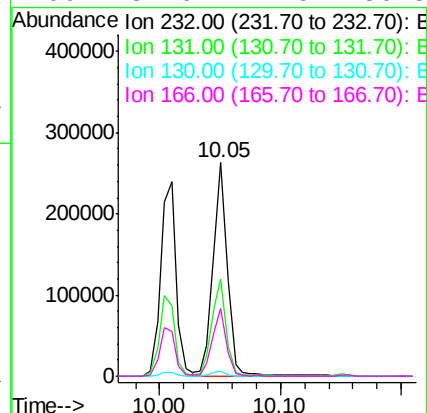
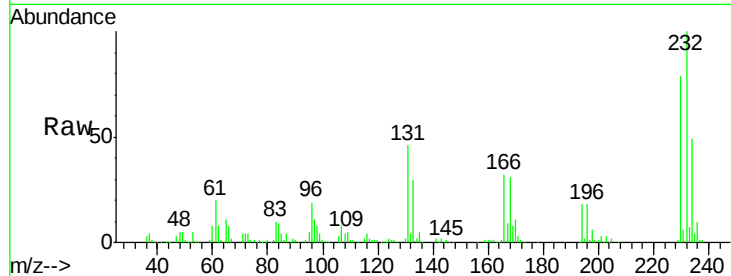
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.30 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	218206		
131	45.2	37.5	56.3	
130	2.2	1.8	2.6	
166	31.6	24.6	36.8	

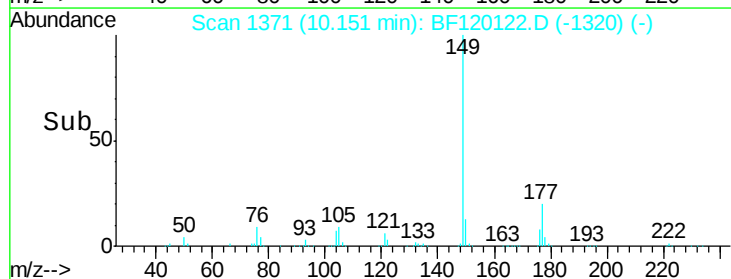
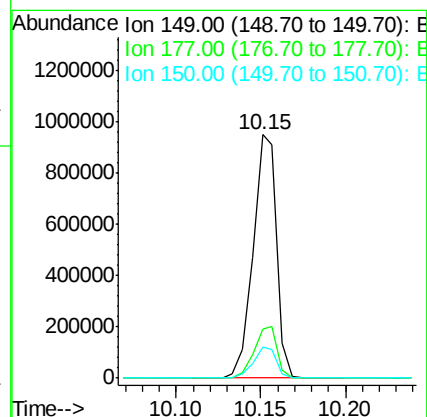
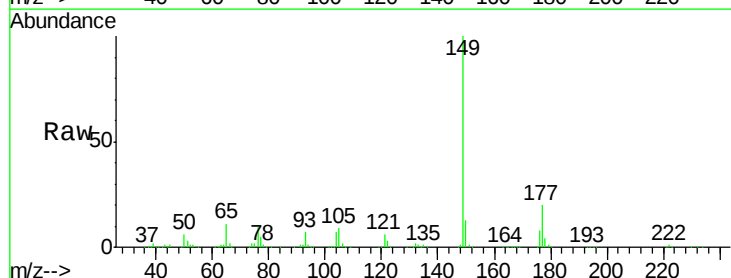
Manual Integrations
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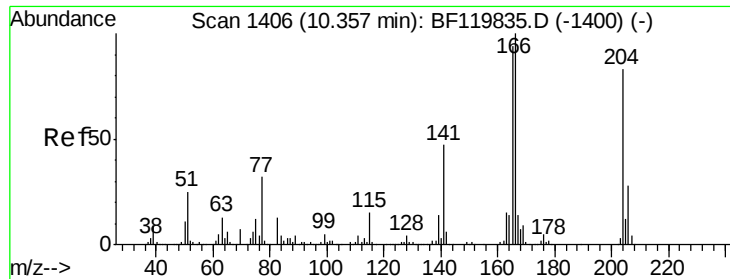
mohammad
4/24/2020 4:17:50 AM



#60
Diethylphthalate
Concen: 42.90 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	922488		
177	20.2	17.0	25.6	
150	13.0	10.1	15.1	





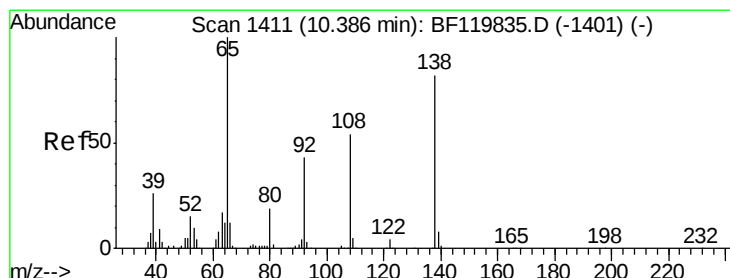
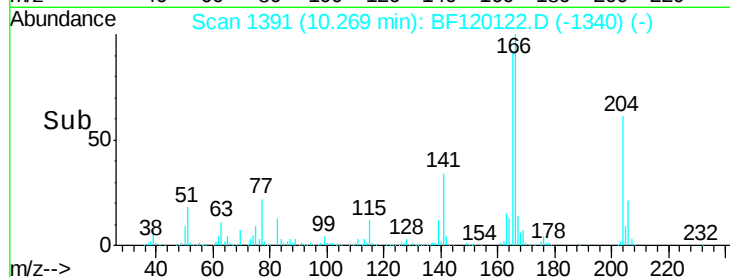
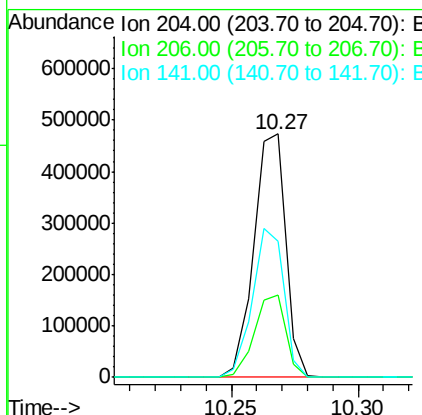
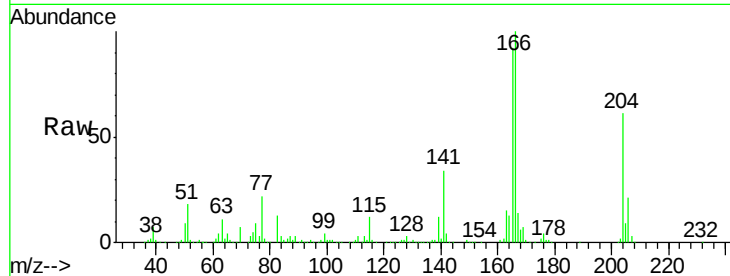
#61
 4-Chlorophenyl-phenylether
 Concen: 41.94 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	417368		
206	34.0	26.7	40.1	
141	56.0	47.3	70.9	

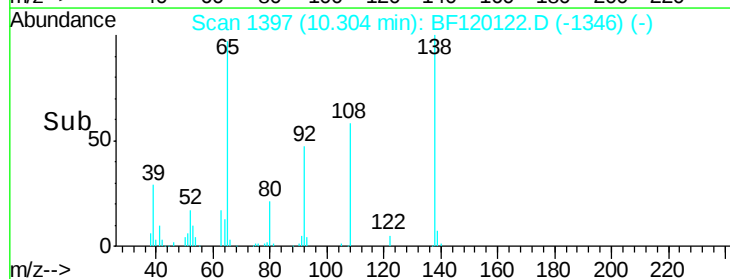
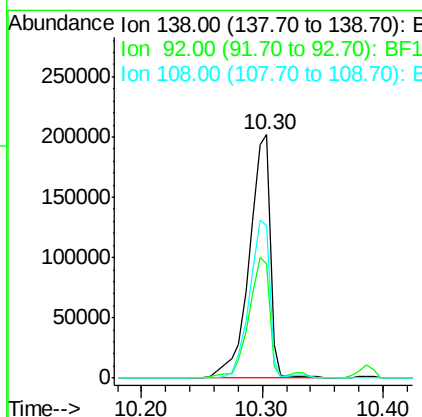
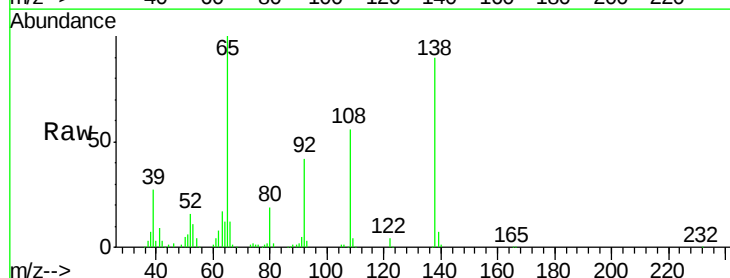
Manual Integrations
 APPROVED

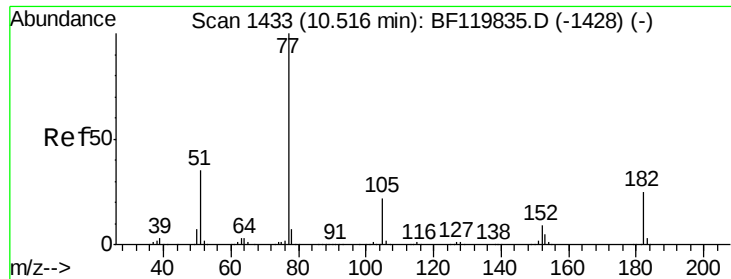
mohammad
 4/24/2020 4:17:50 AM



#62
 4-Nitroaniline
 Concen: 49.92 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	246864		
92	46.8	31.5	71.5	
108	62.6	45.8	85.8	





#63

Azobenzene

Concen: 44.85 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

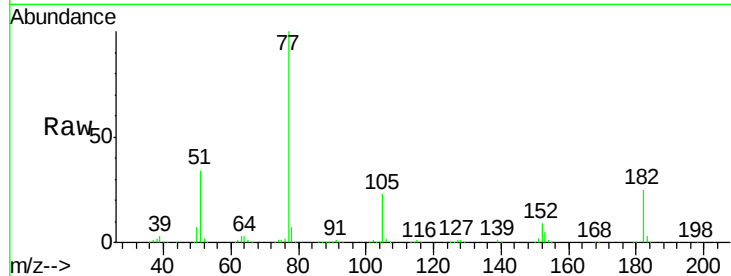
ClientSampleId :

SSTDCCC040

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.6	4.4	44.4	
105	22.7	2.6	42.6	
51	34.2	15.1	55.1	

Manual Integrations
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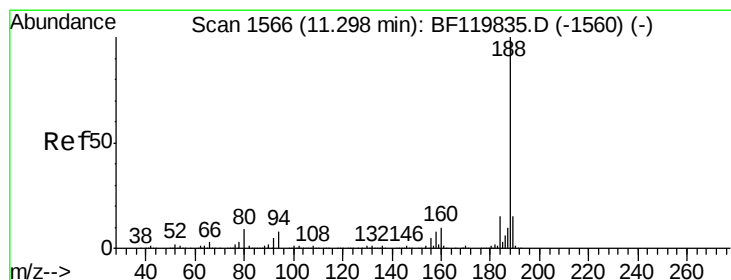
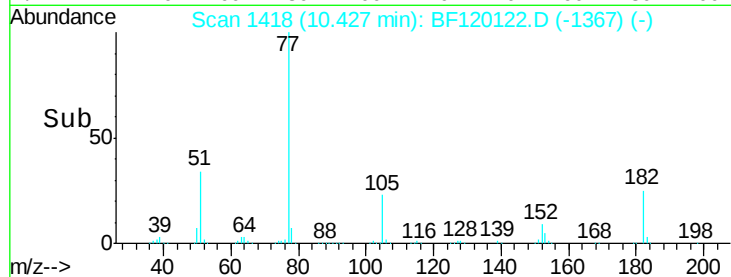
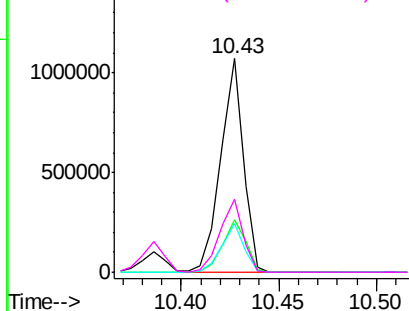


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

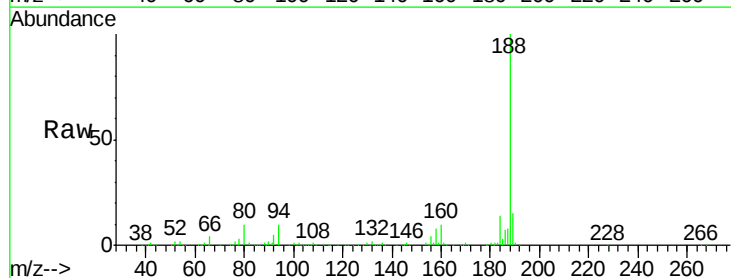
RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

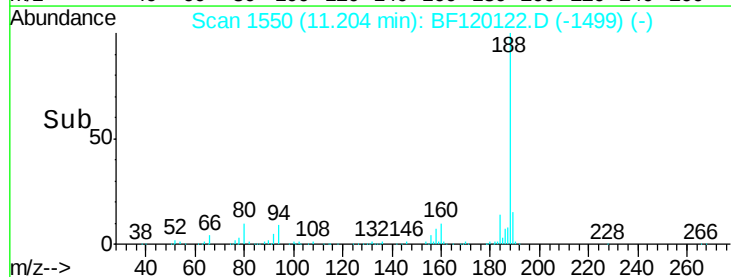
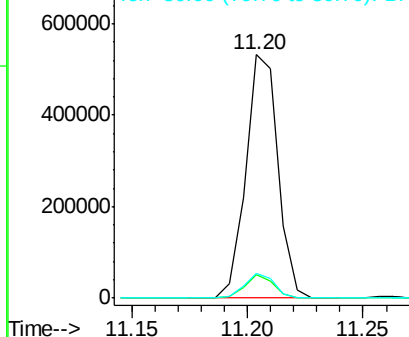
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	7.5	11.3	
80	10.2	9.0	13.4	

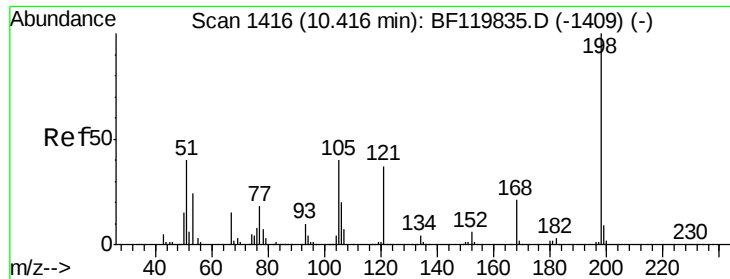


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.99 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

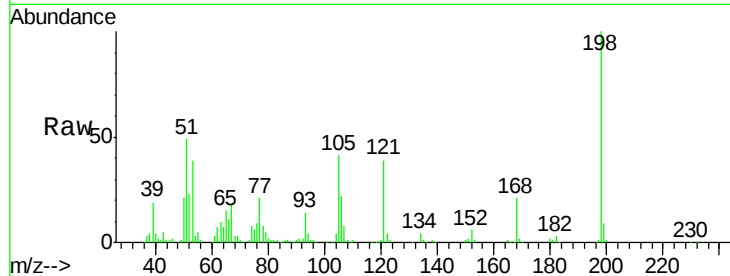
ClientSampleId :

SSTDCCC040

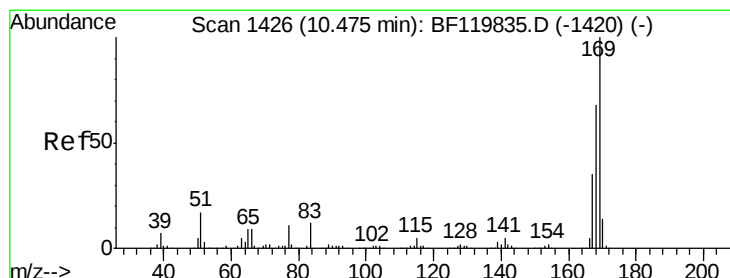
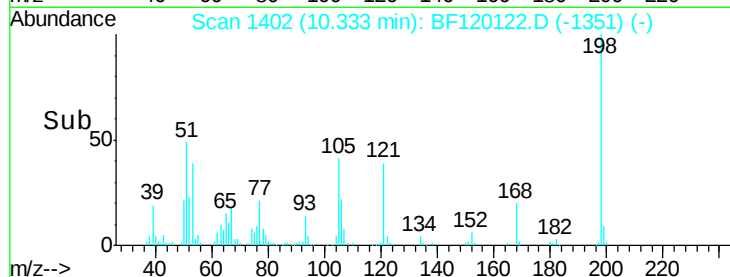
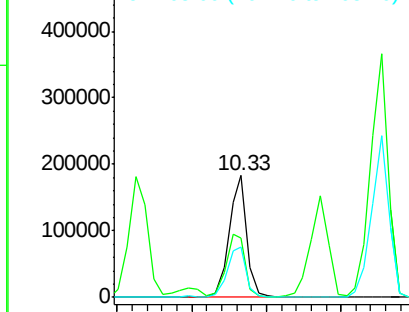
Tgt Ion:	198	Resp:	153473
Ion Ratio	Lower	Upper	
198	100		
51	48.7	29.0	69.0
105	41.3	22.2	62.2

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.42 ng

RT: 10.39 min Scan# 1411

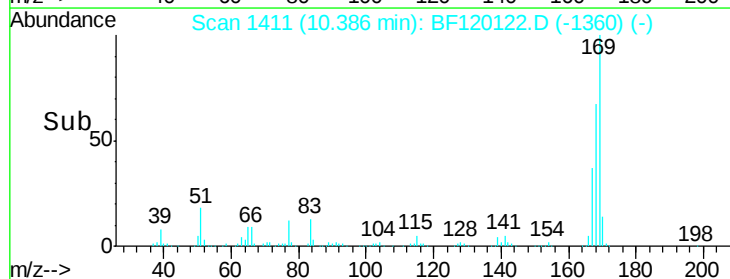
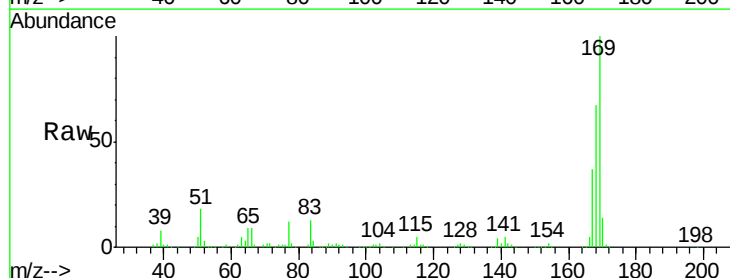
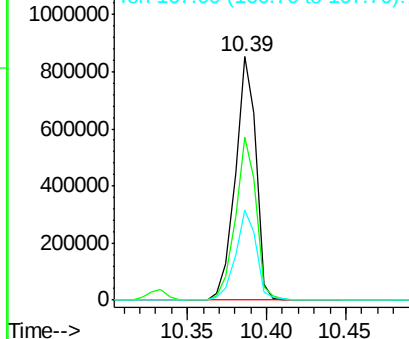
Delta R.T. 0.00 min

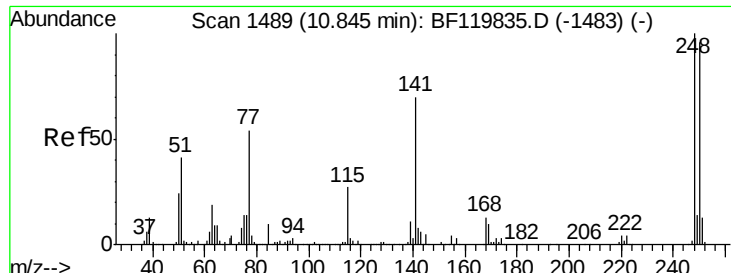
Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Tgt Ion:	169	Resp:	764900
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.2	79.8
167	36.8	29.1	43.7

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





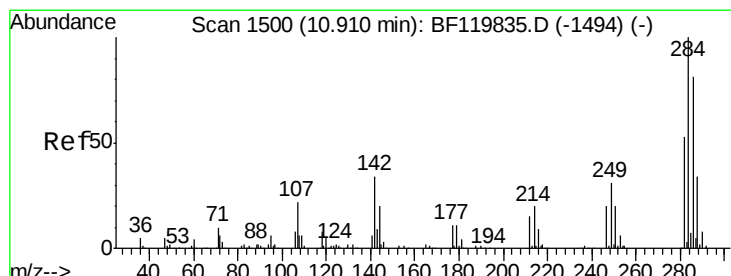
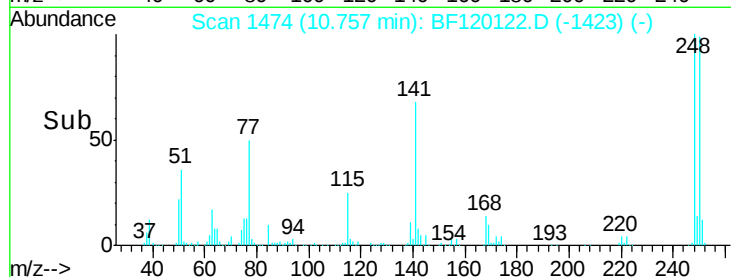
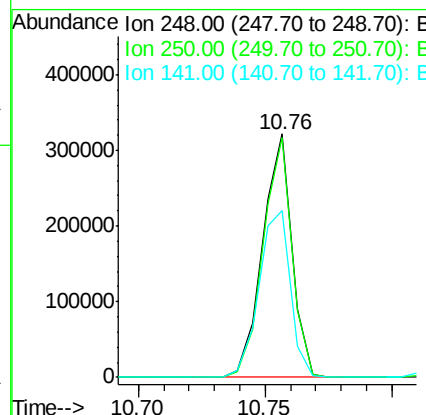
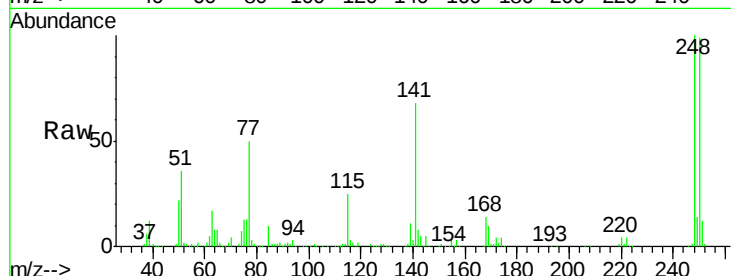
#67
 4-Bromophenyl-phenylether
 Concen: 40.04 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.3	115.9
141	68.3	58.6	87.8

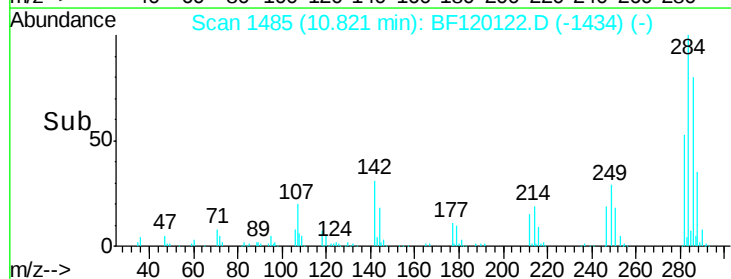
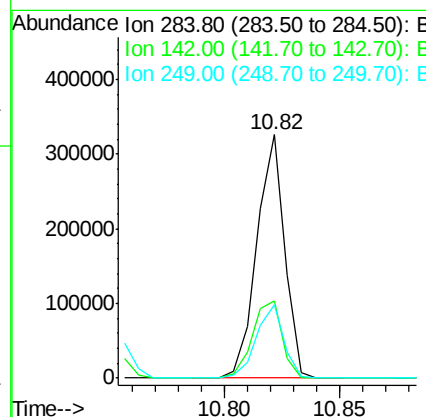
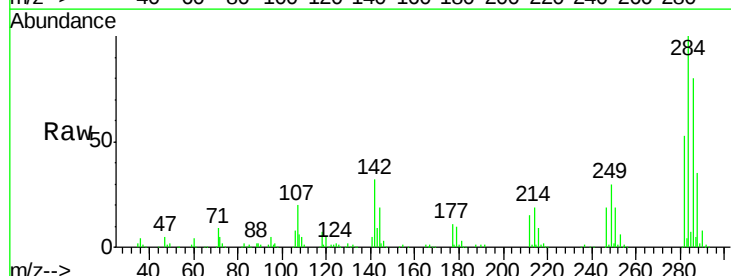
Manual Integrations
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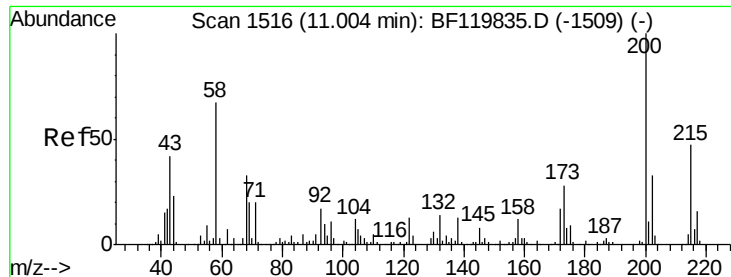
mohammad
 4/24/2020 4:17:50 AM



#68
 Hexachlorobenzene
 Concen: 41.89 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	29.2	43.8
249	30.0	25.1	37.7





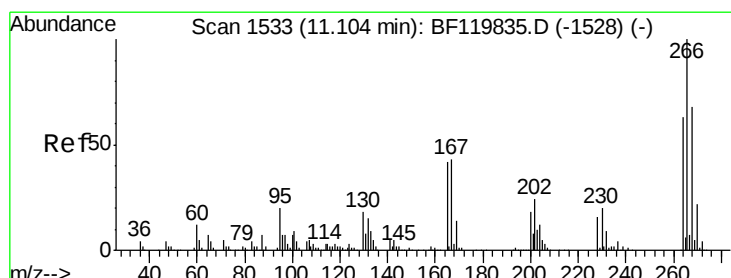
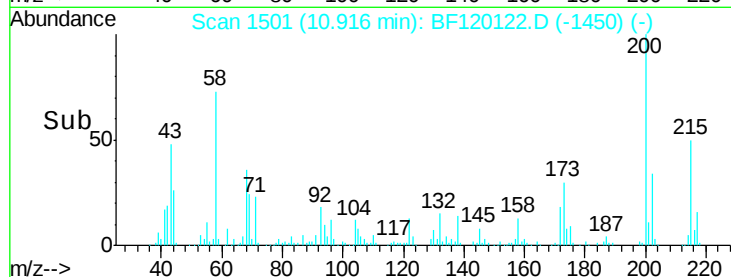
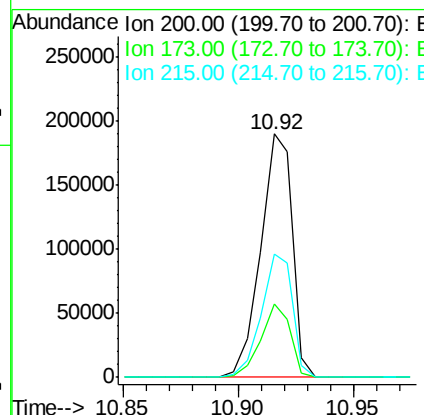
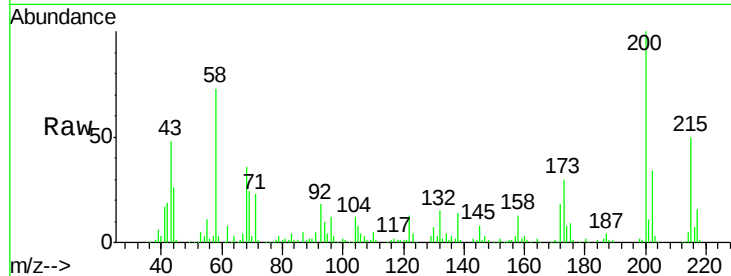
#69
Atrazine
Concen: 37.84 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	181287		
173	29.9	9.3	49.3	
215	50.4	29.5	69.5	

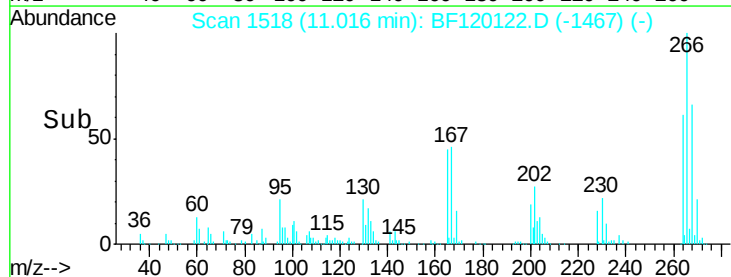
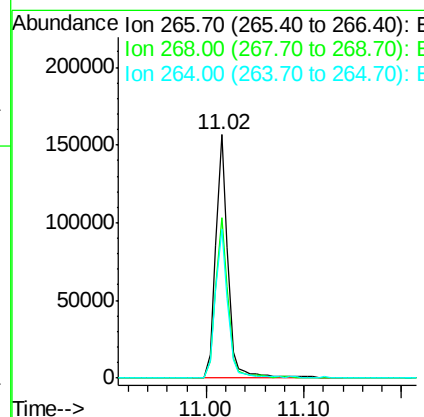
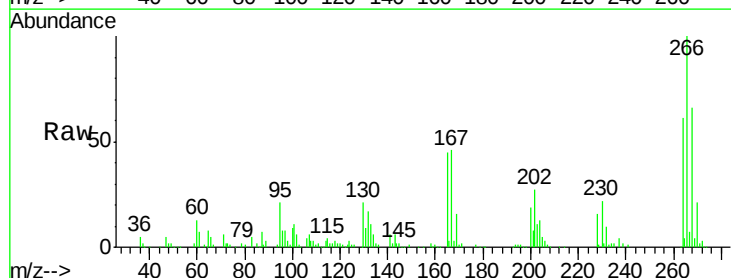
Manual Integrations
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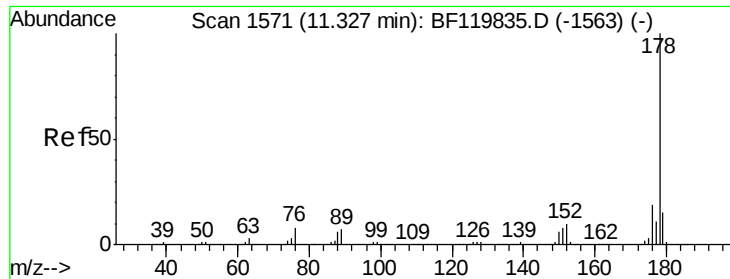
mohammad
4/24/2020 4:17:50 AM



#70
Pentachlorophenol
Concen: 36.45 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	137200		
268	65.9	53.3	79.9	
264	61.2	49.0	73.4	





#71

Phenanthrene

Concen: 44.77 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1233654

Ion Ratio Lower Upper

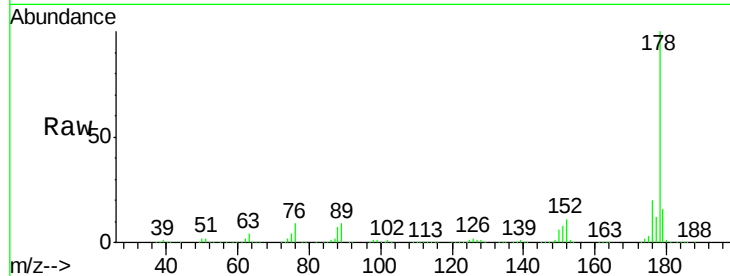
178 100

176 19.5 16.2 24.4

179 16.0 13.2 19.8

Manual Integrations
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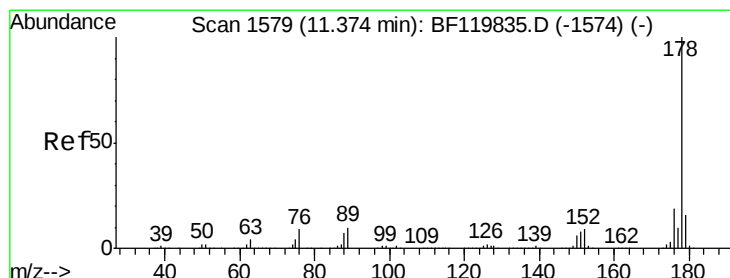
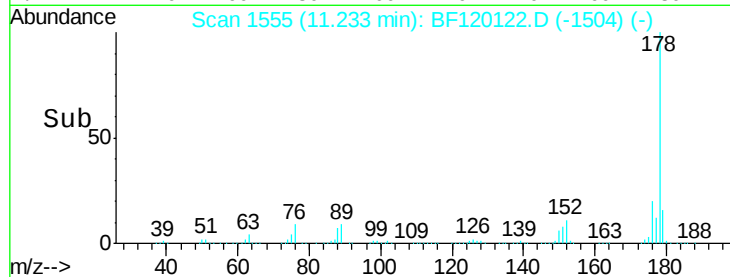
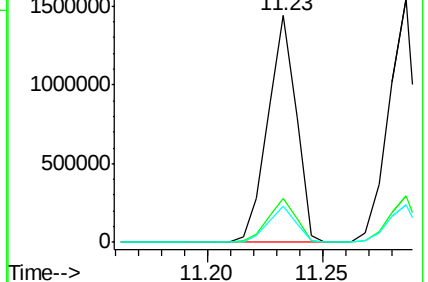
mohammad
4/24/2020 4:17:50 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.96 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Tgt Ion:178 Resp: 1237532

Ion Ratio Lower Upper

178 100

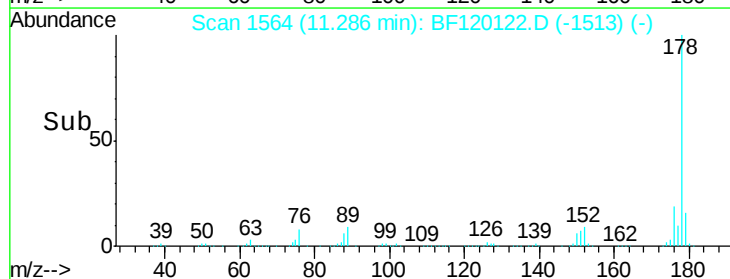
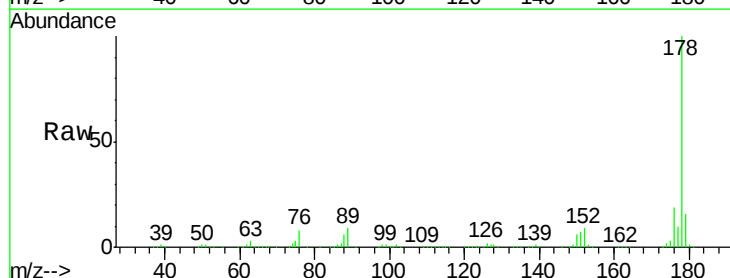
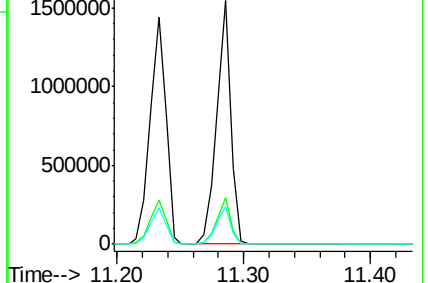
176 18.9 16.1 24.1

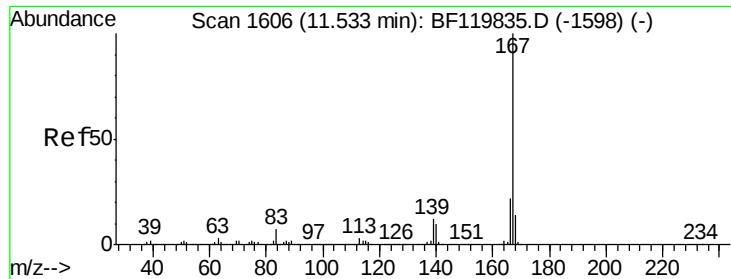
179 15.6 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





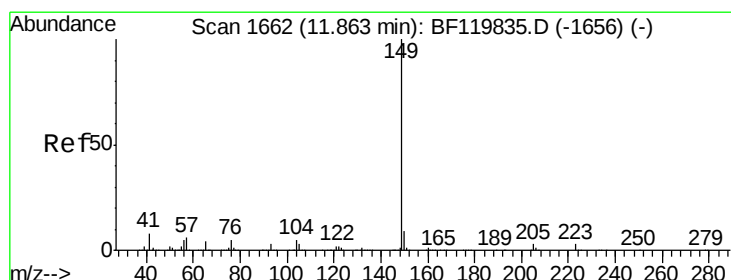
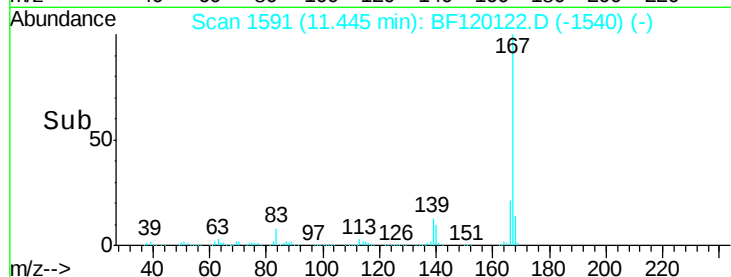
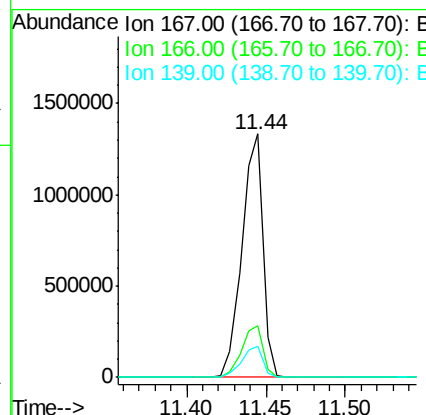
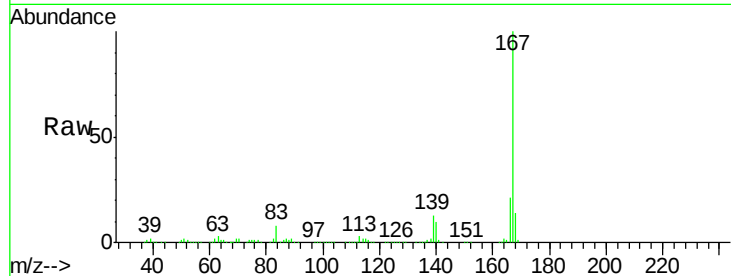
#73
 Carbazole
 Concen: 45.80 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.2	27.4
139	12.6	10.7	16.1

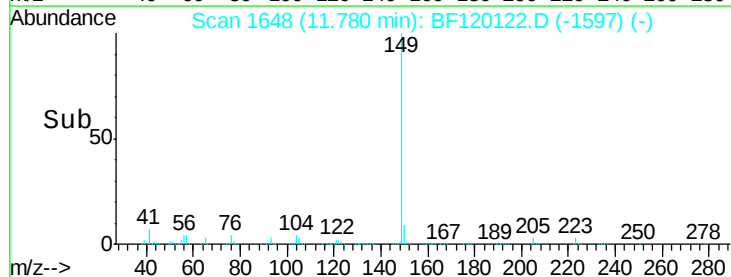
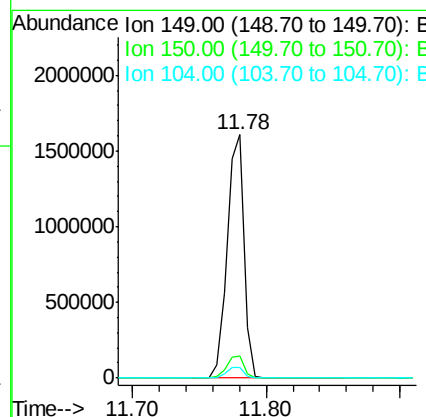
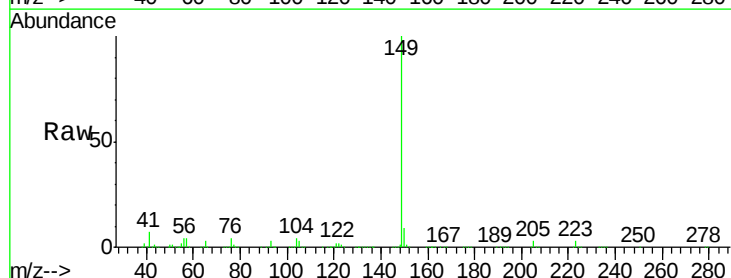
Manual Integrations
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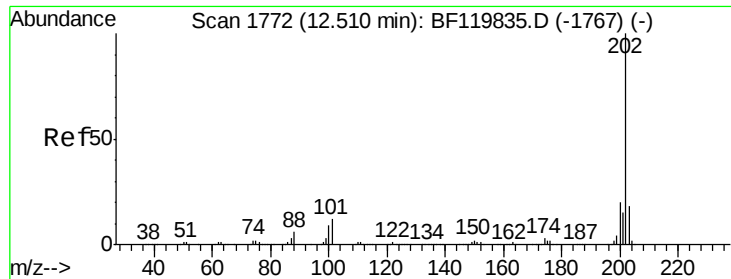
mohammad
 4/24/2020 4:17:50 AM



#74
 Di-n-butylphthalate
 Concen: 40.89 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.8
104	4.3	3.6	5.4





#75

Fluoranthene

Concen: 45.42 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

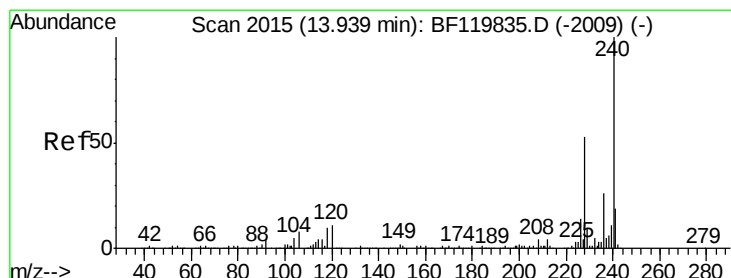
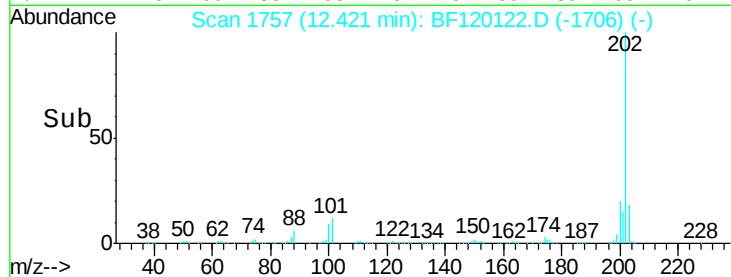
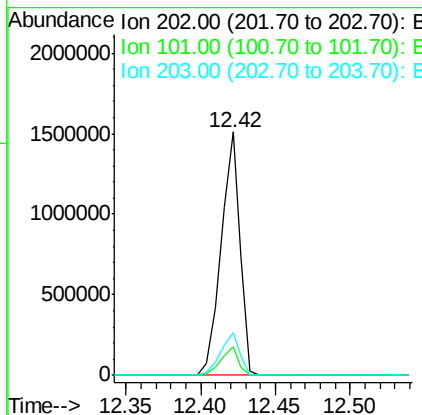
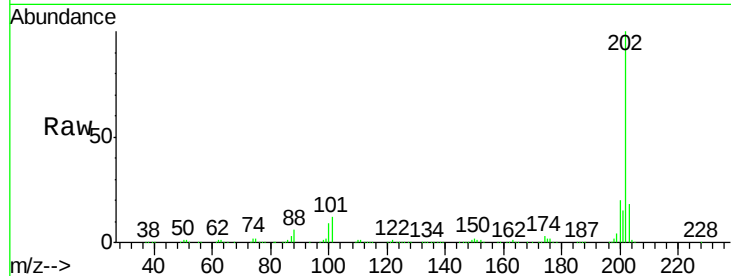
ClientSampleId :

SSTDCCC040

Tgt Ion:	202	Resp:	1350587
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	32.2
203	17.6	0.0	38.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.00 ng

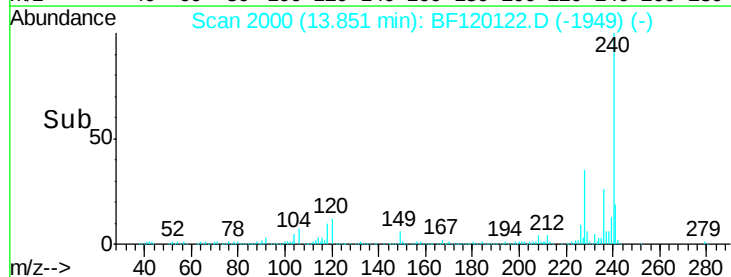
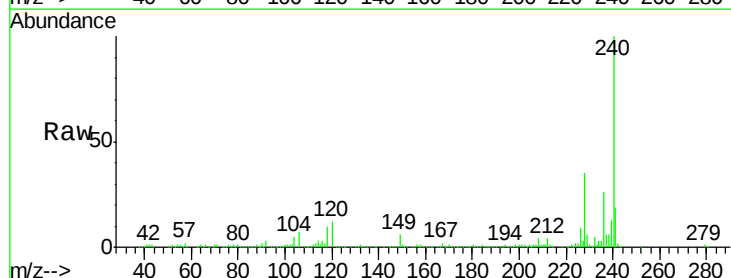
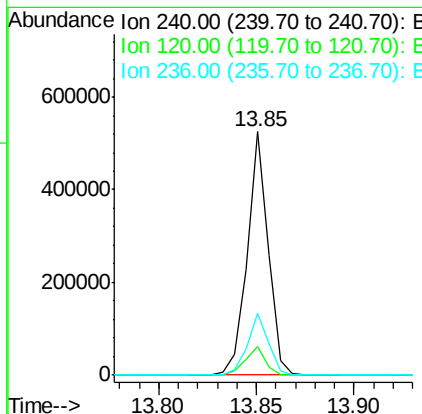
RT: 13.85 min Scan# 2000

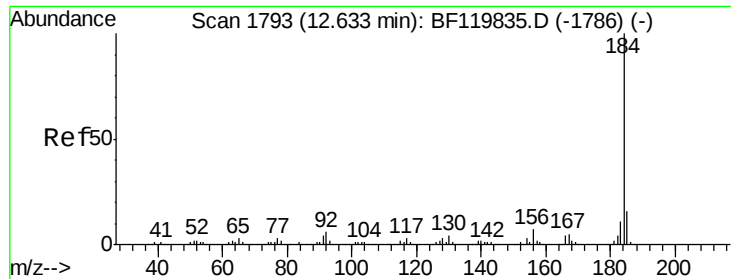
Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Tgt Ion:	240	Resp:	386874
Ion Ratio	Lower	Upper	
240	100		
120	11.6	10.6	15.8
236	25.5	20.2	30.2





#77

Benzidine

Concen: 9.53 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

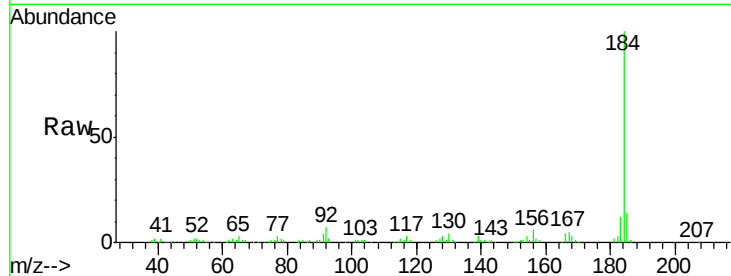
ClientSampleId :

SSTDCCC040

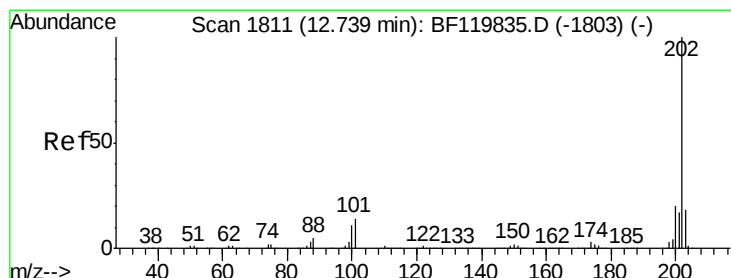
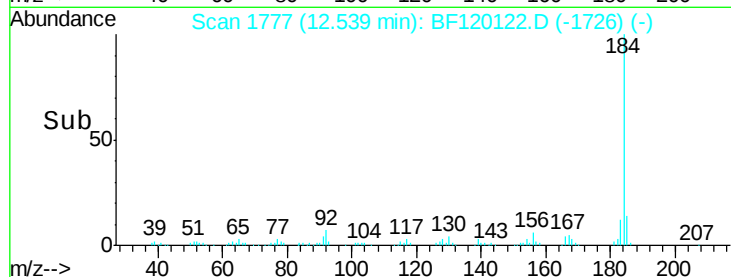
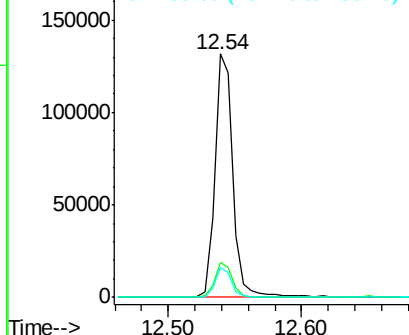
Tgt Ion:	184	Resp:	124663
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.3	18.5
183	12.1	9.0	13.6

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.49 ng

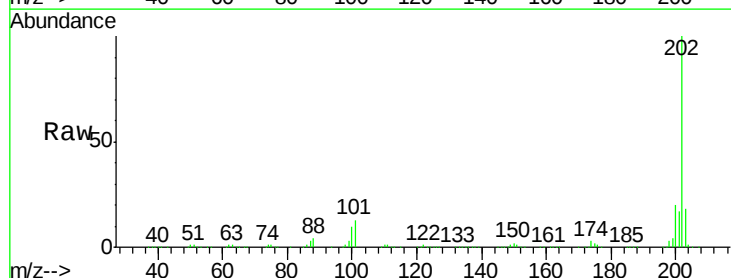
RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

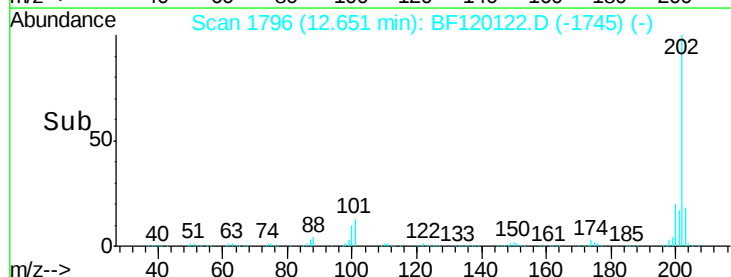
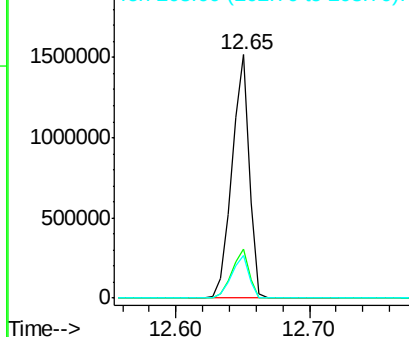
Lab File: BF120122.D

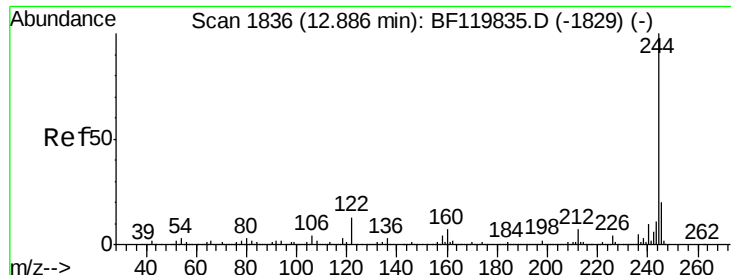
Acq: 22 Apr 2020 11:11

Tgt Ion:	202	Resp:	1385675
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.8	25.2
203	17.6	15.1	22.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





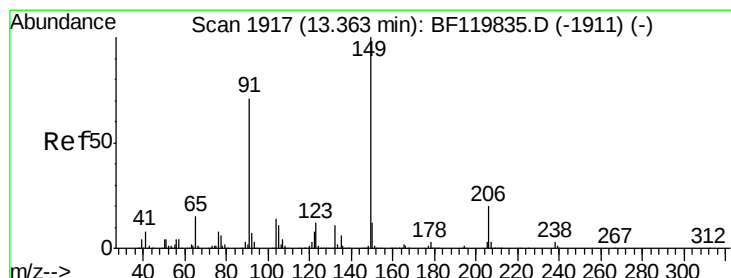
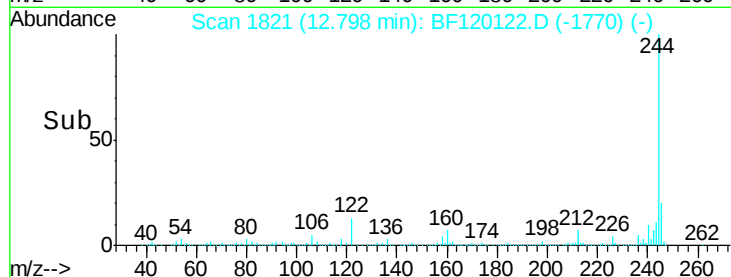
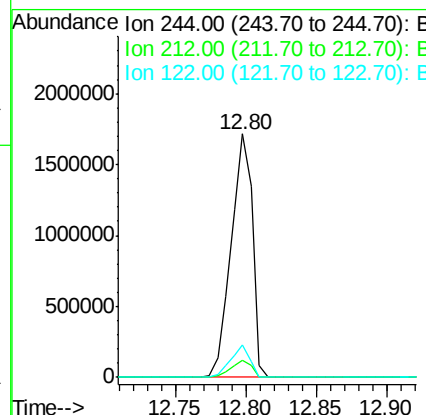
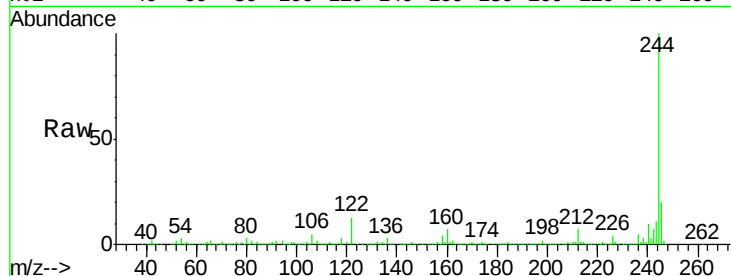
#79
 Terphenyl-d14
 Concen: 77.86 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.1	10.3	15.5

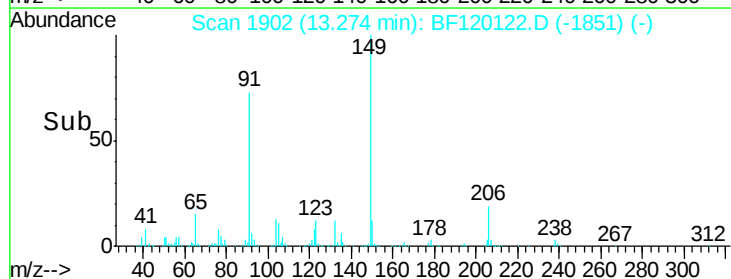
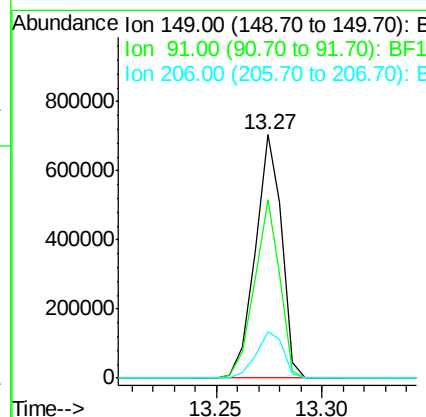
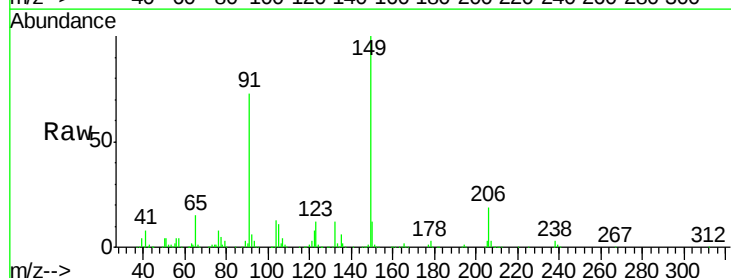
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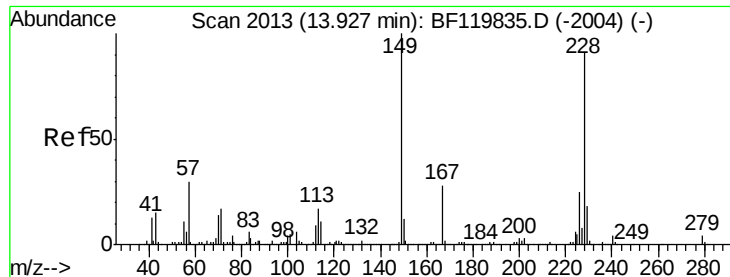
mohammad
 4/24/2020 4:17:50 AM



#80
 Butylbenzylphthalate
 Concen: 38.47 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.0	54.7	82.1
206	18.9	16.2	24.2





#81

Benzo(a)anthracene

Concen: 44.13 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Instrument :

BNA_F

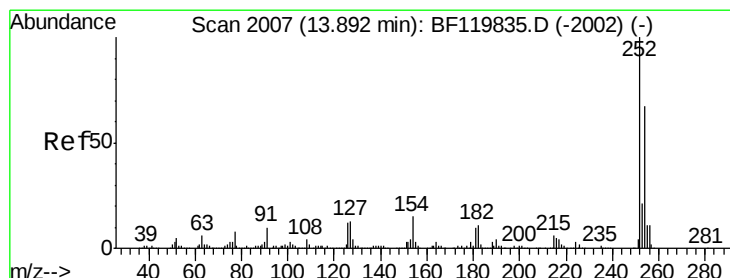
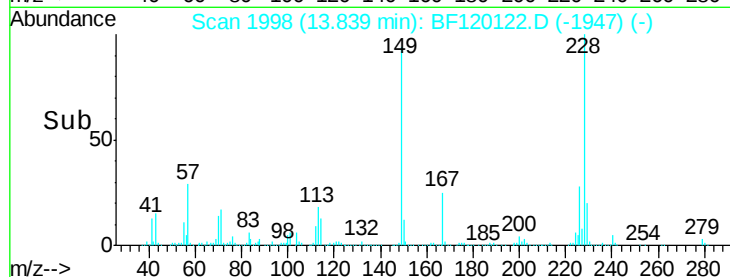
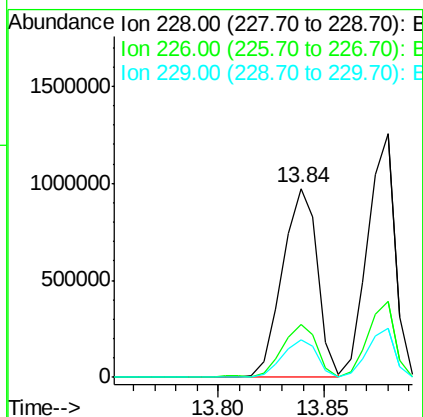
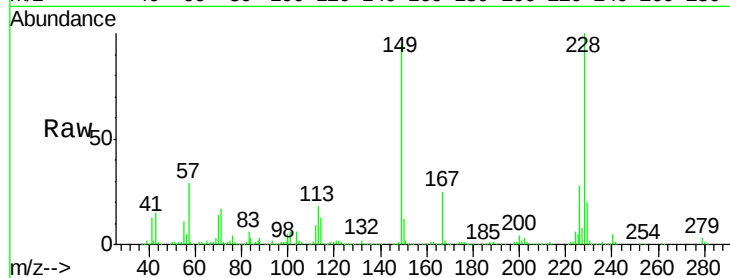
ClientSampleId :

SSTDCCC040

Tgt Ion:	228	Resp:	1123040
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.0	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 39.81 ng

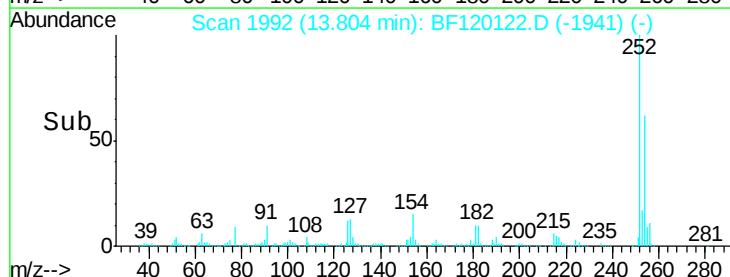
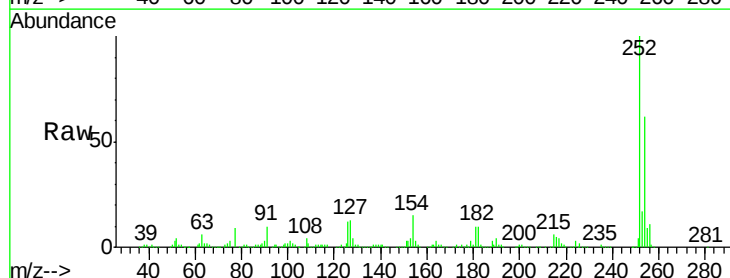
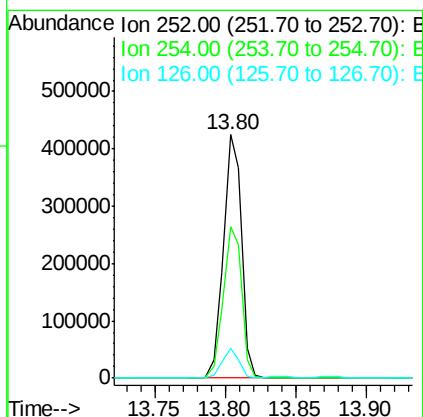
RT: 13.80 min Scan# 1992

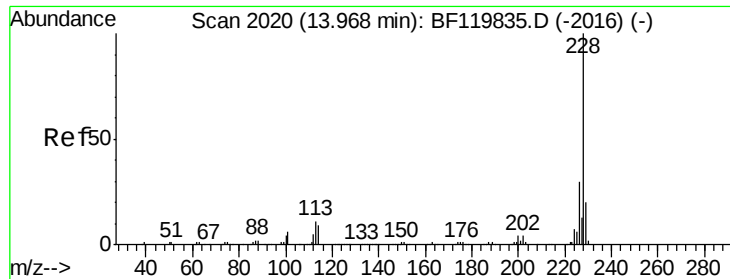
Delta R.T. 0.00 min

Lab File: BF120122.D

Acq: 22 Apr 2020 11:11

Tgt Ion:	252	Resp:	378062
Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.2	76.8
126	12.4	9.6	14.4





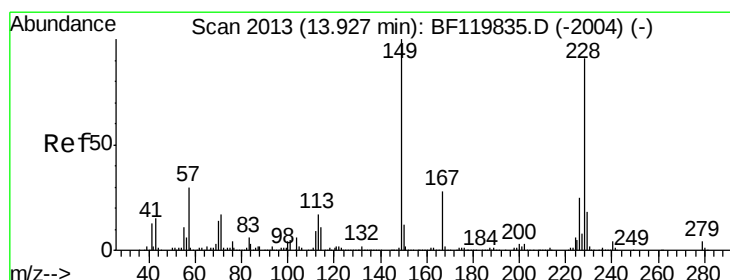
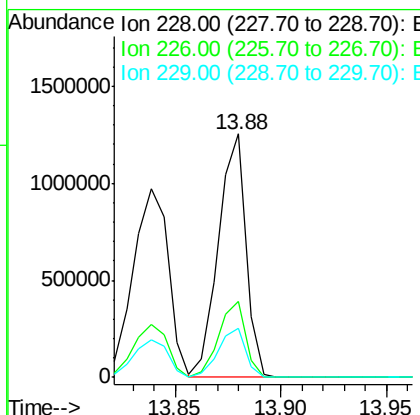
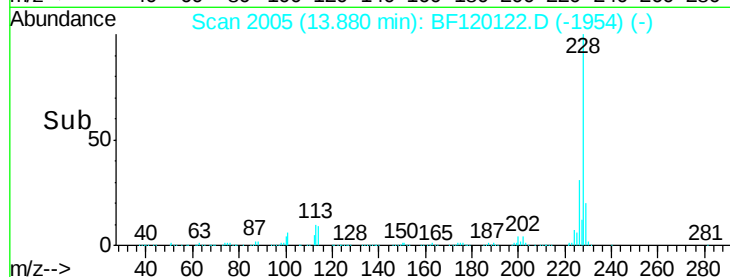
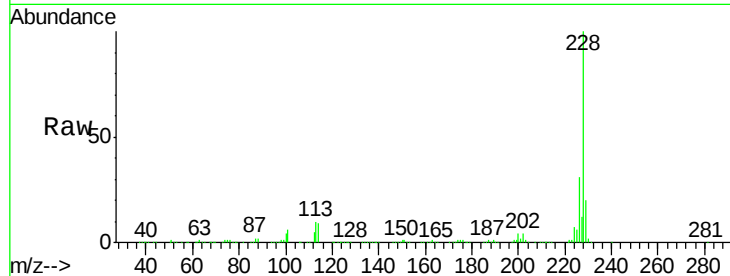
#83
 Chrysene
 Concen: 43.88 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:228 Resp: 1134873
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 19.9 16.6 24.8

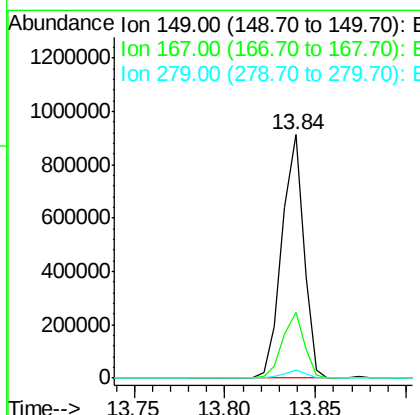
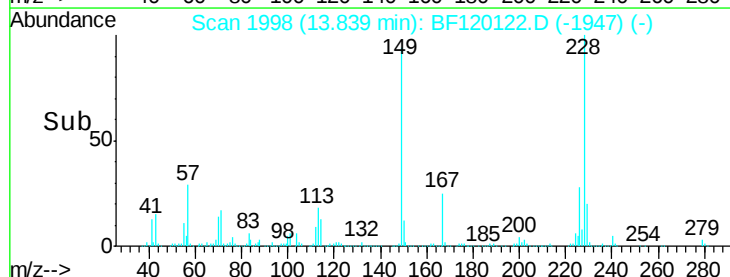
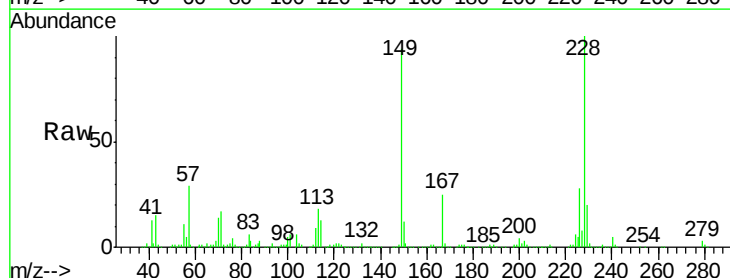
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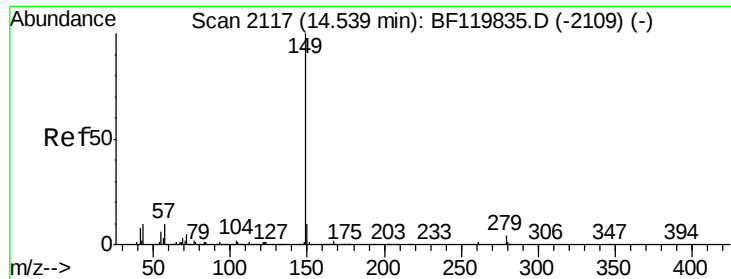
mohammad
 4/24/2020 4:17:50 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.86 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF120122.D
 Acq: 22 Apr 2020 11:11

Tgt Ion:149 Resp: 768579
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.5 2.7 4.1





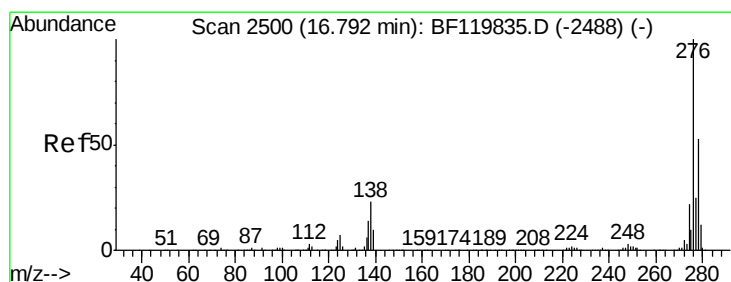
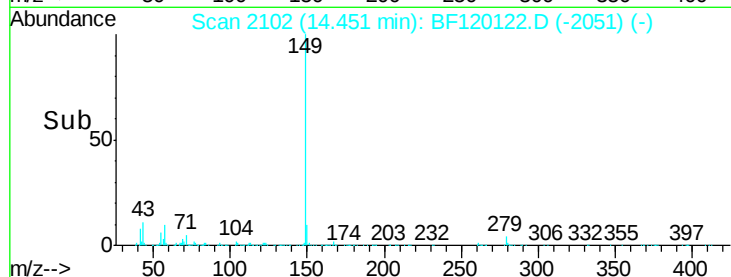
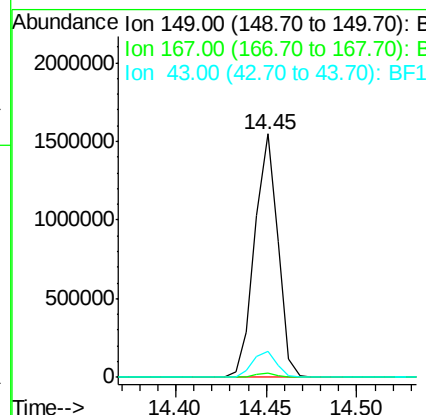
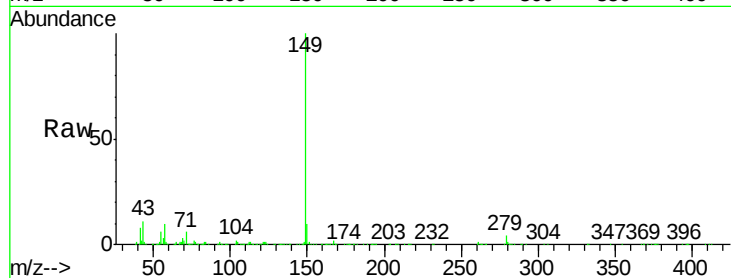
#85
Di-n-octyl phthalate
Concen: 37.66 ng
RT: 14.45 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.3	9.3	13.9

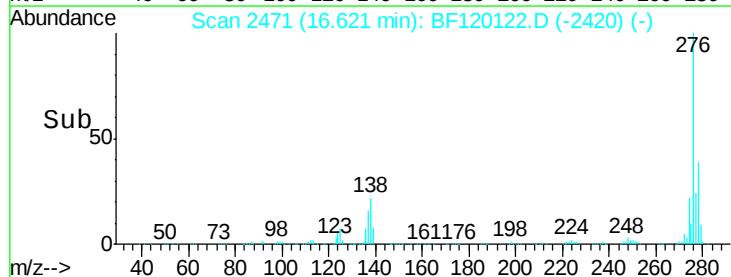
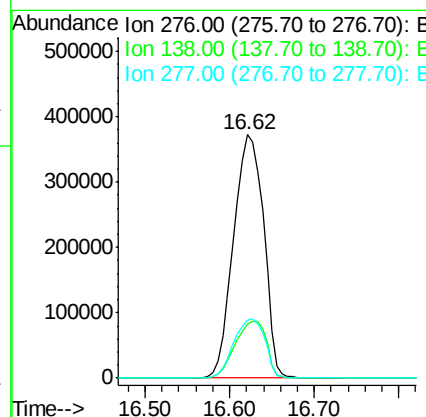
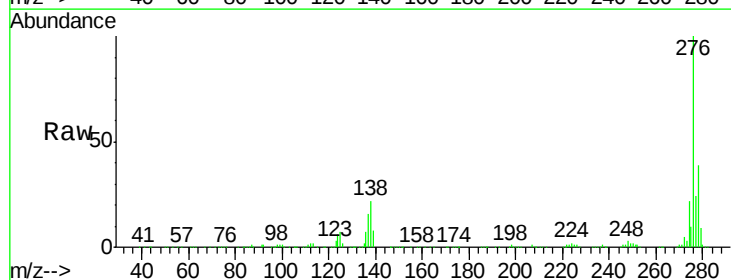
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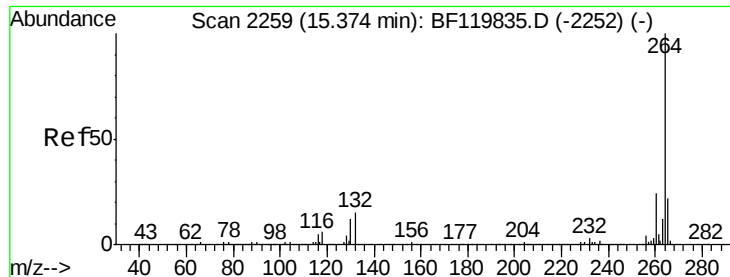
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.36 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.6	29.4
277	25.1	20.0	30.0





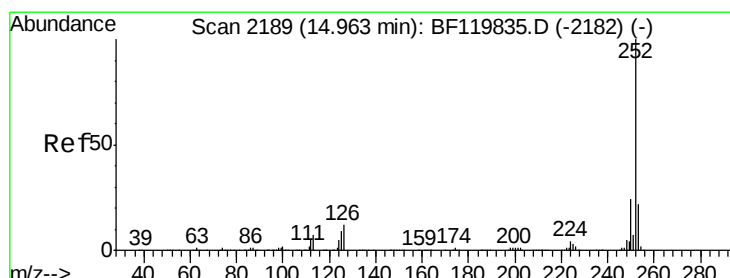
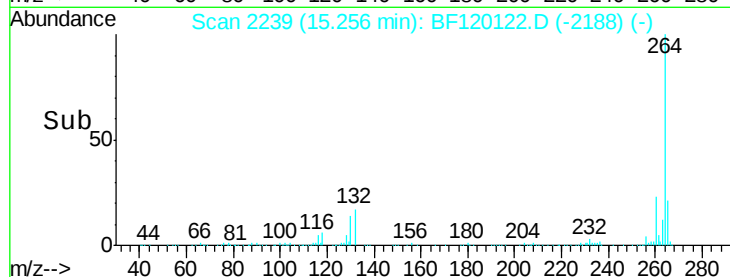
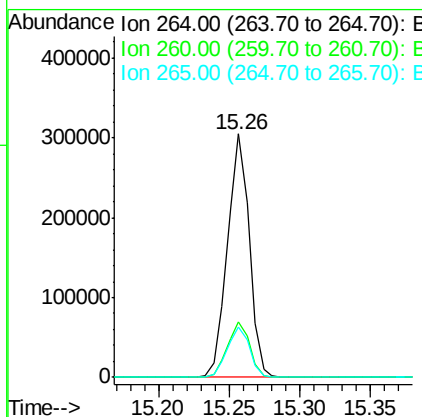
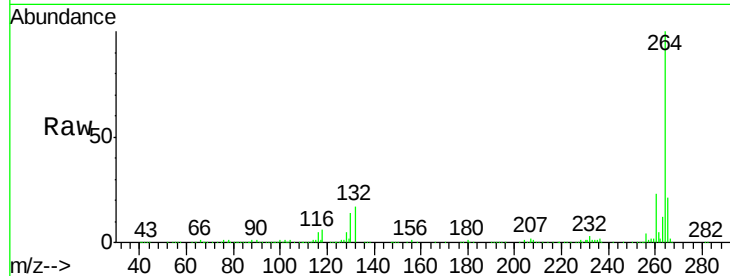
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.9	17.7	26.5

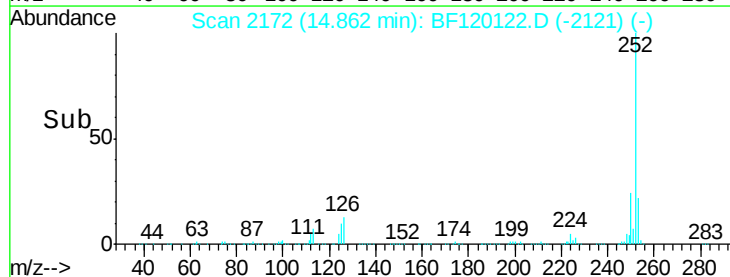
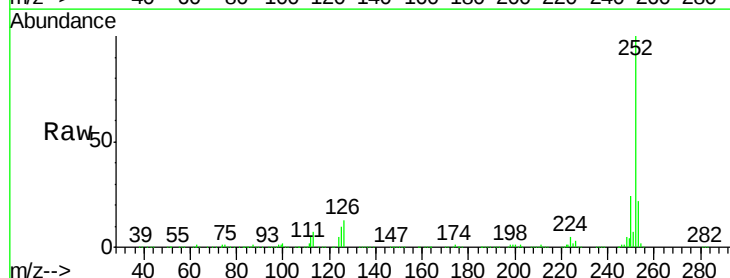
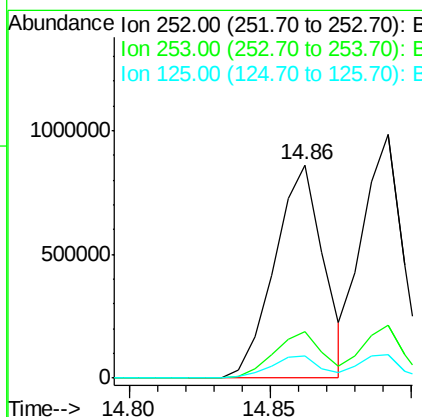
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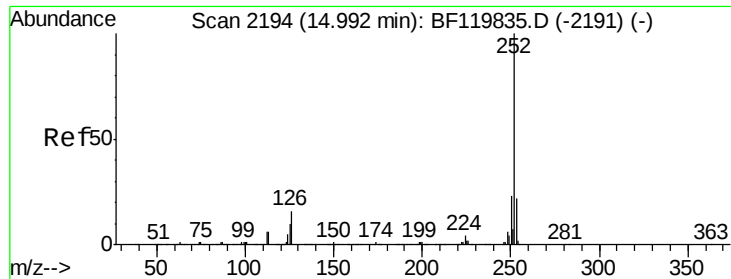
mohammad
4/24/2020 4:17:50 AM



#88
Benzo(b)fluoranthene
Concen: 44.04 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	10.3	7.9	11.9





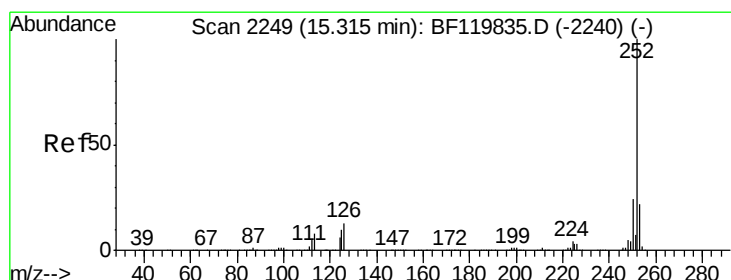
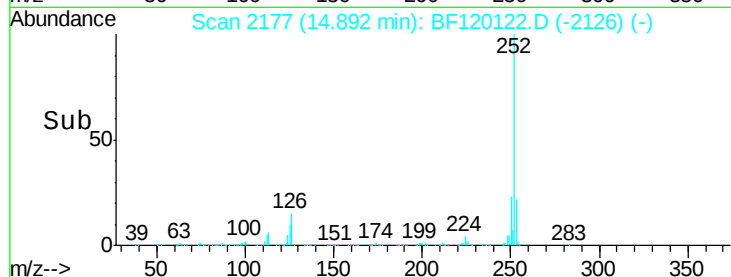
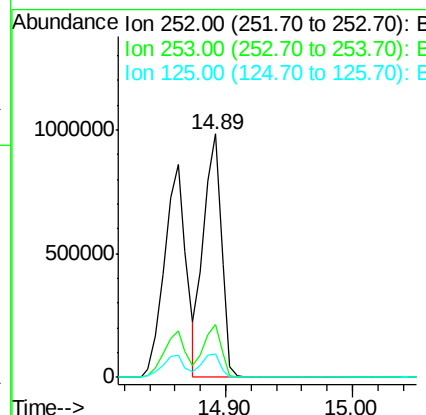
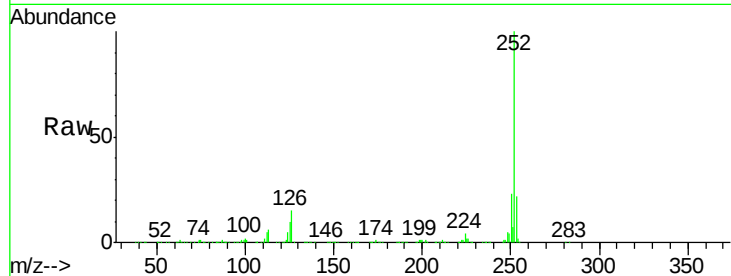
#89
Benzo(k)fluoranthene
Concen: 47.31 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	9.8	8.4	12.6

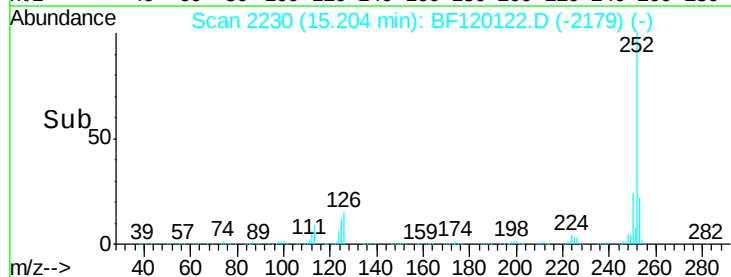
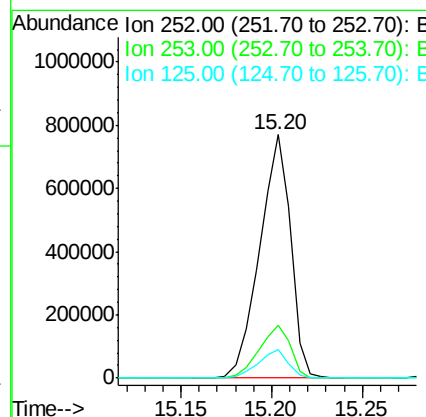
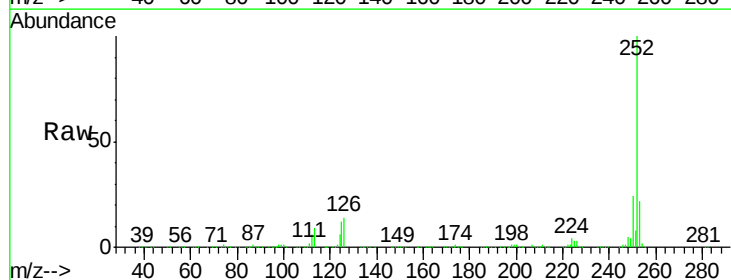
Manual Integrations
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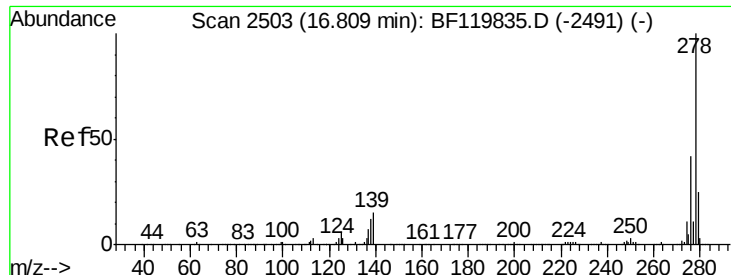
mohammad
4/24/2020 4:17:50 AM



#90
Benzo(a)pyrene
Concen: 45.99 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	11.5	9.4	14.2





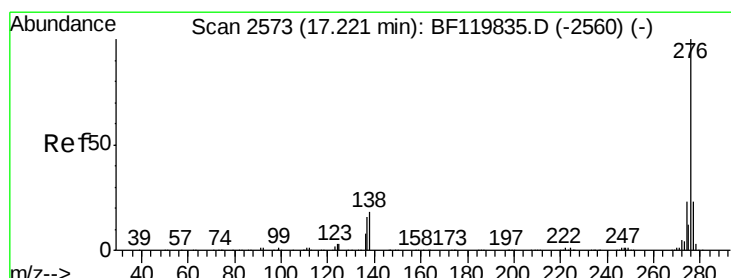
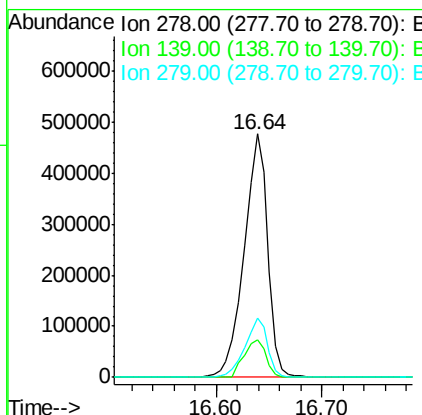
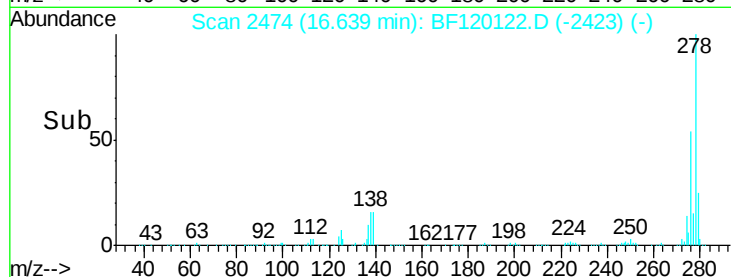
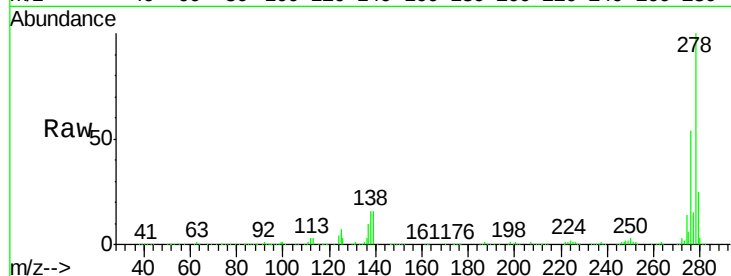
#91
Dibenzo(a,h)anthracene
Concen: 42.20 ng
RT: 16.64 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	19.0
279	24.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/24/2020 4:17:50 AM



#92
Benzo(g,h,i)perylene
Concen: 42.23 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF120122.D
Acq: 22 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	21.6	15.4	23.0

