

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052020\
 Data File : BF120368.D
 Acq On : 20 May 2020 12:57
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 5/21/2020 10:22:54 AM

Quant Time: May 20 13:37:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 13:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	260625	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1025507	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	508261	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	904081	20.00	ng	0.00
76) Chrysene-d12	13.75	240	604392	20.00	ng	0.00
87) Perylene-d12	15.13	264	534881	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1116909	83.38	ng	0.00
7) Phenol-d6	6.25	99	1378505	81.38	ng	0.00
23) Nitrobenzene-d5	7.17	82	1306287	87.21	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	348300	84.05	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2356679	95.26	ng	0.00
79) Terphenyl-d14	12.70	244	2323063	84.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	215331	40.41	ng	99
3) Pyridine	2.83	79	657094	39.23	ng	95
4) n-Nitrosodimethylamine	2.79	42	287026	43.76	ng	94
6) Aniline	6.26	93	886958	40.94	ng	95
8) 2-Chlorophenol	6.38	128	636319	40.74	ng	99
9) Benzaldehyde	6.14	77	417974	40.03	ng	99
10) Phenol	6.26	94	799521	40.43	ng	95
11) bis(2-Chloroethyl)ether	6.33	93	619721	39.23	ng	96
12) 1,3-Dichlorobenzene	6.53	146	681166	40.76	ng	99
13) 1,4-Dichlorobenzene	6.61	146	712615	41.40	ng	98
14) 1,2-Dichlorobenzene	6.76	146	636029	41.03	ng	99
15) Benzyl Alcohol	6.75	79	506922	42.12	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	1128668	45.34	ng	94
17) 2-Methylphenol	6.87	107	536662	40.70	ng	97
18) Hexachloroethane	7.10	117	259441	39.57	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	445693	40.16	ng	96
20) 3+4-Methylphenols	7.03	107	702298	40.97	ng	98
22) Acetophenone	7.02	105	904335	43.05	ng	96
24) Nitrobenzene	7.19	77	674112	41.82	ng	98
25) Isophorone	7.43	82	1288128	41.33	ng	99
26) 2-Nitrophenol	7.50	139	355345	42.15	ng	89
27) 2,4-Dimethylphenol	7.55	122	502365	40.96	ng	95
28) bis(2-Chloroethoxy)methane	7.64	93	799425	40.81	ng	99
29) 2,4-Dichlorophenol	7.75	162	517991	41.13	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	582667	41.75	ng	99
31) Naphthalene	7.90	128	1822184	42.10	ng	99
32) Benzoic acid	7.70	122	295329	36.74	ng	95
33) 4-Chloroaniline	7.96	127	791818	40.14	ng	97
34) Hexachlorobutadiene	8.02	225	338530	41.96	ng	97
35) Caprolactam	8.35	113	158835	38.55	ng	98
36) 4-Chloro-3-methylphenol	8.46	107	534726	39.24	ng	97
37) 2-Methylnaphthalene	8.59	142	1199855	40.51	ng	98
38) 1-Methylnaphthalene	8.69	142	1147892	39.96	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	545259	42.55	ng	100

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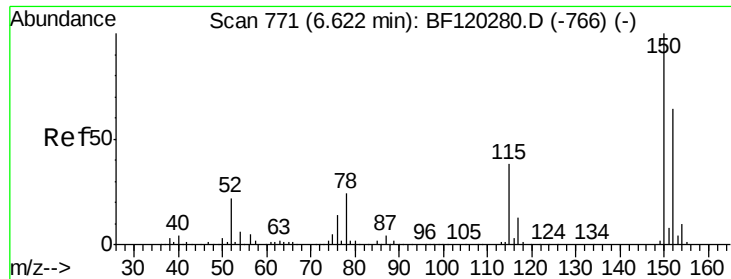
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	145919	31.94	ng	97
43) 2,4,6-Trichlorophenol	8.88	196	359139	41.75	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	395117	39.99	ng	99
46) 1,1'-Biphenyl	9.06	154	1425694	42.81	ng	99
47) 2-Chloronaphthalene	9.08	162	1128723	42.25	ng	100
48) 2-Nitroaniline	9.19	65	404340	41.49	ng	95
49) Acenaphthylene	9.49	152	1717239	42.08	ng	99
50) Dimethylphthalate	9.37	163	1282287	39.91	ng	99
51) 2,6-Dinitrotoluene	9.43	165	288437	40.22	ng	87
52) Acenaphthene	9.66	154	1025505	41.93	ng	99
53) 3-Nitroaniline	9.60	138	337698	39.49	ng	97
54) 2,4-Dinitrophenol	9.72	184	133402	39.41	ng	94
55) Dibenzofuran	9.84	168	1499855	42.58	ng	99
56) 4-Nitrophenol	9.79	139	148043m	32.22	ng	
57) 2,4-Dinitrotoluene	9.83	165	346005	41.13	ng	96
58) Fluorene	10.18	166	1163800	43.39	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	298609	40.16	ng	96
60) Diethylphthalate	10.06	149	1305579	42.09	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	595067	42.67	ng	93
62) 4-Nitroaniline	10.22	138	324195	40.71	ng	98
63) Azobenzene	10.33	77	1229941	41.95	ng	95
65) 4,6-Dinitro-2-methylphenol	10.25	198	203818	44.58	ng	95
66) n-Nitrosodiphenylamine	10.30	169	1059015	42.34	ng	100
67) 4-Bromophenyl-phenylether	10.66	248	369482	42.12	ng	94
68) Hexachlorobenzene	10.73	284	371873	40.52	ng	92
69) Atrazine	10.83	200	297162	39.70	ng	100
70) Pentachlorophenol	10.93	266	145065	37.16	ng	98
71) Phenanthrene	11.13	178	1615348	42.52	ng	99
72) Anthracene	11.19	178	1714951	42.17	ng	98
73) Carbazole	11.35	167	1617223	42.56	ng	99
74) Di-n-butylphthalate	11.68	149	2010621	43.90	ng	99
75) Fluoranthene	12.32	202	1749250	42.96	ng	96
77) Benzidine	12.45	184	717760	40.67	ng	97
78) Pyrene	12.54	202	1777907	41.26	ng	99
80) Butylbenzylphthalate	13.17	149	828596	40.84	ng	96
81) Benzo(a)anthracene	13.74	228	1347693	42.28	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	518470	43.16	ng	99
83) Chrysene	13.77	228	1410575	41.21	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1082193	42.87	ng	99
85) Di-n-octyl phthalate	14.35	149	1923164	42.35	ng	98
86) Indeno(1,2,3-cd)pyrene	16.44	276	1013652	32.63	ng	99
88) Benzo(b)fluoranthene	14.75	252	1284713	43.98	ng	97
89) Benzo(k)fluoranthene	14.77	252	1141377	45.10	ng	99
90) Benzo(a)pyrene	15.08	252	1091264	41.66	ng	98
91) Dibenzo(a,h)anthracene	16.45	278	825042	35.55	ng	99
92) Benzo(g,h,i)perylene	16.83	276	808386	34.54	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

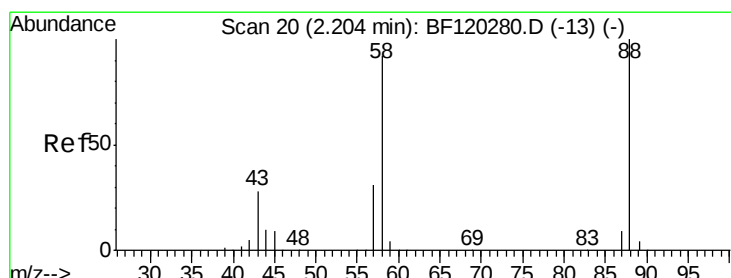
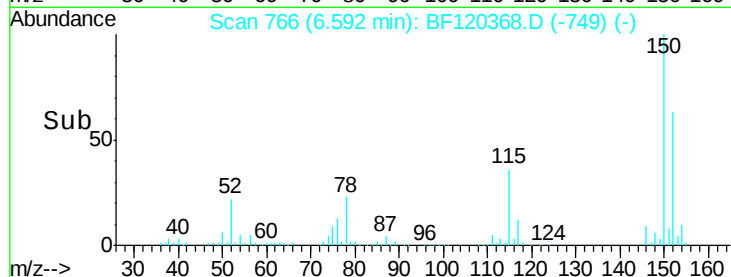
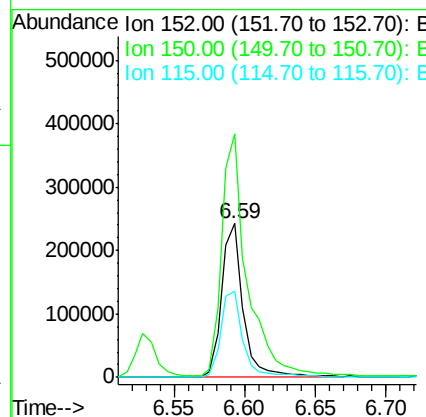
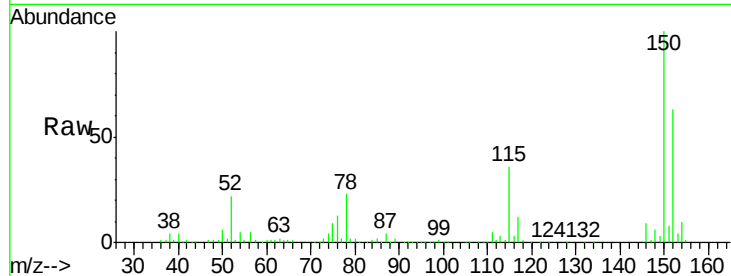
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	260625
Ion Ratio	Lower	Upper	
152	100		
150	158.3	126.2	189.2
115	56.3	47.9	71.9

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#2

1,4-Dioxane

Concen: 40.41 ng

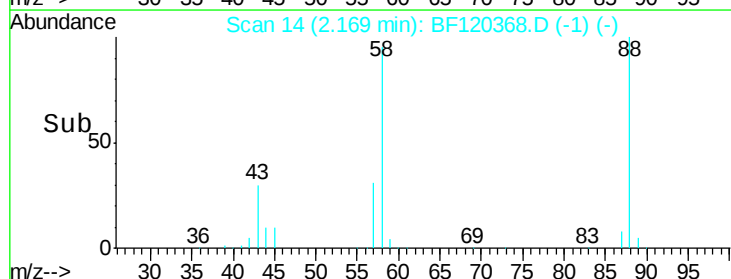
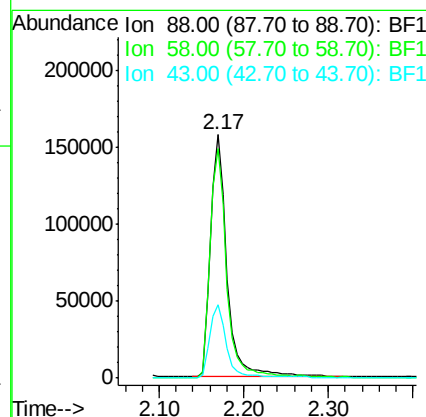
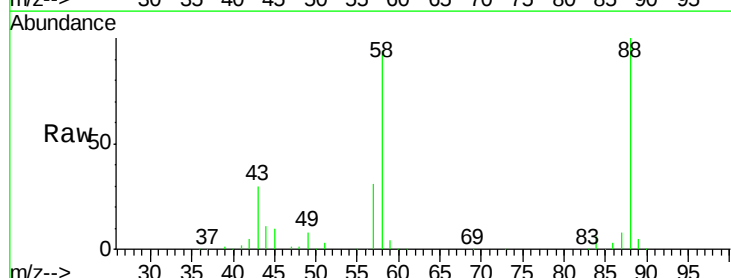
RT: 2.17 min Scan# 14

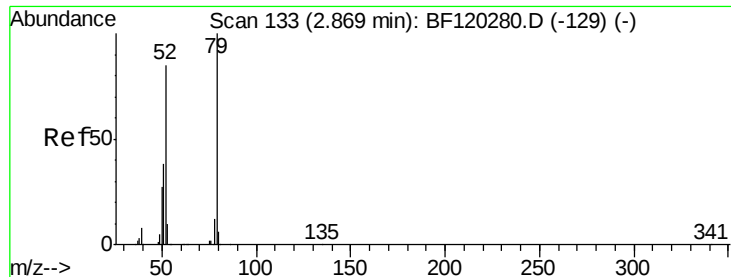
Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:	88	Resp:	215331
Ion Ratio	Lower	Upper	
88	100		
58	95.8	75.8	113.6
43	29.9	23.6	35.4





#3

Pyridine

Concen: 39.23 ng

RT: 2.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

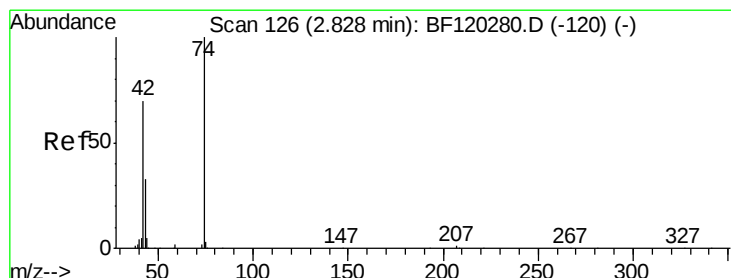
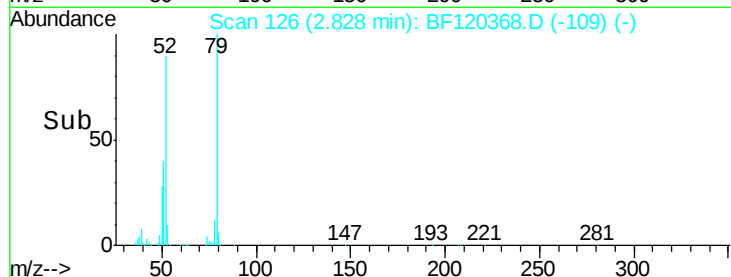
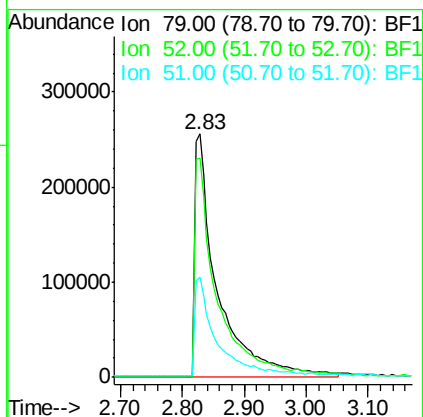
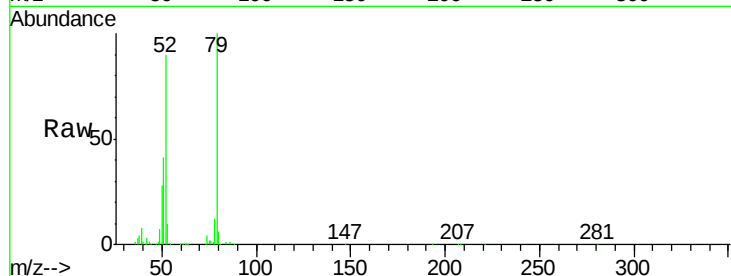
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	657094
Ion	Ratio	Lower	Upper
79	100		
52	90.2	68.4	102.6
51	41.1	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 43.76 ng

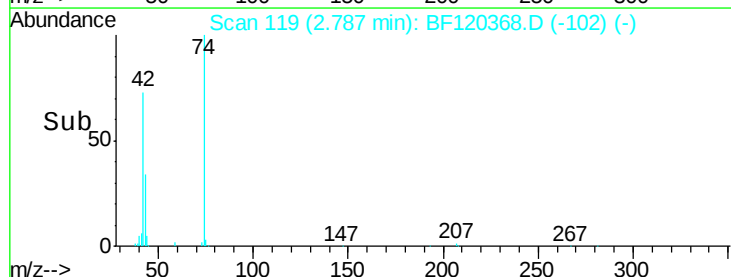
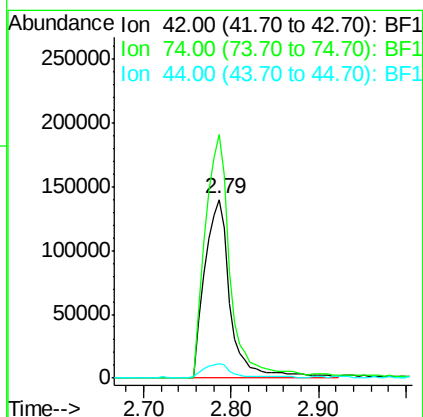
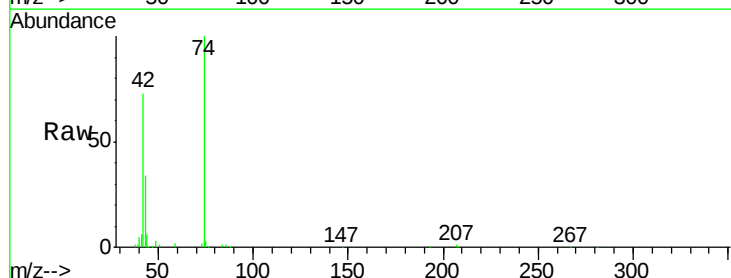
RT: 2.79 min Scan# 119

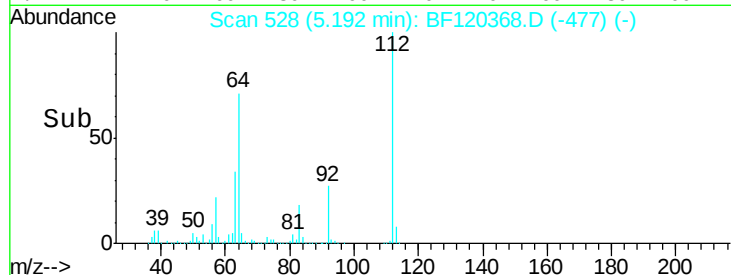
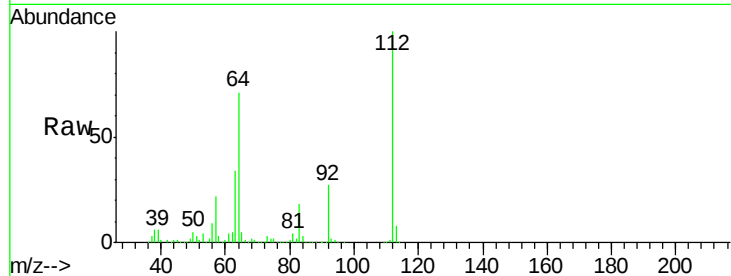
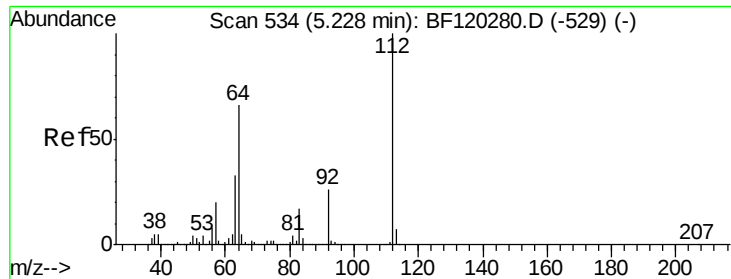
Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:	42	Resp:	287026
Ion	Ratio	Lower	Upper
42	100		
74	136.1	114.8	172.2
44	7.8	5.6	8.4





#5

2-Fluorophenol

Concen: 83.38 ng

RT: 5.19 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:	112	Resp:	1116909
Ion	Ratio	Lower	Upper
112	100		
64	70.7	52.7	79.1
63	34.4	26.2	39.4

Instrument :

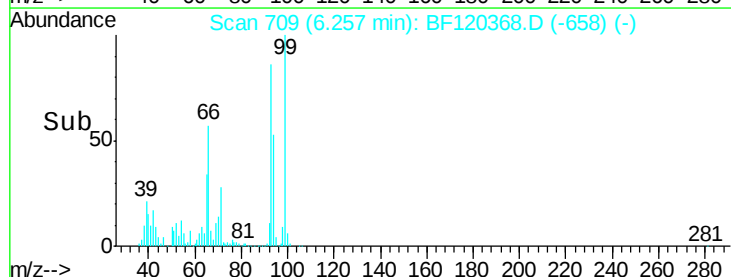
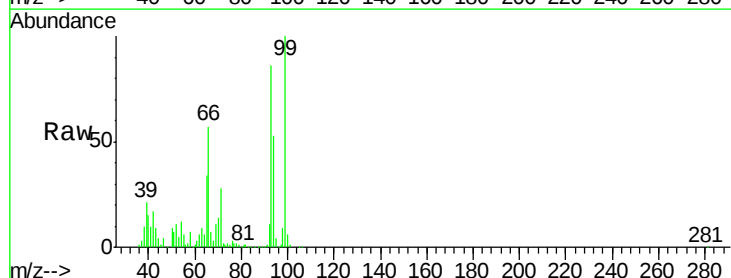
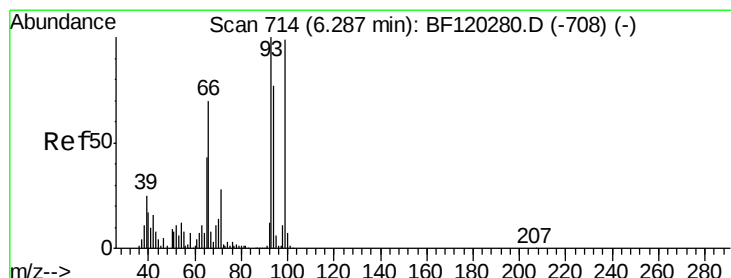
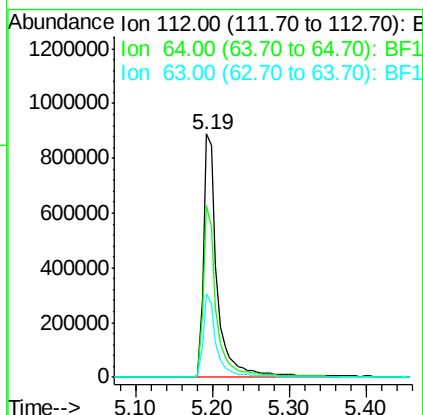
BNA_F

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 40.94 ng

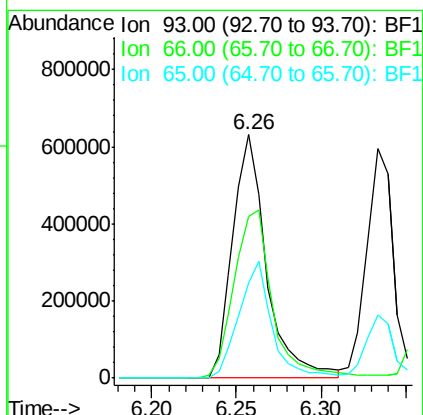
RT: 6.26 min Scan# 709

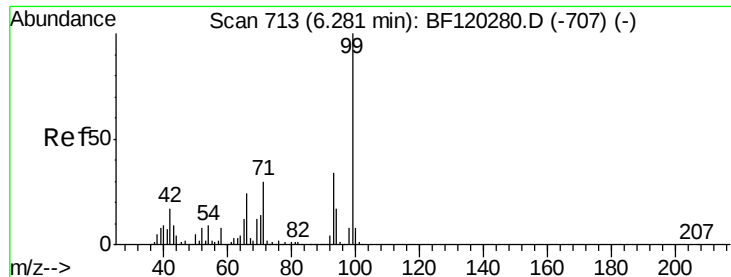
Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:	93	Resp:	886958
Ion	Ratio	Lower	Upper
93	100		
66	66.2	56.2	84.4
65	38.9	34.2	51.2





#7

Phenol-d6

Concen: 81.38 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1378505

Ion Ratio Lower Upper

99 100

42 18.6 13.6 20.4

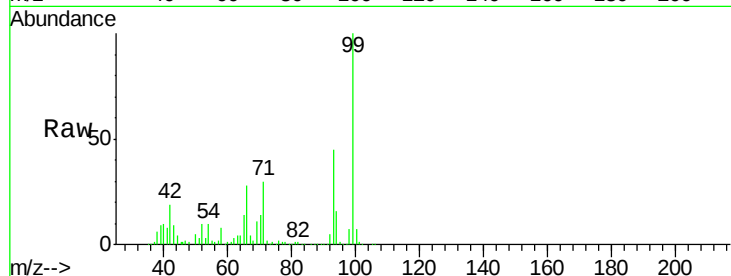
71 30.2 24.2 36.4

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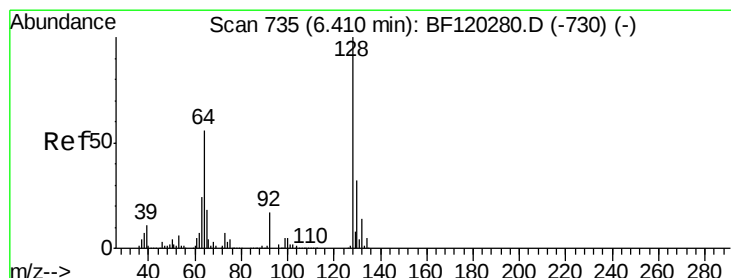
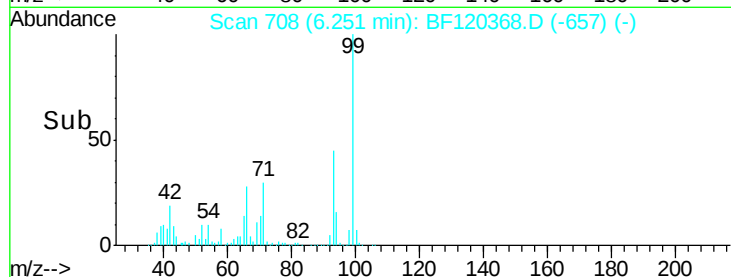
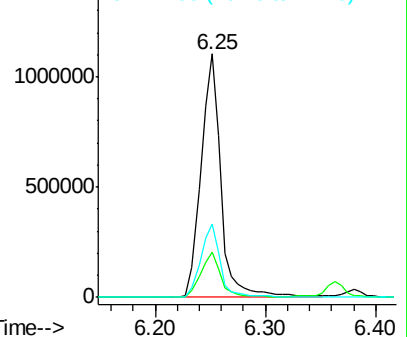
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.74 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

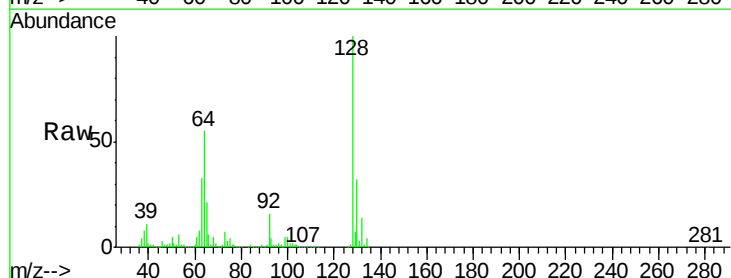
Tgt Ion: 128 Resp: 636319

Ion Ratio Lower Upper

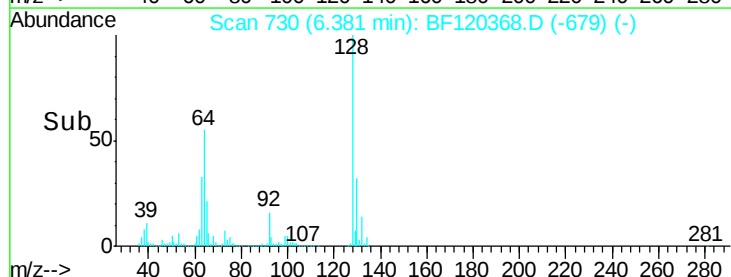
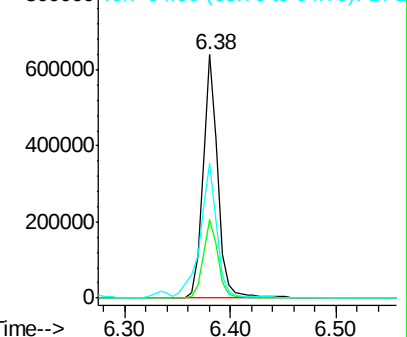
128 100

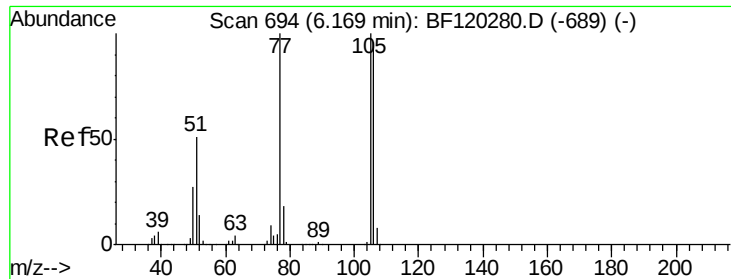
130 32.4 12.4 52.4

64 55.1 36.7 76.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.03 ng

RT: 6.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF120368.D

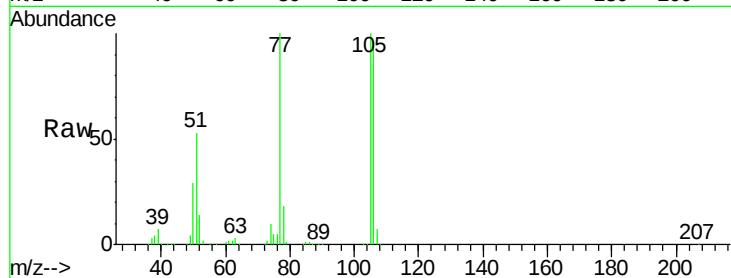
Acq: 20 May 2020 12:57

Instrument :

BNA_F

ClientSampleId :

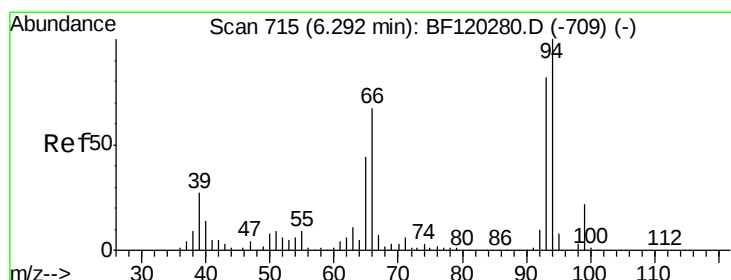
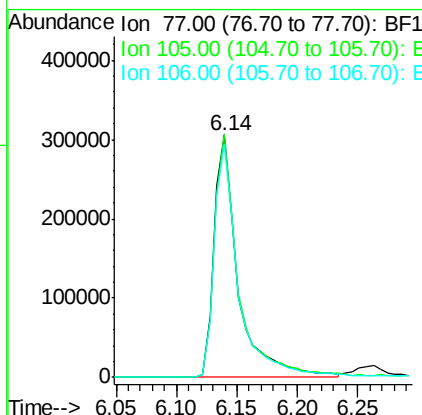
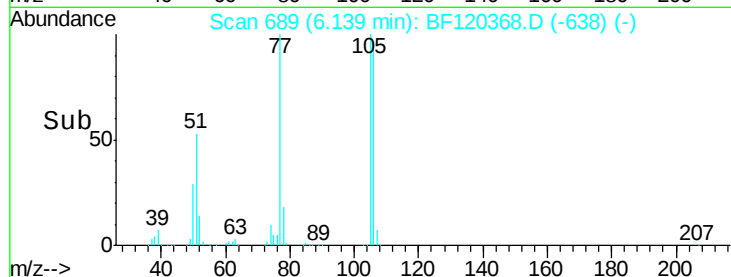
SSTDCCC040



Tgt Ion:	77	Resp:	417974
Ion	Ratio	Lower	Upper
77	100		
105	100.5	79.9	119.9
106	96.3	75.7	115.7

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#10

Phenol

Concen: 40.43 ng

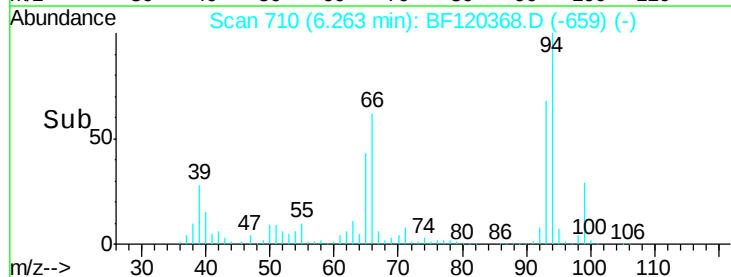
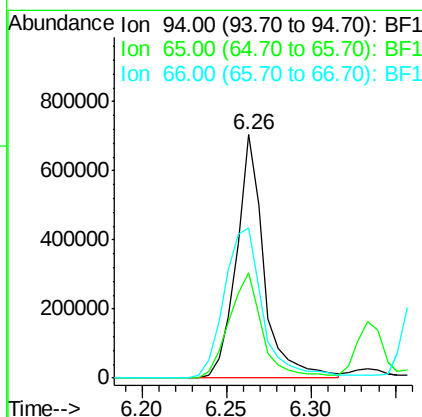
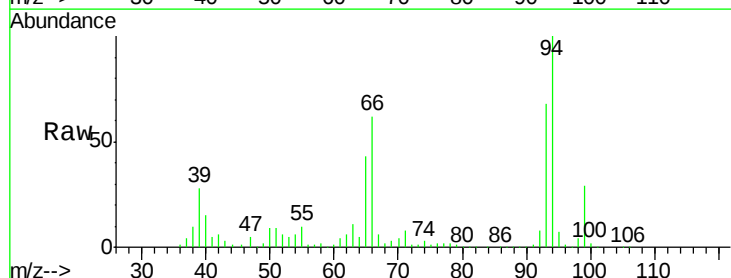
RT: 6.26 min Scan# 710

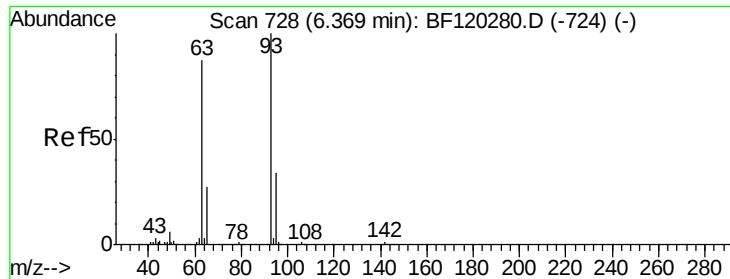
Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:	94	Resp:	799521
Ion	Ratio	Lower	Upper
94	100		
65	43.2	24.1	64.1
66	61.7	47.5	87.5





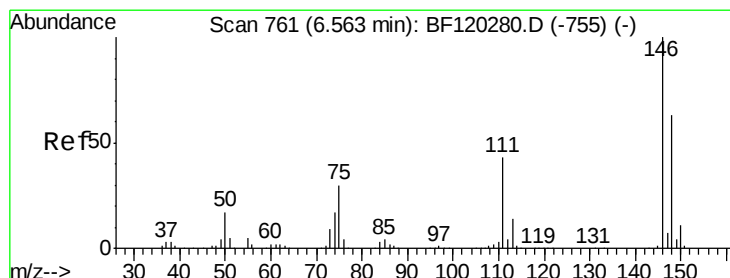
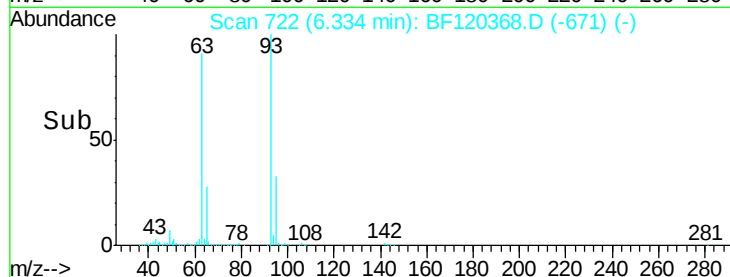
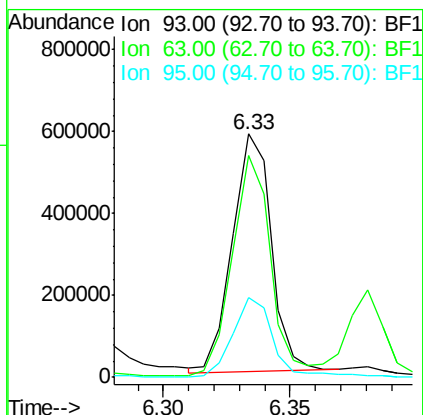
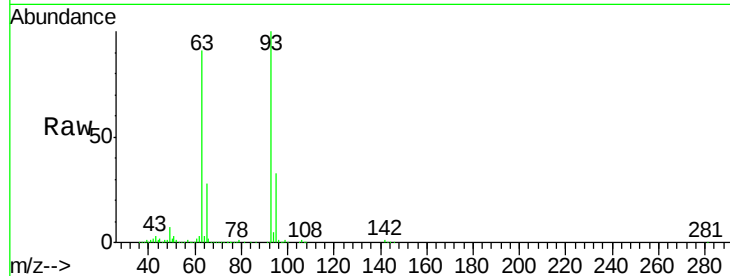
#11
bis(2-Chloroethyl)ether
Concen: 39.23 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	91.0	65.4	105.4
95	32.8	12.9	52.9

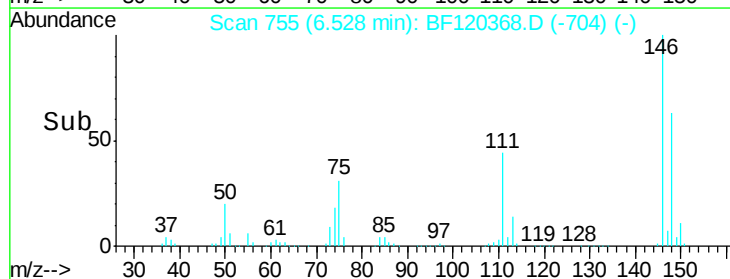
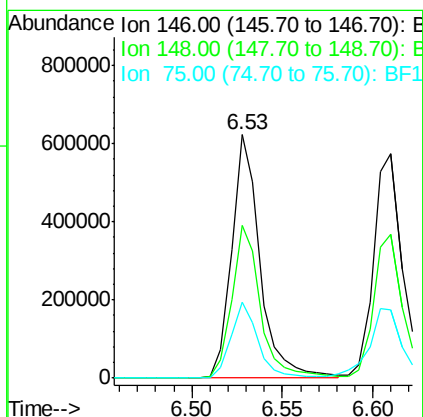
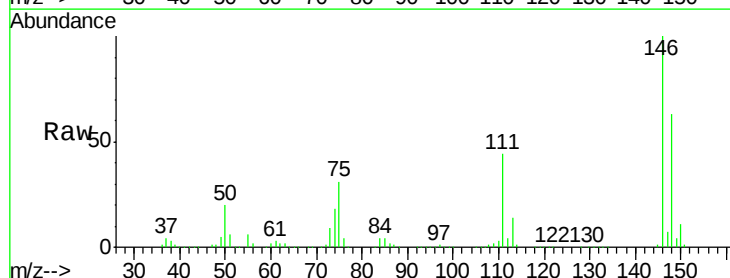
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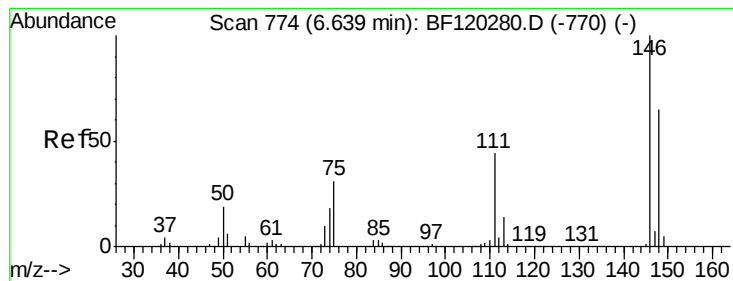
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.76 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.5	75.7
75	31.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.40 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

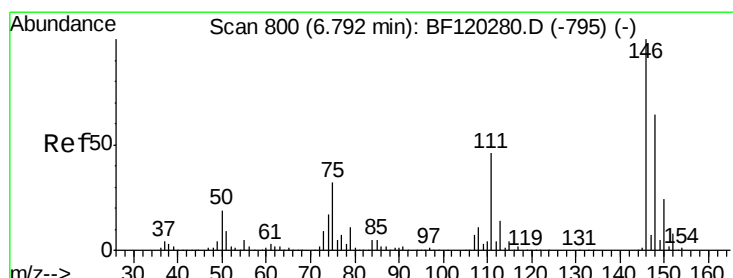
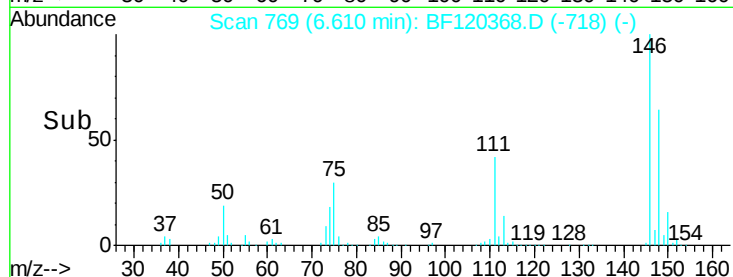
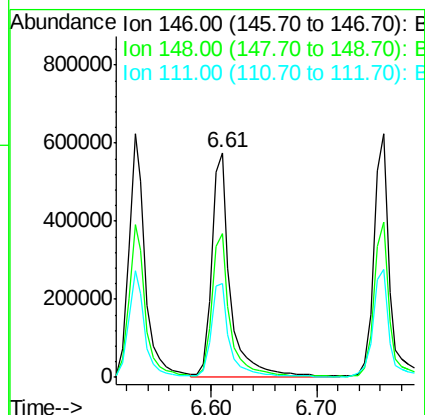
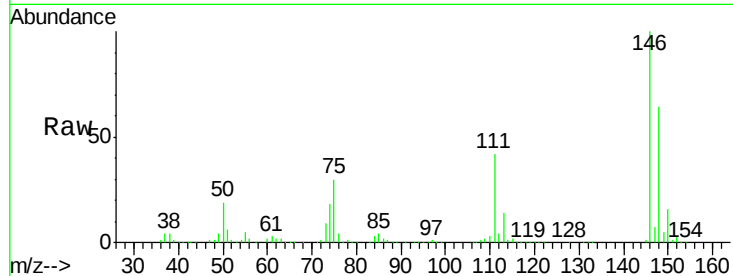
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	712615
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.6	77.4
111	41.6	35.1	52.7

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#14

1,2-Dichlorobenzene

Concen: 41.03 ng

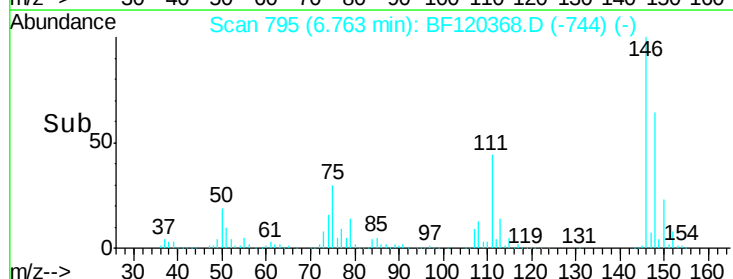
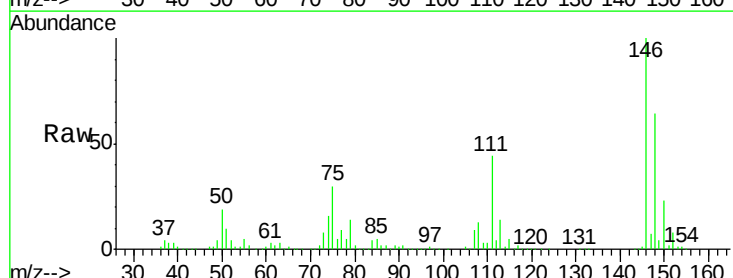
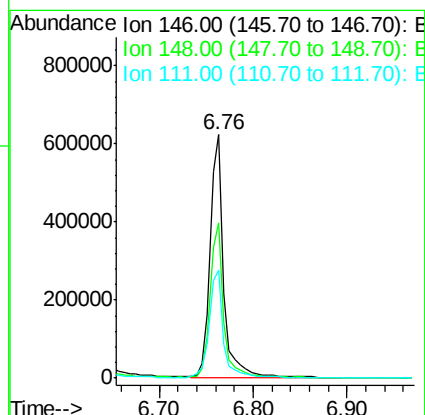
RT: 6.76 min Scan# 795

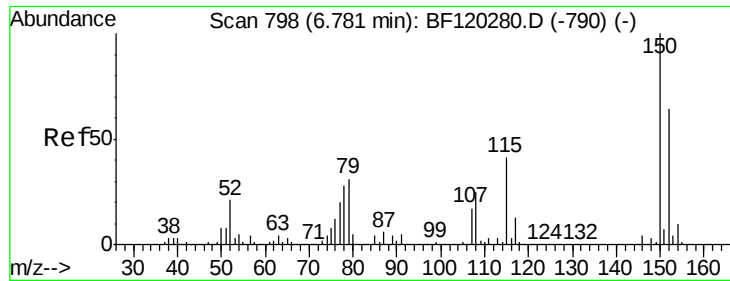
Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:	146	Resp:	636029
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.1	76.7
111	44.3	36.6	55.0





#15

Benzyl Alcohol

Concen: 42.12 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

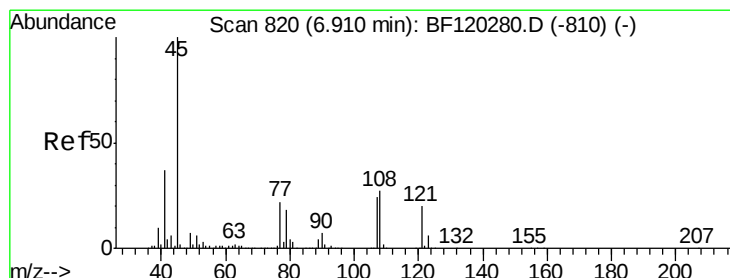
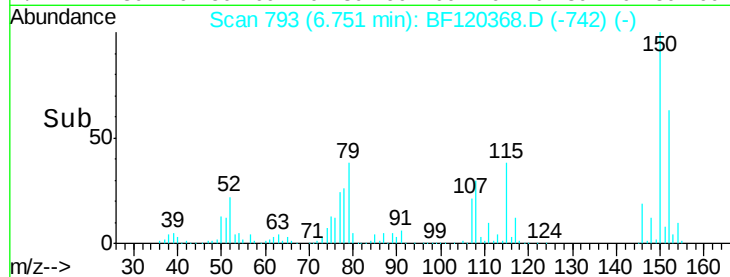
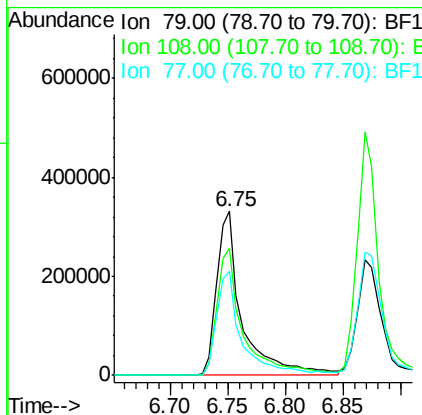
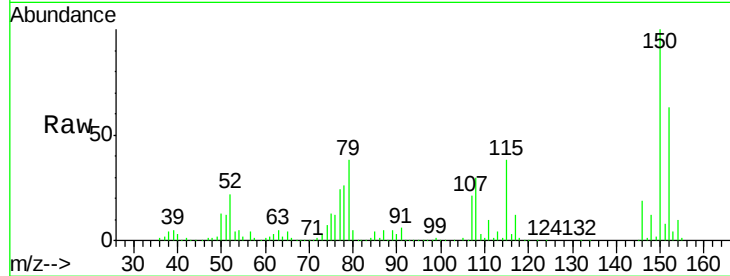
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	506922
Ion Ratio	Lower	Upper	
79	100		
108	77.7	64.2	96.4
77	63.1	51.6	77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.34 ng

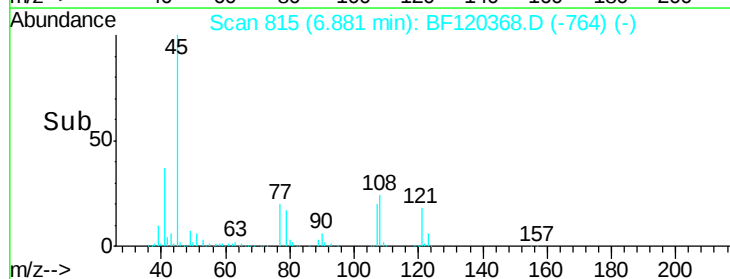
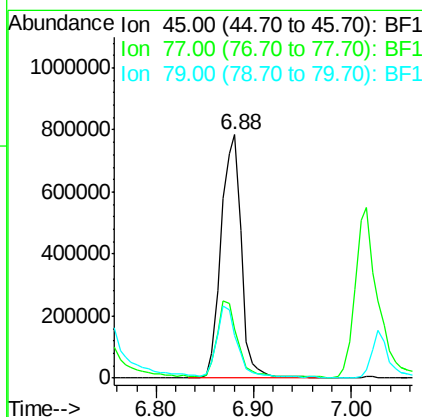
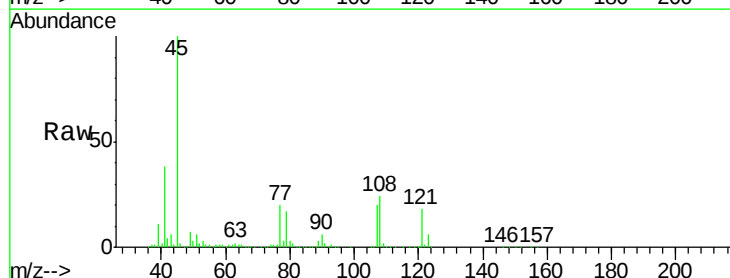
RT: 6.88 min Scan# 815

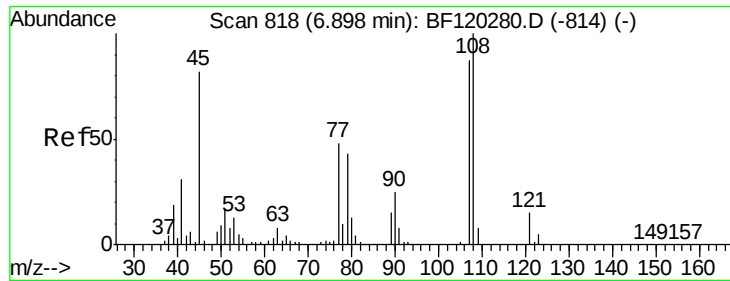
Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:	45	Resp:	1128668
Ion Ratio	Lower	Upper	
45	100		
77	20.3	3.1	43.1
79	17.4	0.0	40.0





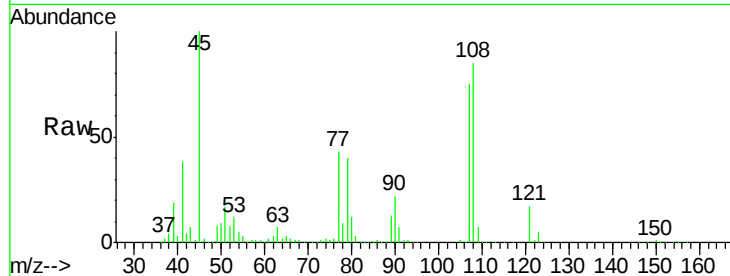
#17
2-Methylphenol
Concen: 40.70 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

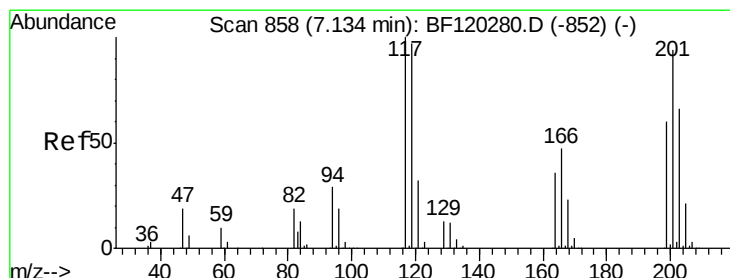
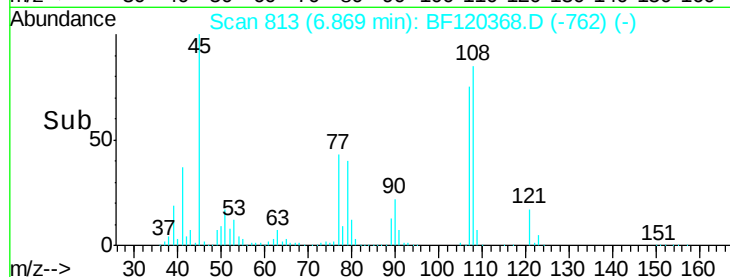
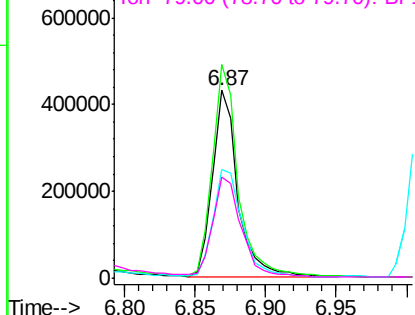
Tgt Ion:	107	Resp:	536662
Ion Ratio	Lower	Upper	
107	100		
108	113.7	92.4	138.6
77	57.8	44.5	66.7
79	54.1	40.4	60.6

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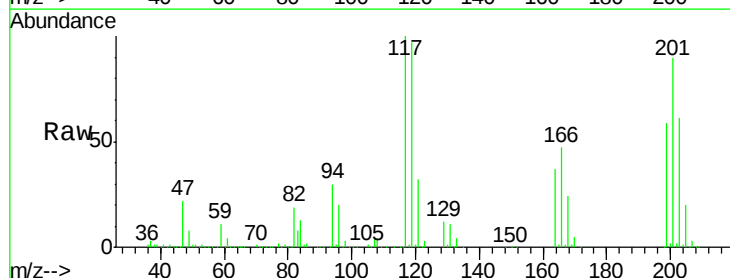


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

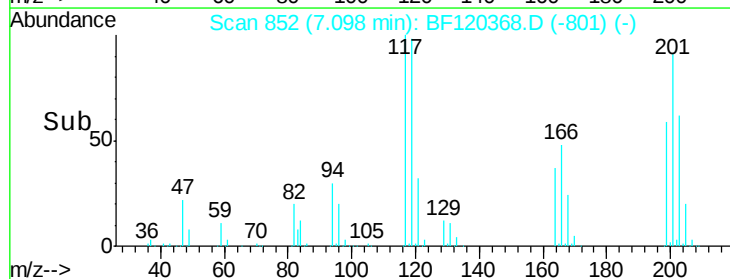
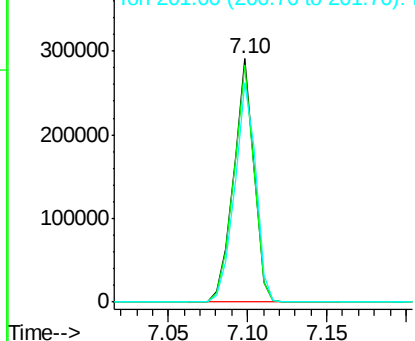


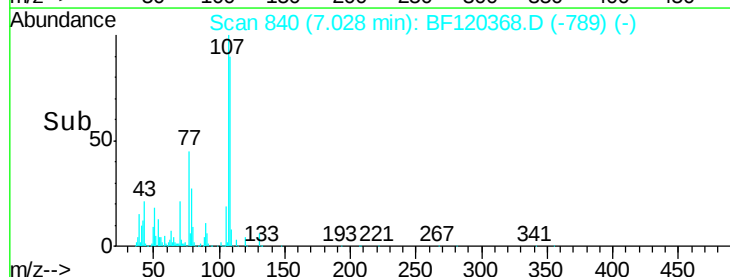
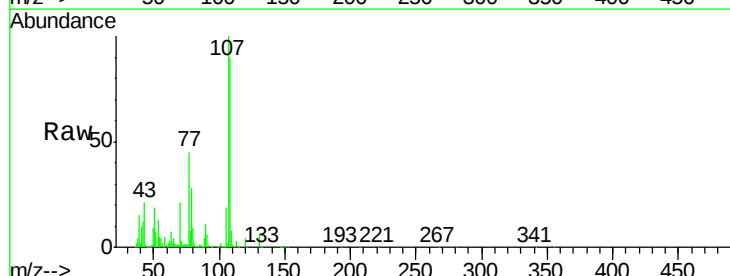
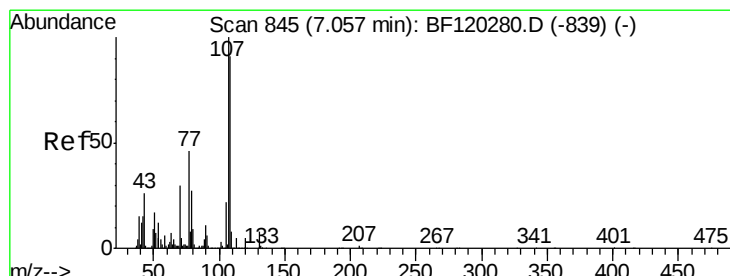
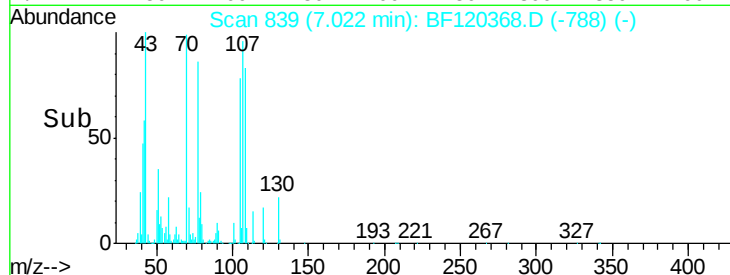
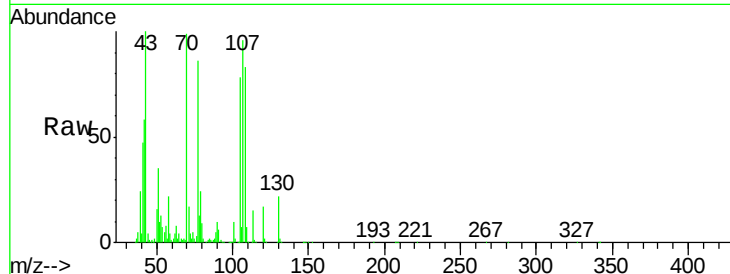
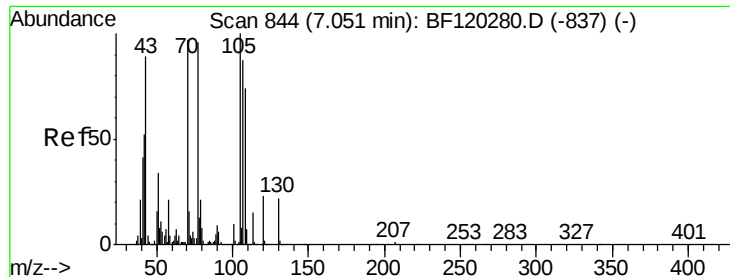
#18
Hexachloroethane
Concen: 39.57 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion:	117	Resp:	259441
Ion Ratio	Lower	Upper	
117	100		
119	97.5	77.4	116.0
201	90.0	74.9	112.3



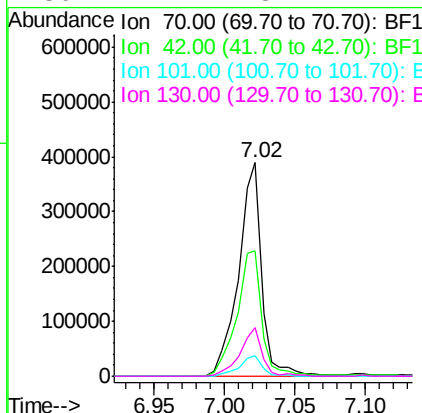
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.16 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	445693		
42	58.8	43.4	65.0	
101	9.6	7.8	11.8	
130	22.7	18.2	27.4	



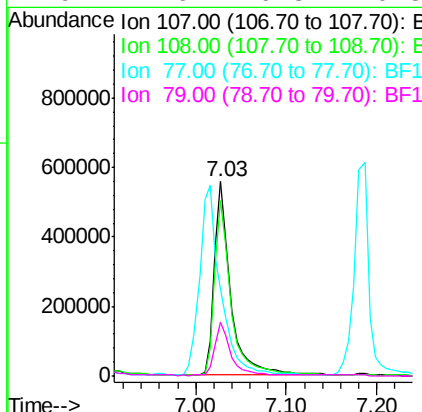
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

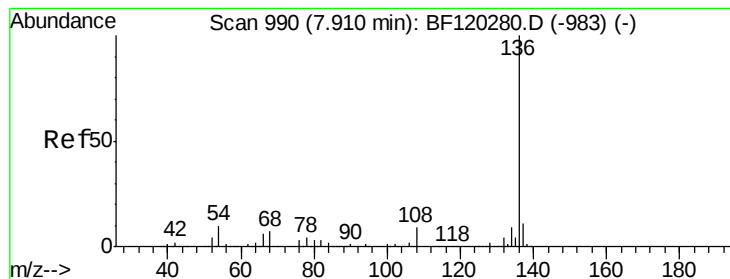
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#20
3+4-Methylphenols
Concen: 40.97 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	702298		
108	90.1	71.1	111.1	
77	44.9	28.1	68.1	
79	27.6	6.8	46.8	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1025507

Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 10.0 7.9 11.9

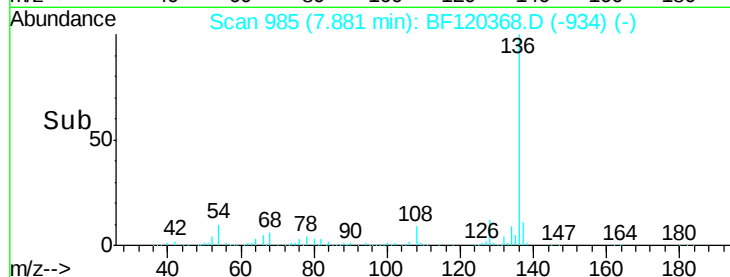
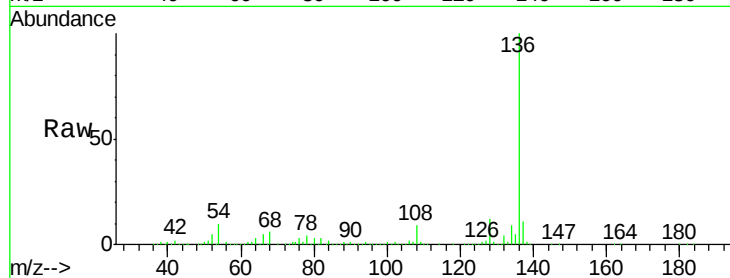
68 6.1 5.4 8.2

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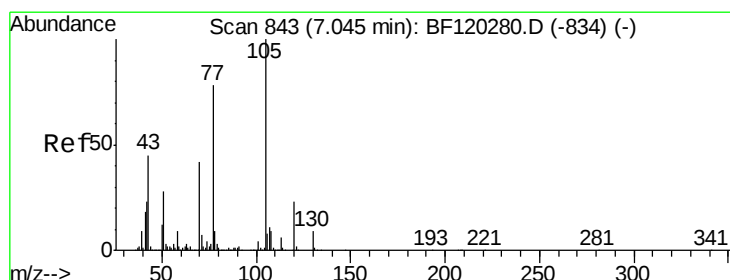
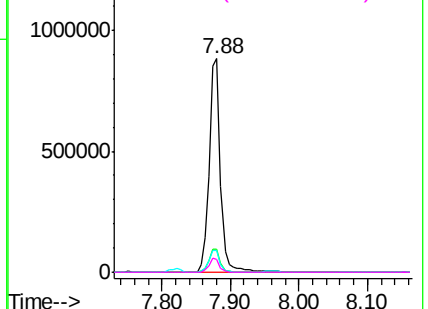


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.05 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:105 Resp: 904335

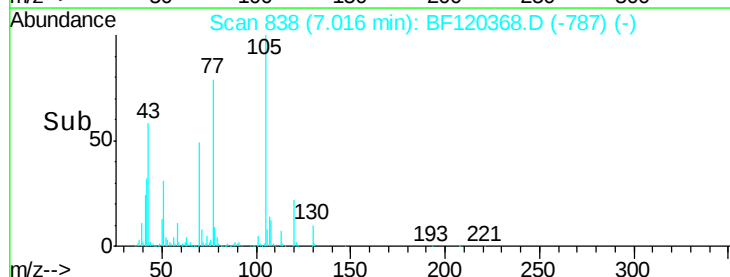
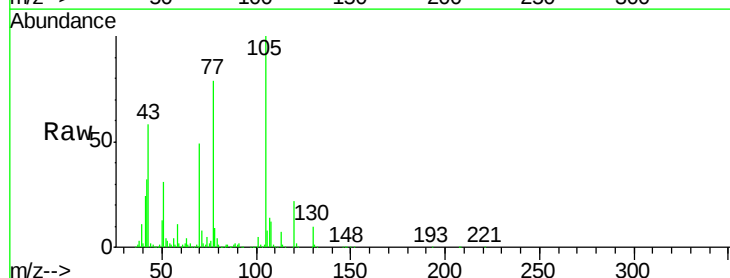
Ion Ratio Lower Upper

105 100

71 8.4 5.6 8.4

51 31.0 22.6 34.0

120 22.3 18.7 28.1

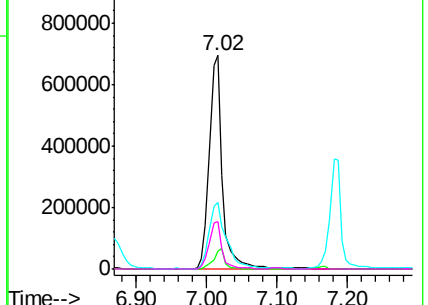


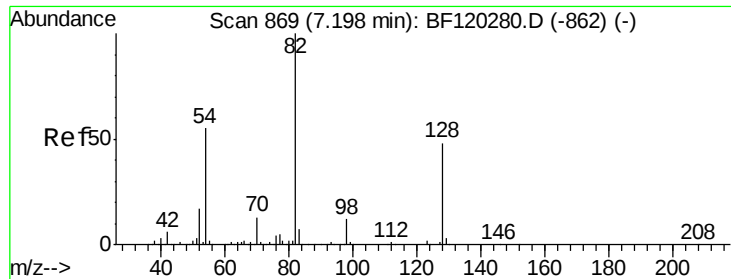
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





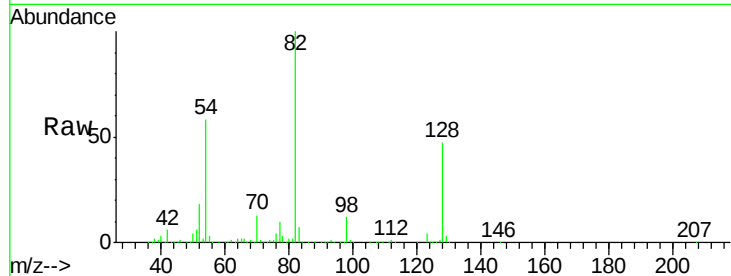
#23
Nitrobenzene-d5
Concen: 87.21 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

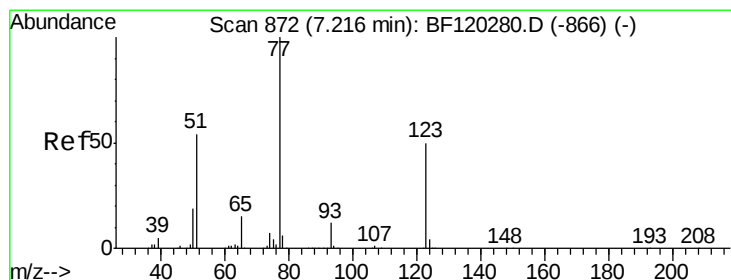
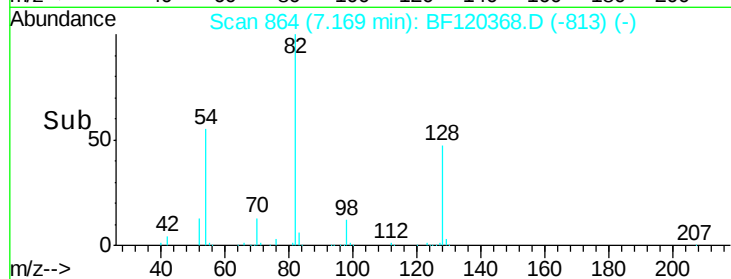
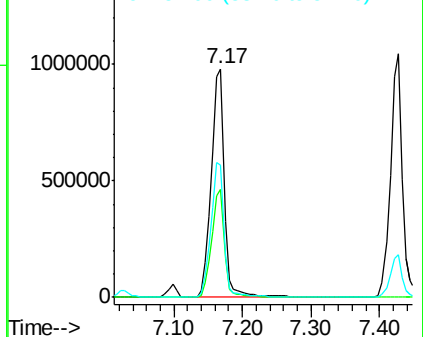
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.3	57.5
54	58.0	43.9	65.9

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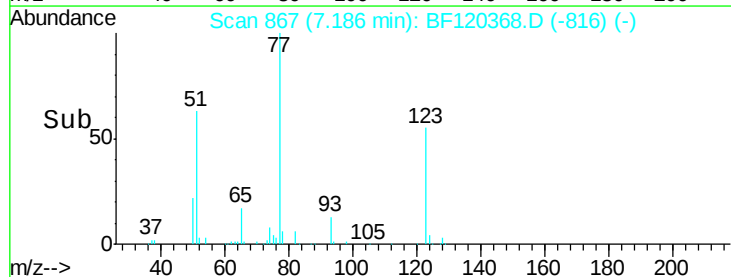
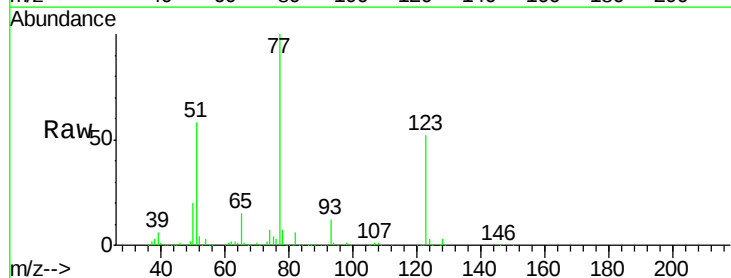
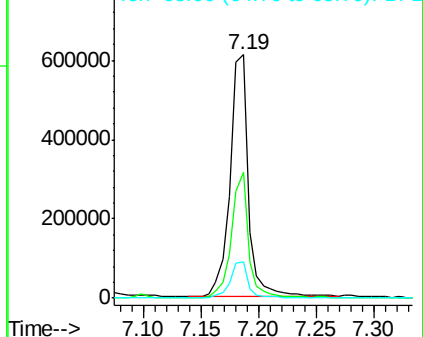
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

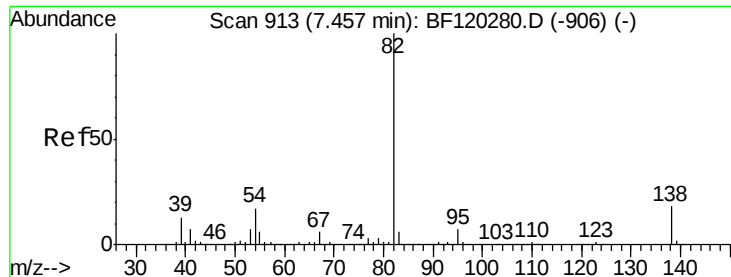


#24
Nitrobenzene
Concen: 41.82 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.6	40.0	60.0
65	14.8	11.7	17.5

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.33 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1288128

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

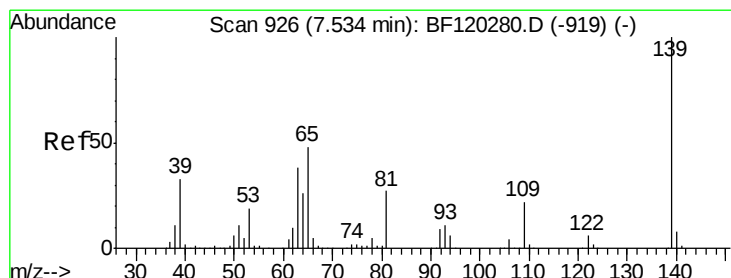
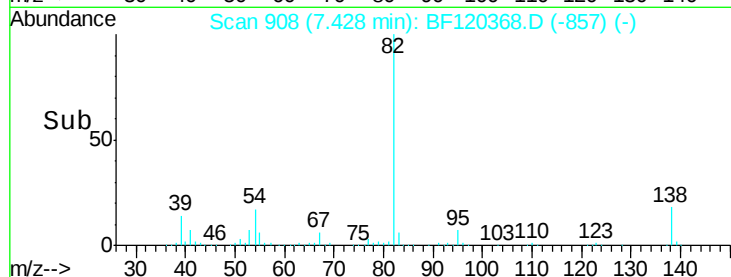
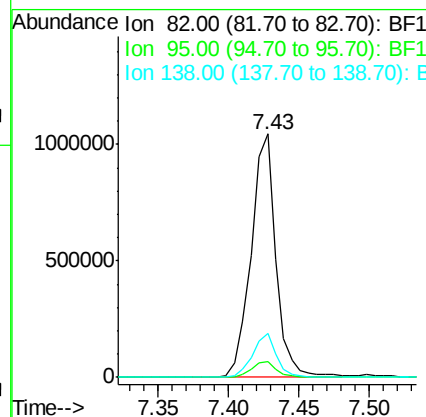
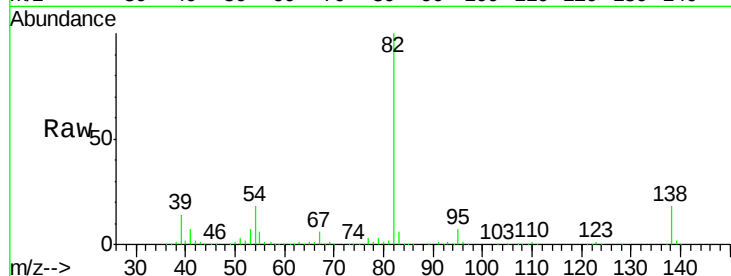
138 17.8 14.7 22.1

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#26

2-Nitrophenol

Concen: 42.15 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

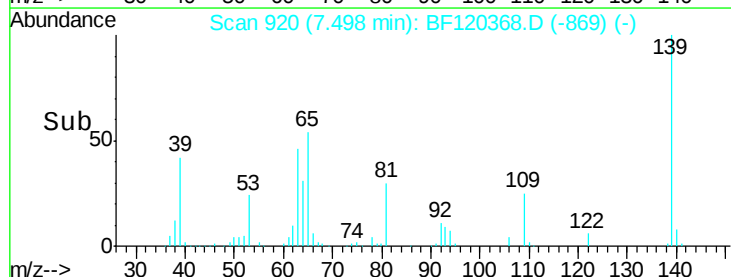
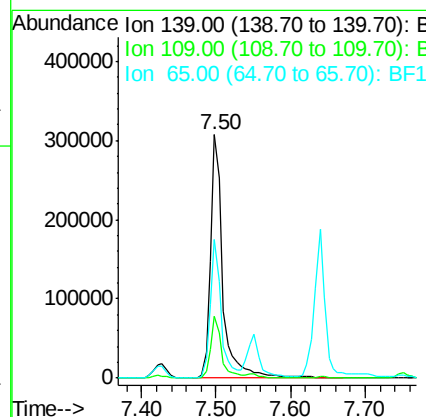
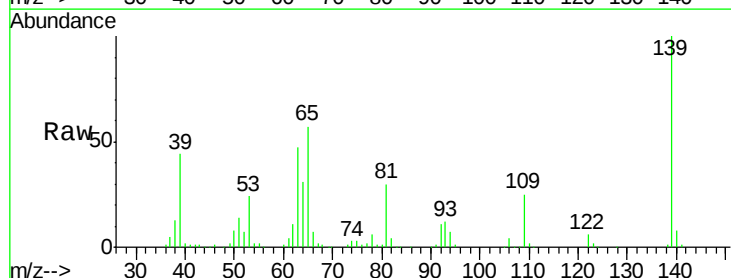
Tgt Ion: 139 Resp: 355345

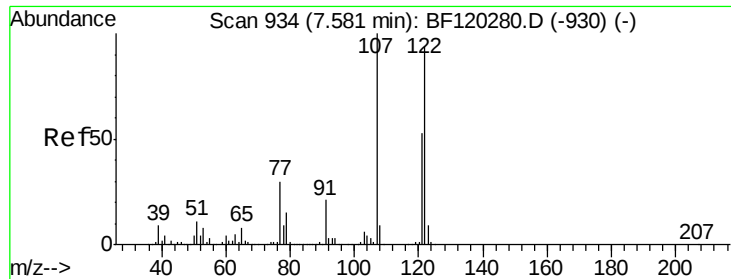
Ion Ratio Lower Upper

139 100

109 25.2 17.7 26.5

65 56.7 38.3 57.5





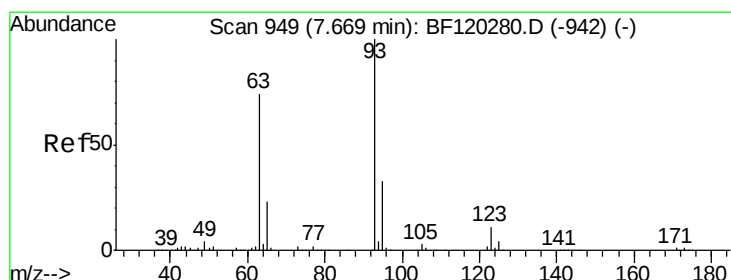
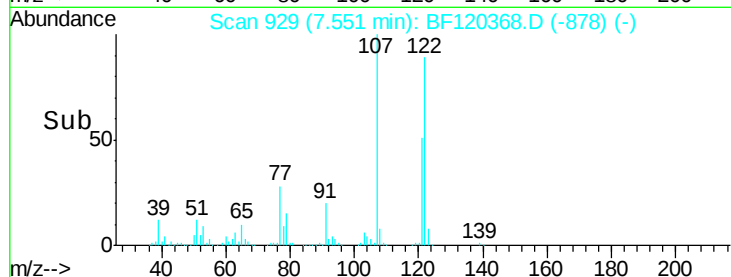
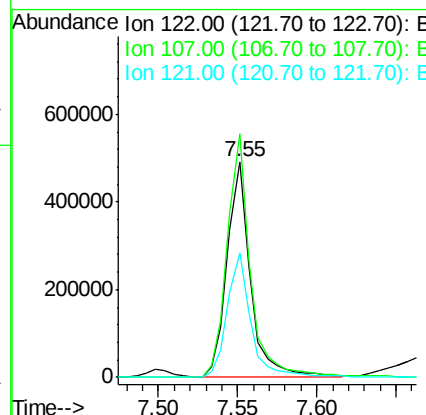
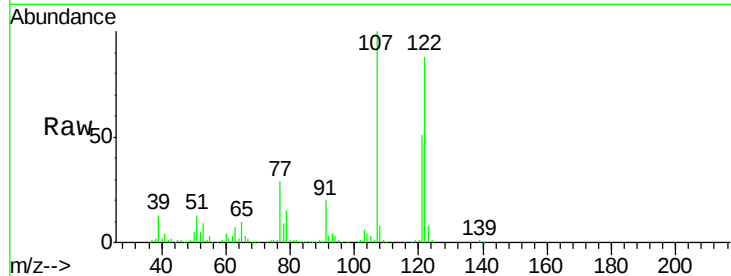
#27
2,4-Dimethylphenol
Concen: 40.96 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	502365		
107	113.0	85.0	127.6	
121	57.9	45.1	67.7	

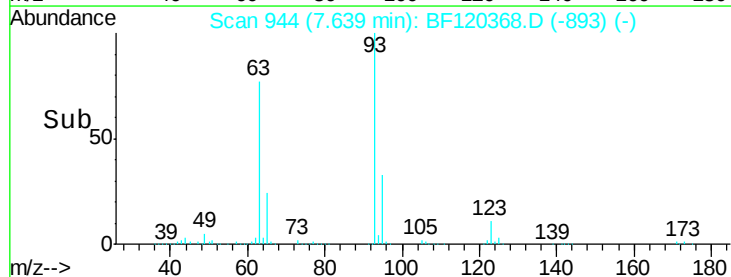
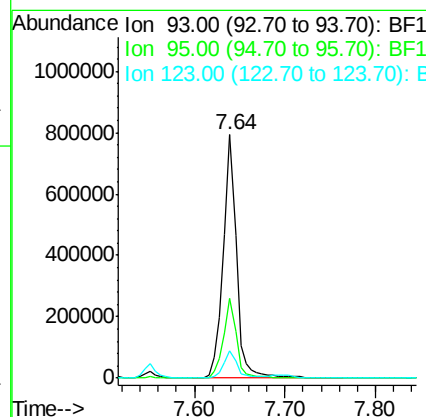
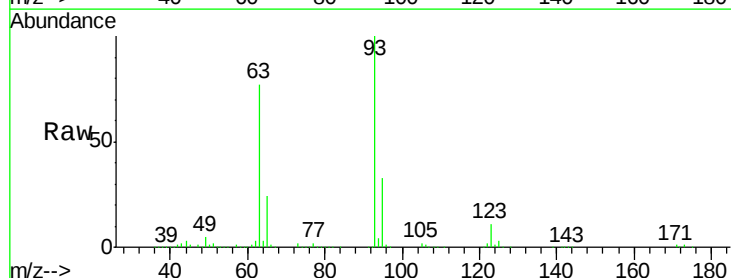
Manual Integrations
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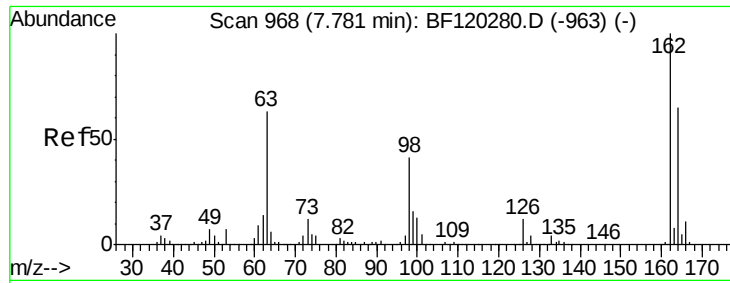
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.81 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	799425		
95	32.7	26.8	40.2	
123	11.0	9.2	13.8	





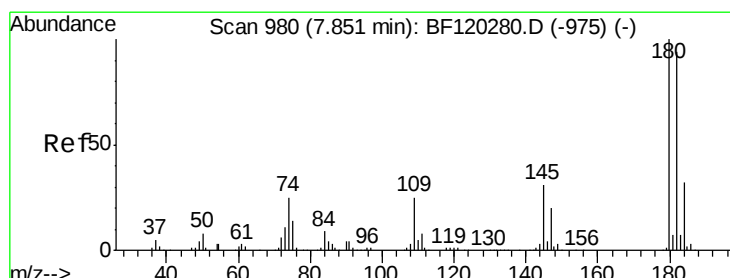
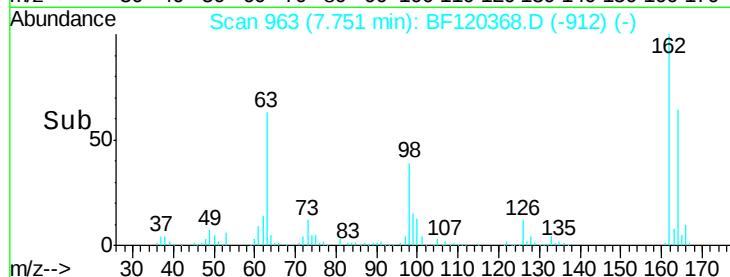
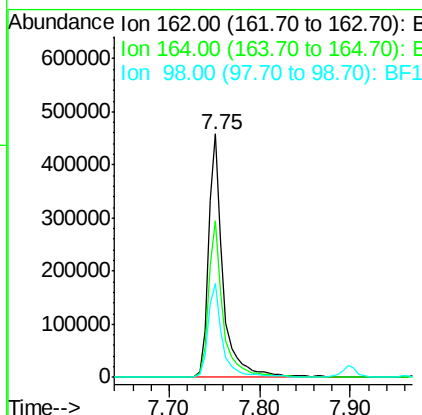
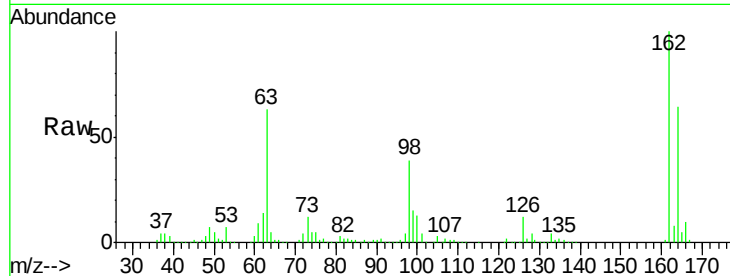
#29
 2,4-Dichlorophenol
 Concen: 41.13 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	517991		
164	64.4	44.9	84.9	
98	38.6	20.7	60.7	

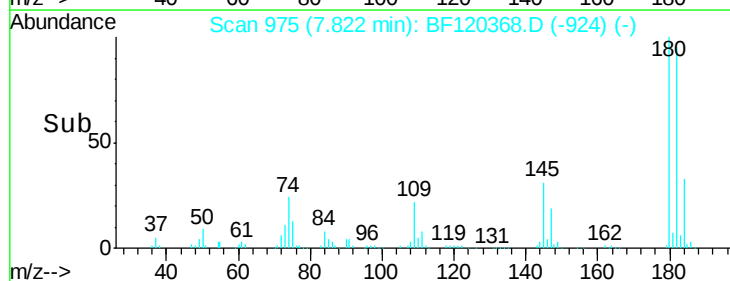
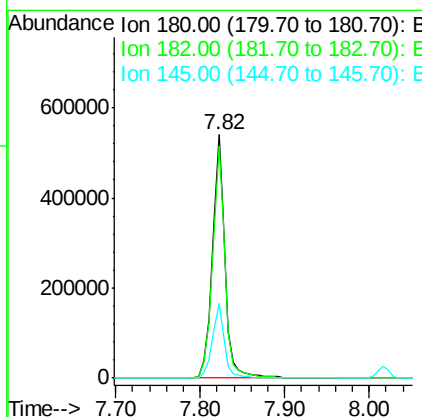
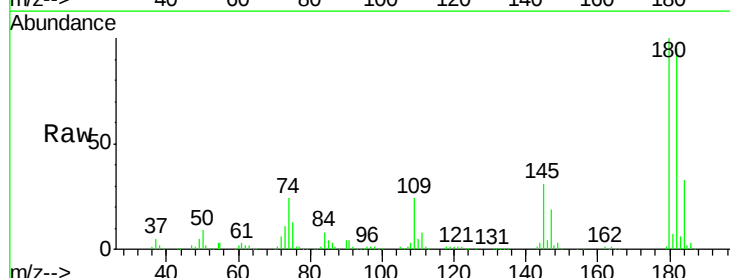
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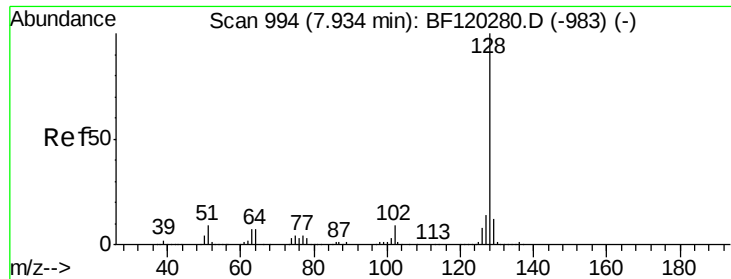
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.75 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	582667		
182	95.1	75.3	112.9	
145	30.8	24.9	37.3	





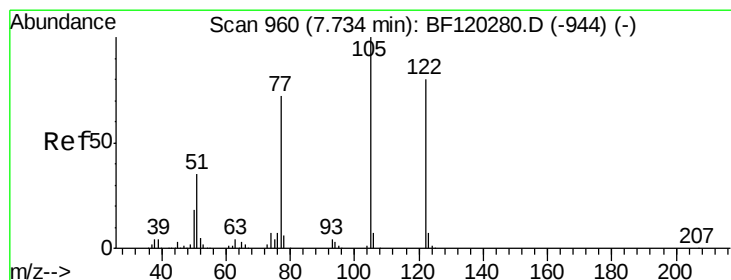
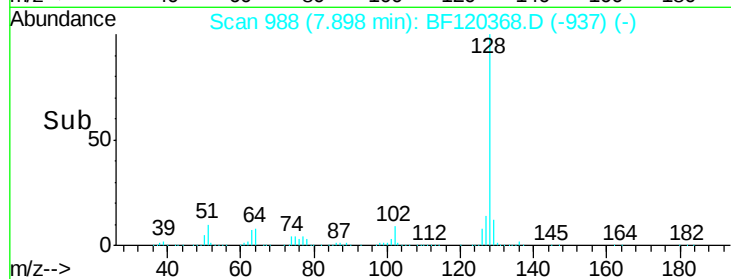
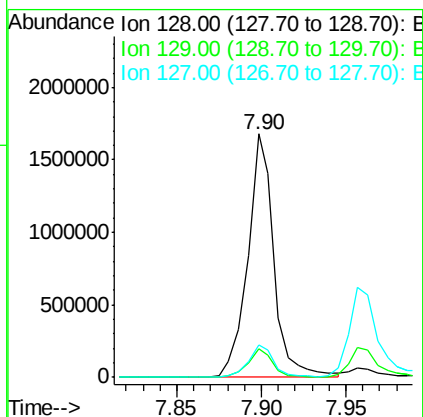
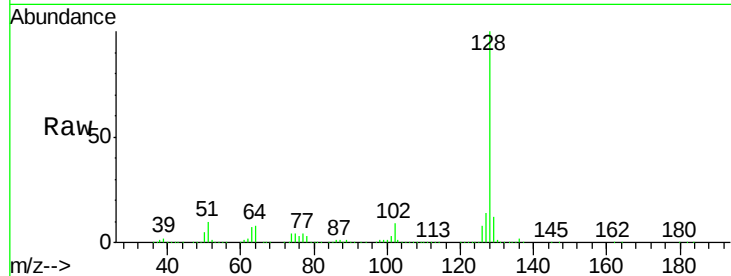
#31
Naphthalene
Concen: 42.10 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1822184
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 11.2 16.8

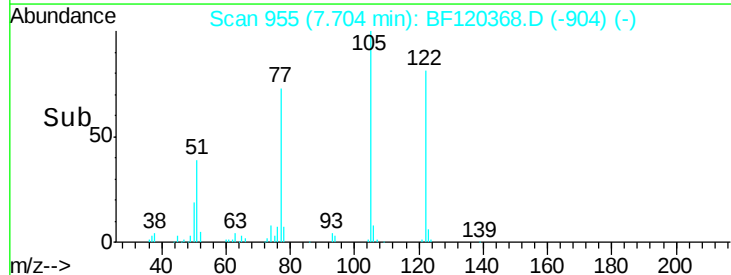
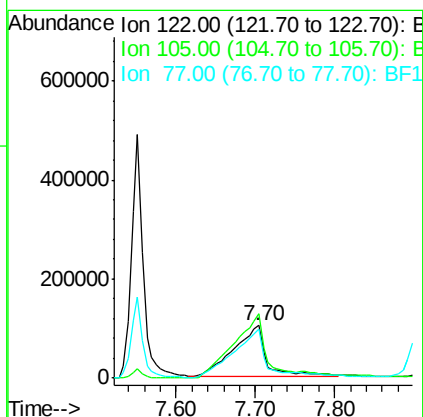
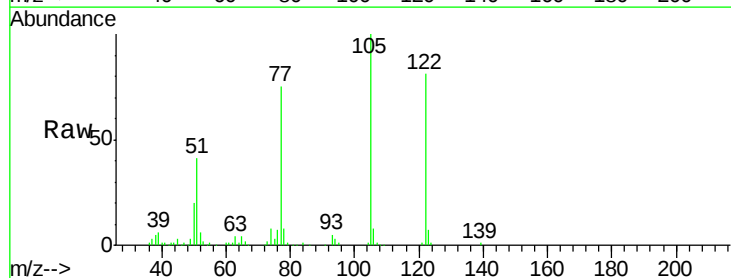
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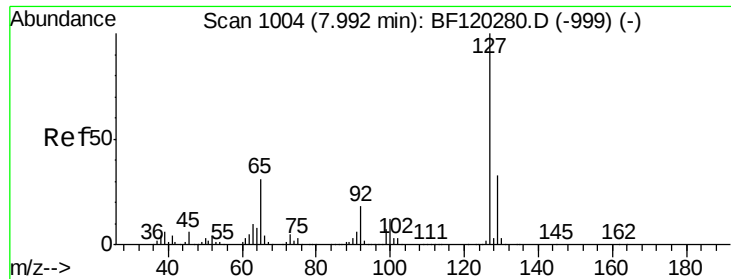
mohammad
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#32
Benzoic acid
Concen: 36.74 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion:122 Resp: 295329
Ion Ratio Lower Upper
122 100
105 123.2 98.1 138.1
77 92.8 66.7 106.7





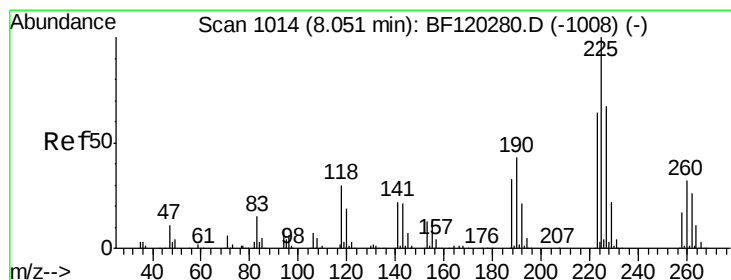
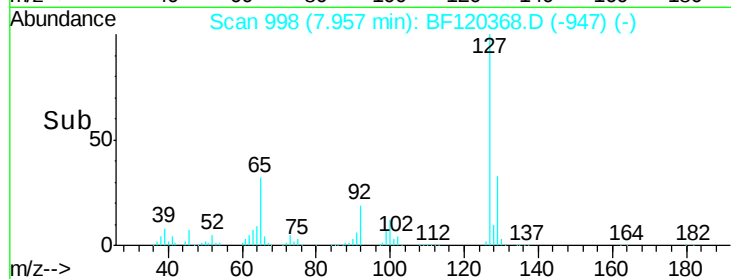
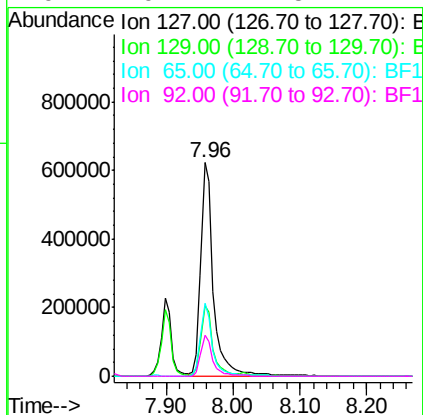
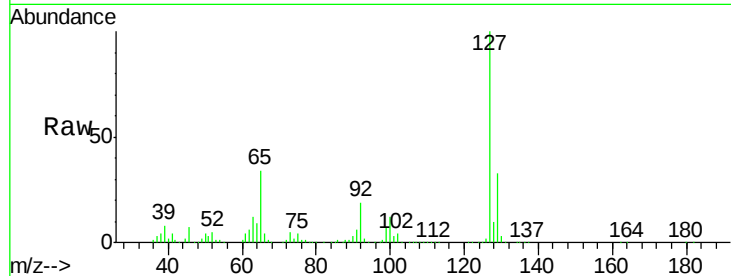
#33
4-Chloroaniline
Concen: 40.14 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	791818		
129	33.0	26.4	39.6	
65	34.0	24.8	37.2	
92	19.1	14.5	21.7	

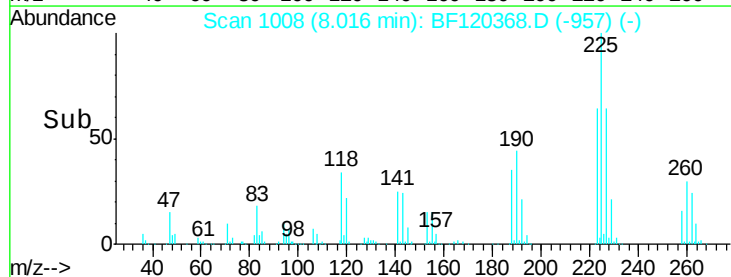
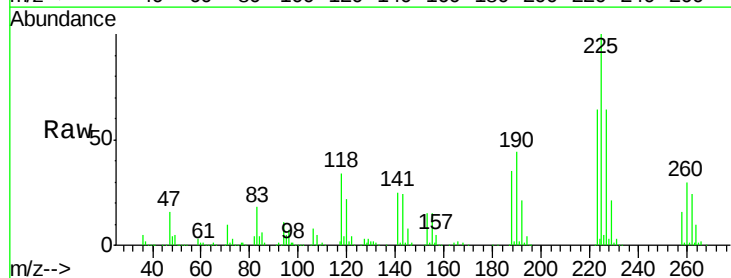
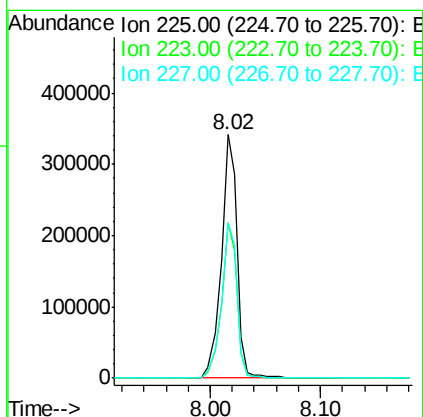
Manual Integrations
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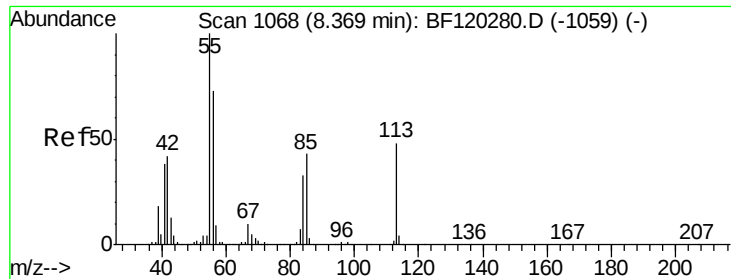
mohammad
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#34
Hexachlorobutadiene
Concen: 41.96 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	338530		
223	63.6	51.4	77.0	
227	63.9	54.0	81.0	





#35

Caprolactam

Concen: 38.55 ng

RT: 8.35 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

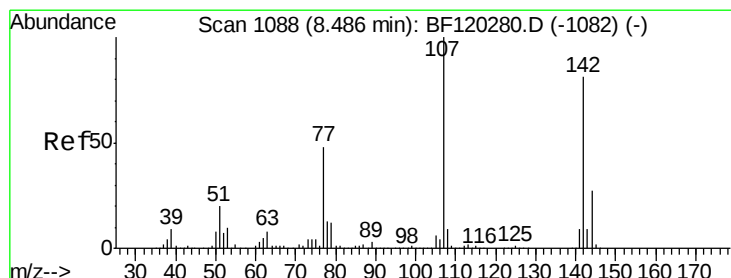
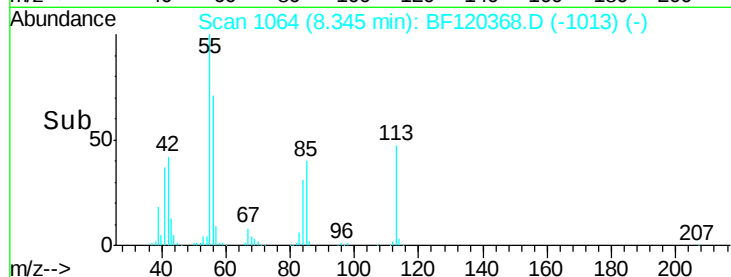
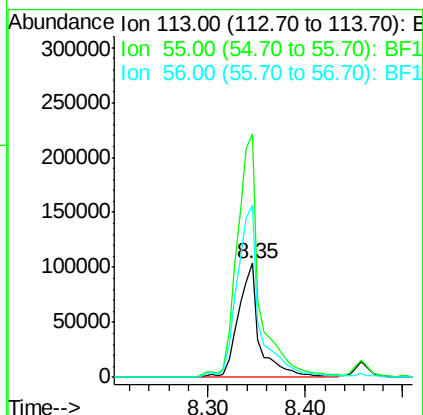
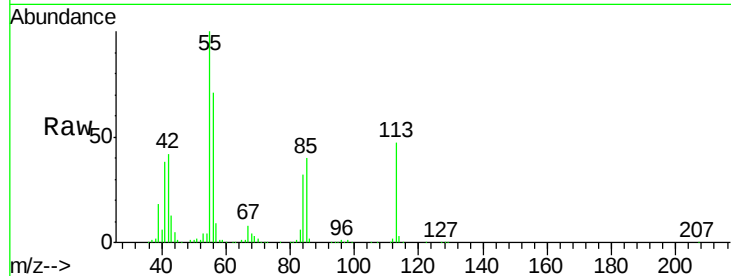
ClientSampleId :

SSTDCCC040

Tgt Ion:	113	Resp:	158835
Ion Ratio	Lower	Upper	
113	100		
55	213.1	190.4	230.4
56	150.8	132.7	172.7

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#36

4-Chloro-3-methylphenol

Concen: 39.24 ng

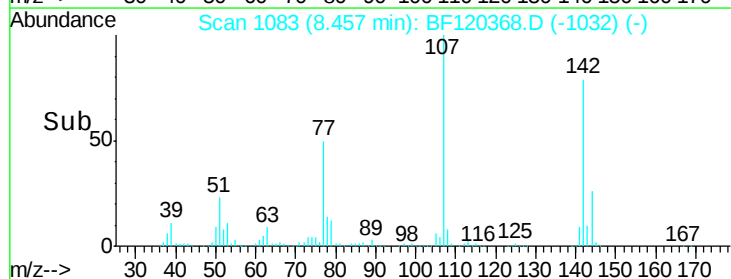
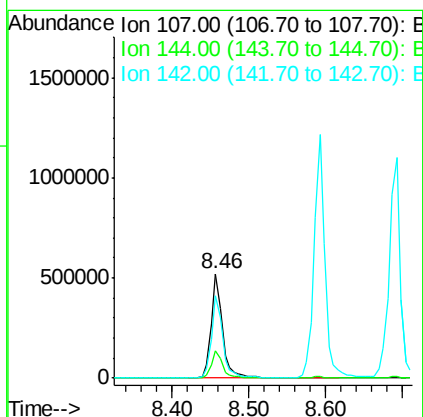
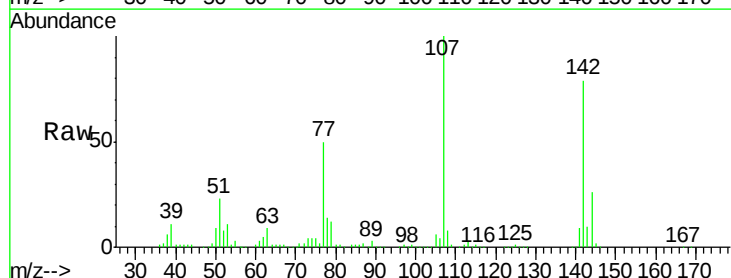
RT: 8.46 min Scan# 1083

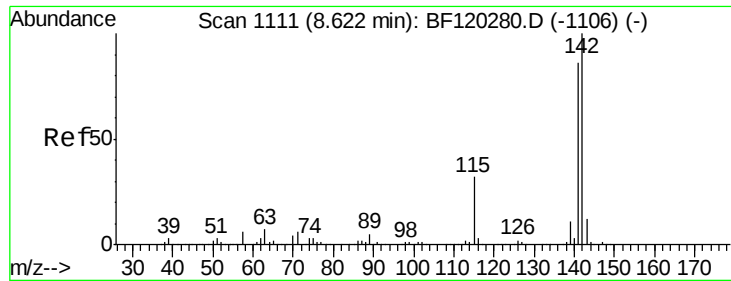
Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:	107	Resp:	534726
Ion Ratio	Lower	Upper	
107	100		
144	25.6	21.4	32.2
142	78.8	65.1	97.7





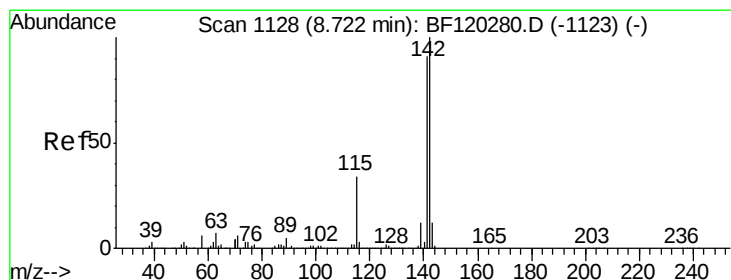
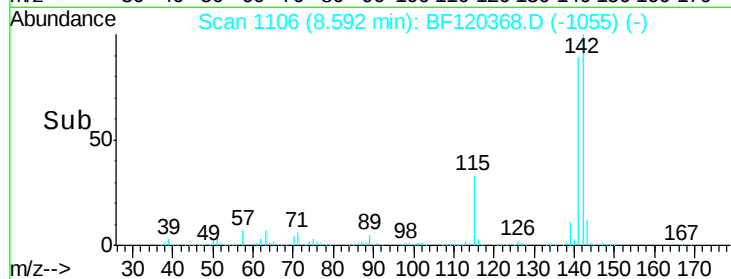
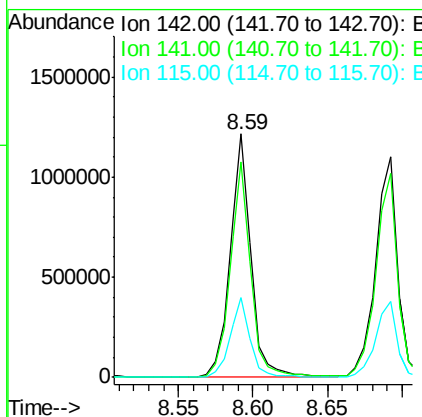
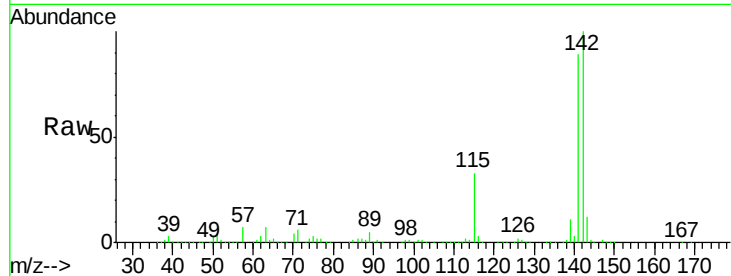
#37
2-Methylnaphthalene
Concen: 40.51 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1199855
Ion Ratio Lower Upper
142 100
141 88.5 68.8 103.2
115 32.6 25.7 38.5

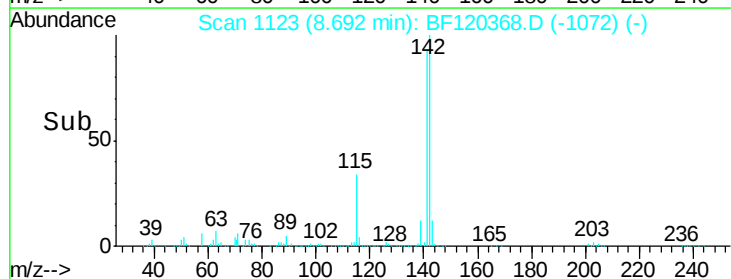
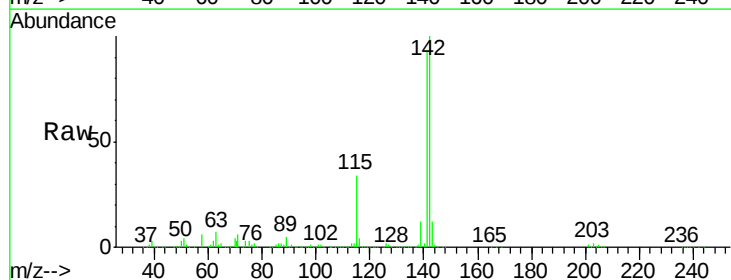
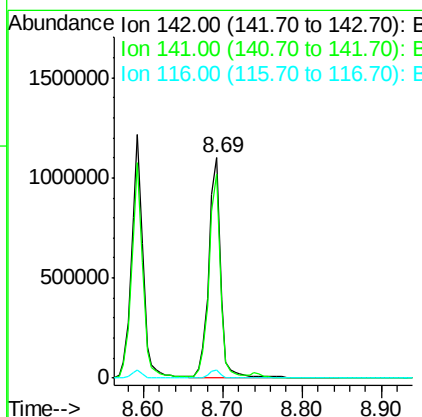
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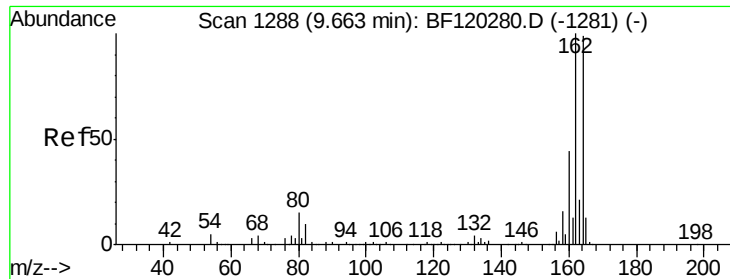
mohammad
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#38
1-Methylnaphthalene
Concen: 39.96 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion:142 Resp: 1147892
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.6
116 3.6 2.7 4.1





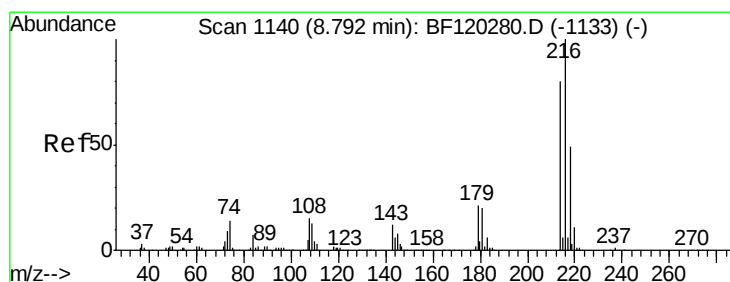
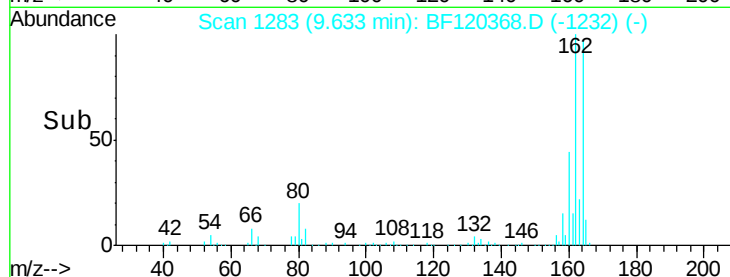
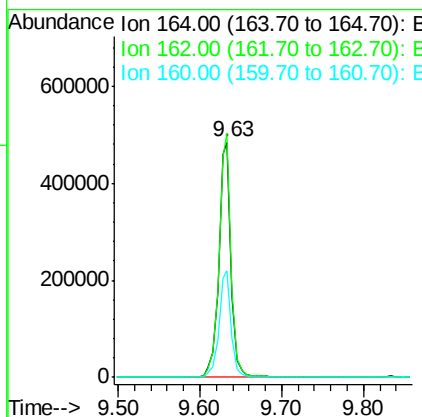
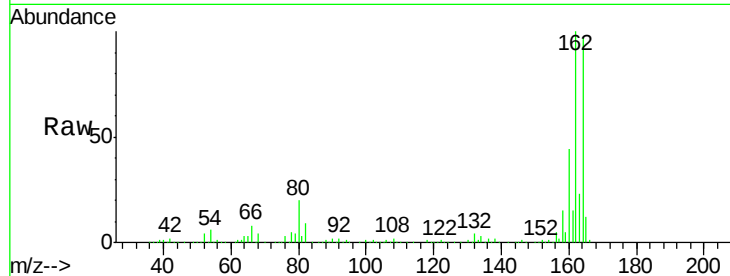
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	508261		
162	103.6	81.2	121.8	
160	45.5	35.8	53.6	

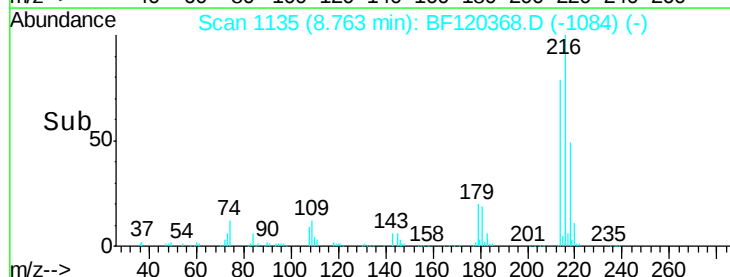
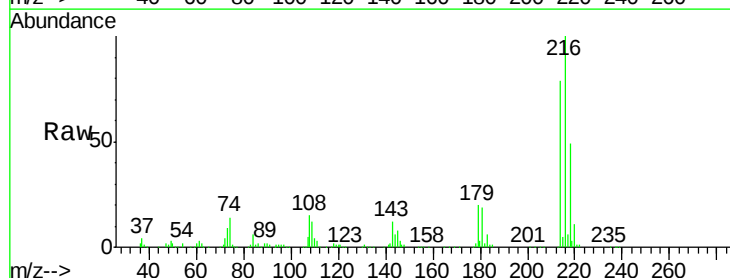
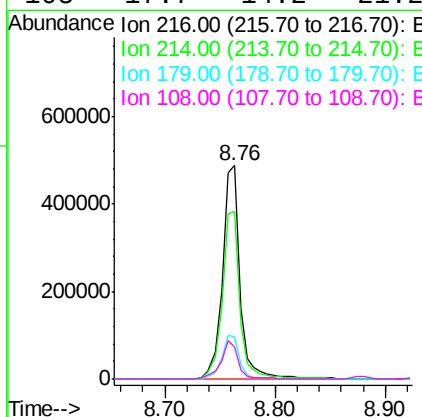
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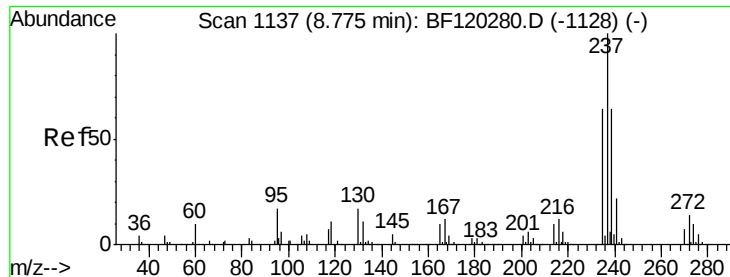
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.55 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	545259		
214	79.7	64.0	96.0	
179	20.9	16.9	25.3	
108	17.7	14.2	21.2	





#41

Hexachlorocyclopentadiene

Concen: 31.94 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

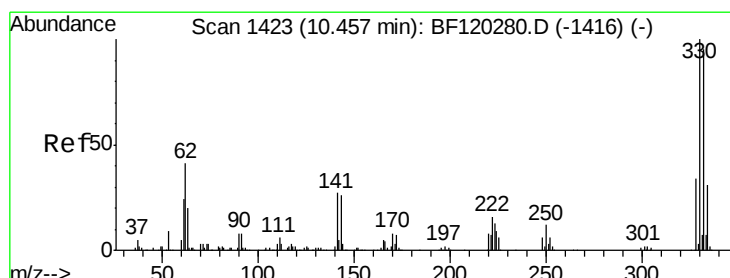
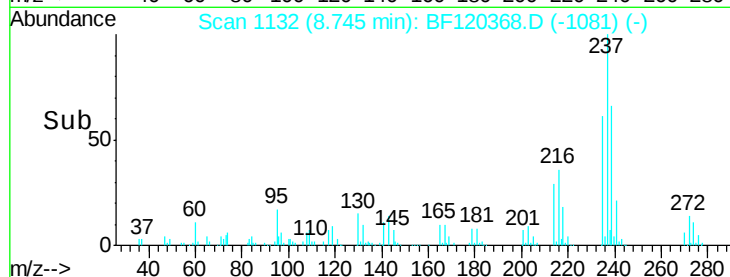
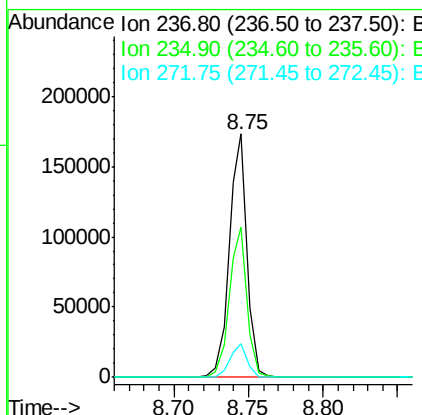
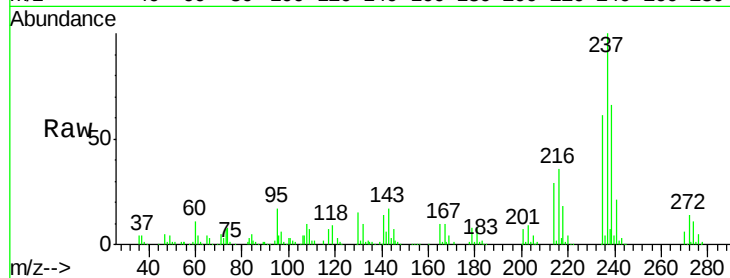
ClientSampleId :

SSTDCCC040

Tgt Ion:	237	Resp:	145919
Ion Ratio	Lower	Upper	
237	100		
235	61.5	43.8	83.8
272	13.7	0.0	33.9

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#42

2,4,6-Tribromophenol

Concen: 84.05 ng

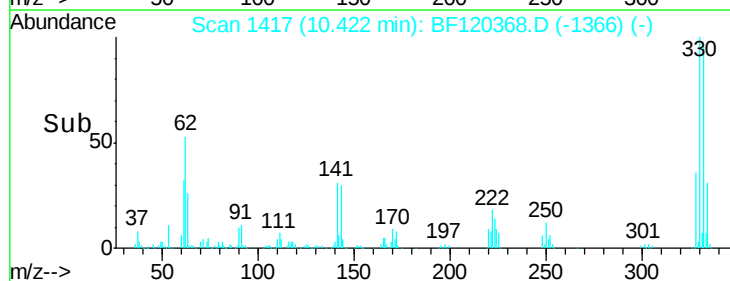
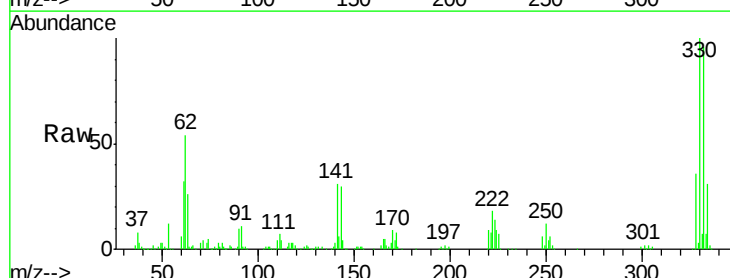
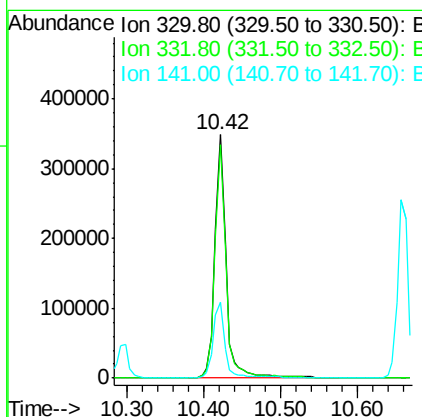
RT: 10.42 min Scan# 1417

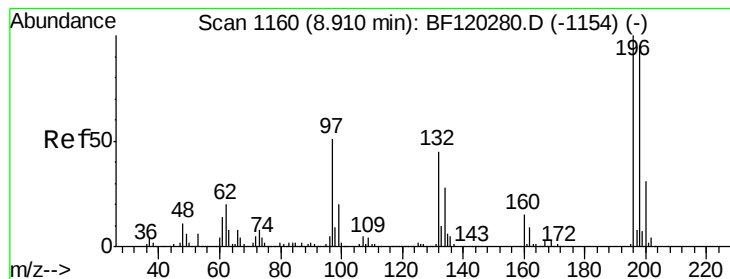
Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:	330	Resp:	348300
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.5	114.7
141	32.3	25.4	38.0





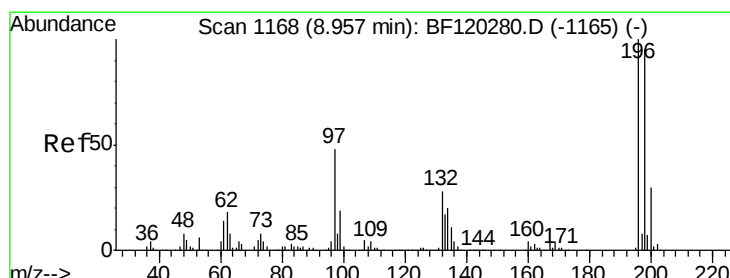
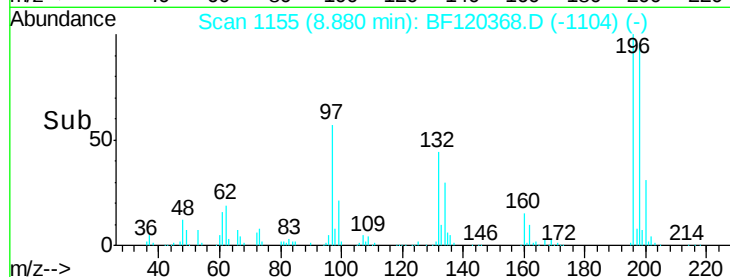
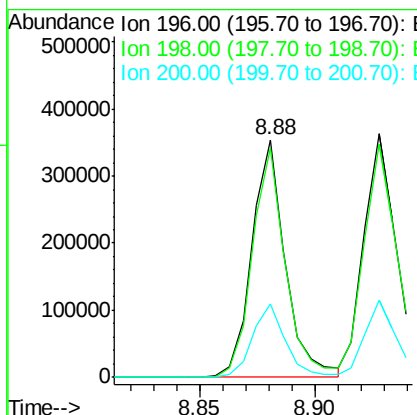
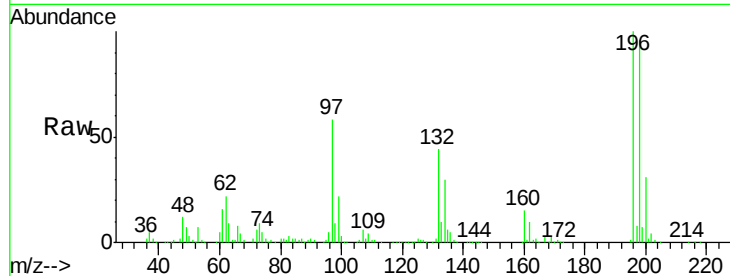
#43
 2,4,6-Trichlorophenol
 Concen: 41.75 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	359139
Ion Ratio	Lower	Upper	
196	100		
198	96.5	76.2	114.4
200	30.8	24.9	37.3

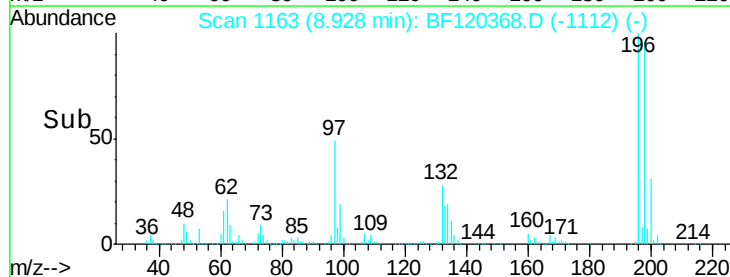
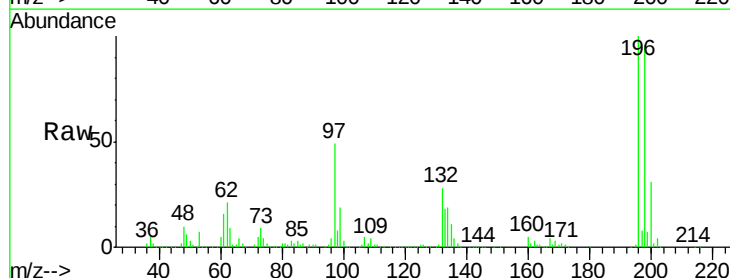
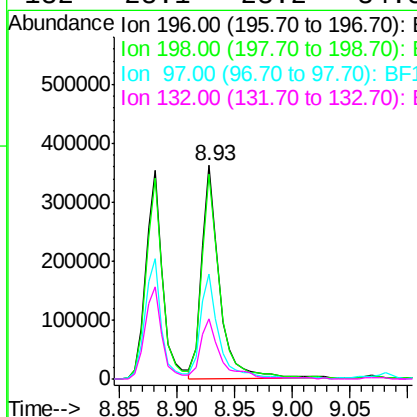
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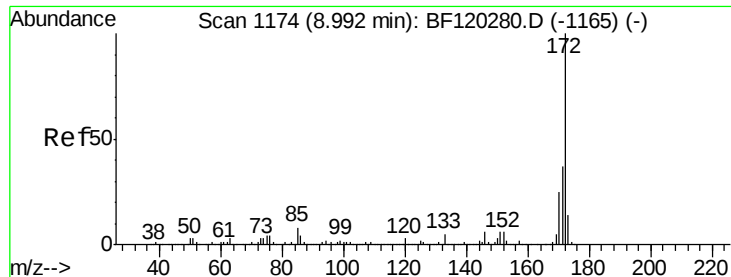
mohammad
 5/21/2020 10:22:54 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.99 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Tgt Ion:	196	Resp:	395117
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.2	114.4
97	49.0	38.6	57.8
132	28.1	23.2	34.8





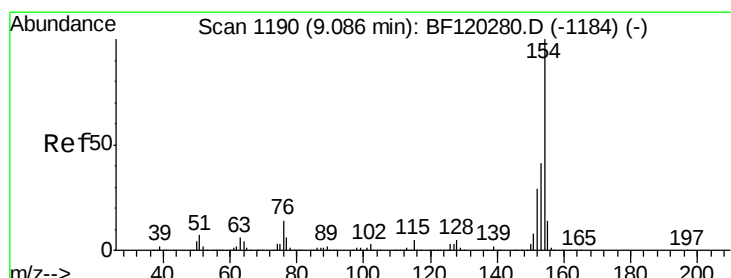
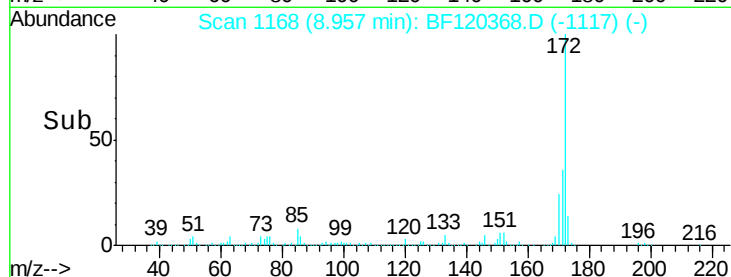
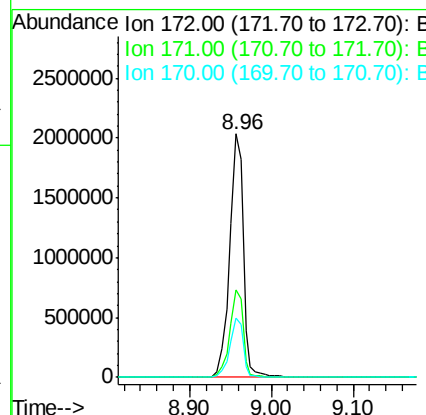
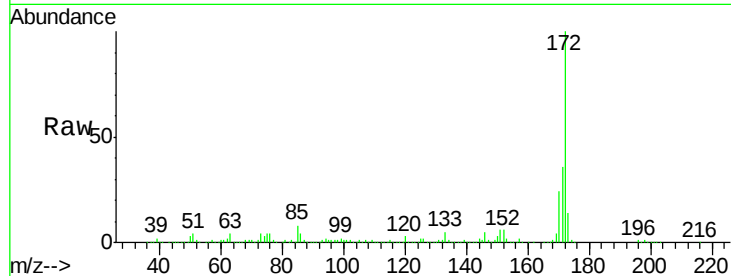
#45
2-Fluorobiphenyl
Concen: 95.26 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2356679
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.1 19.9 29.9

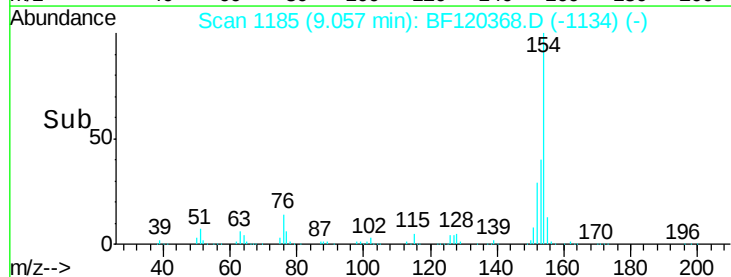
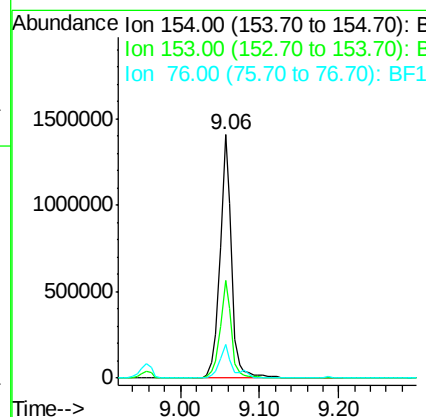
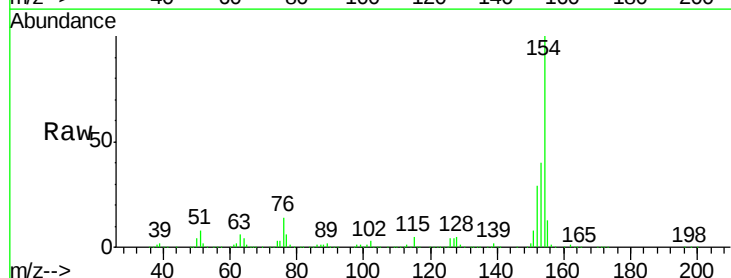
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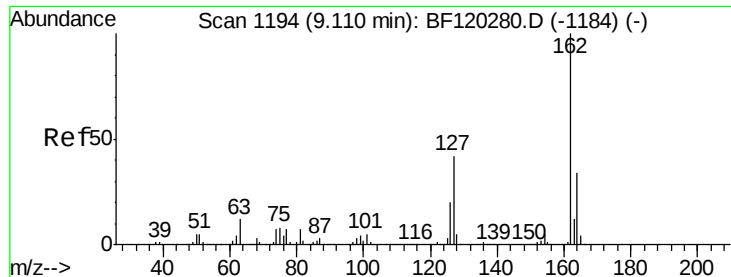
mohammad
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#46
1,1'-Biphenyl
Concen: 42.81 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion:154 Resp: 1425694
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 13.7 0.0 34.3





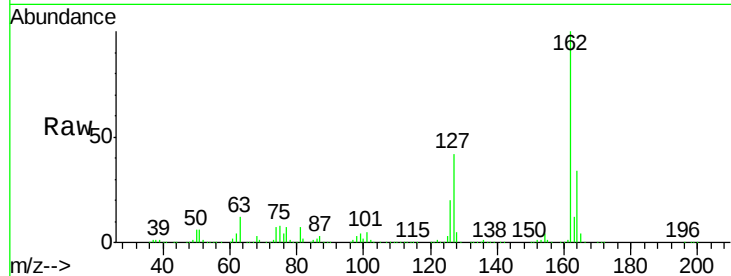
#47
 2-Chloronaphthalene
 Concen: 42.25 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

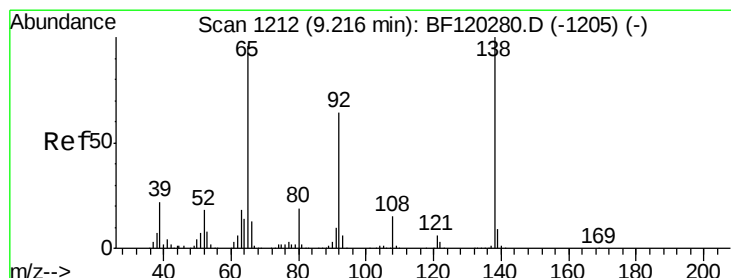
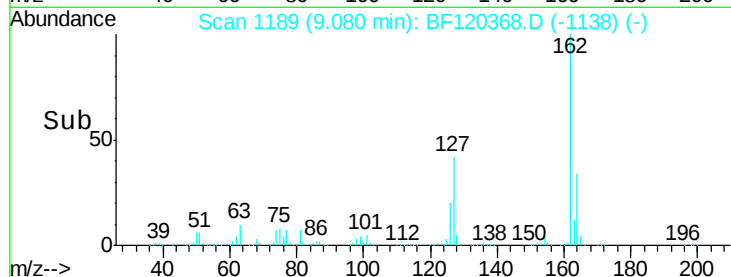
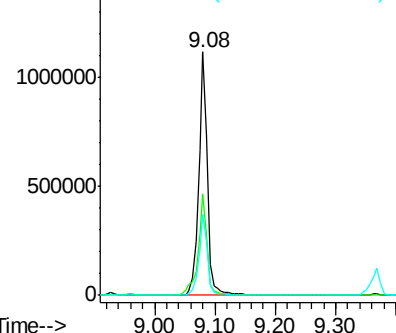
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.4	50.0
164	33.5	27.0	40.6

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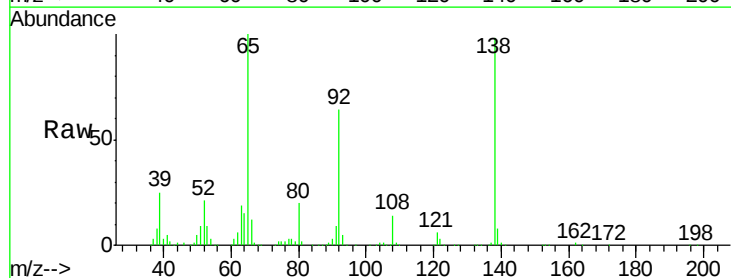


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

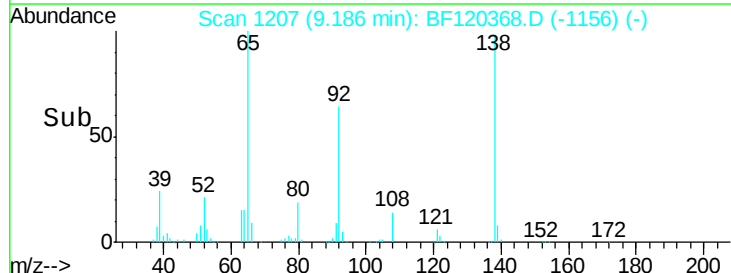
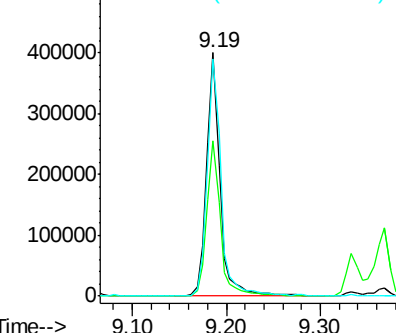


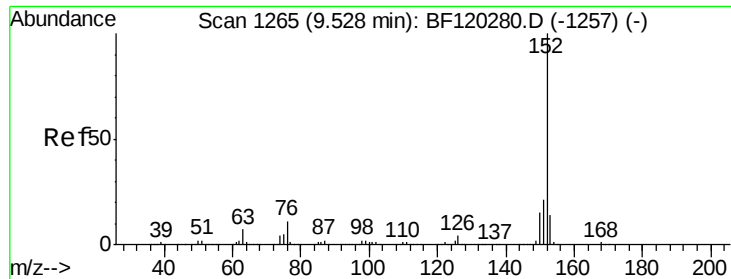
#48
 2-Nitroaniline
 Concen: 41.49 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	52.9	79.3
138	97.5	83.0	124.4



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





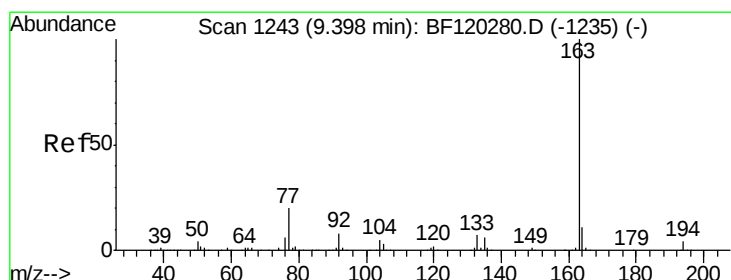
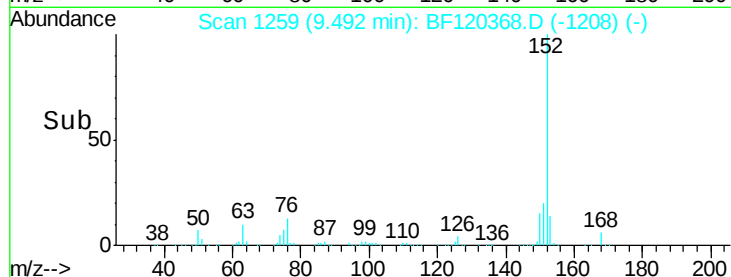
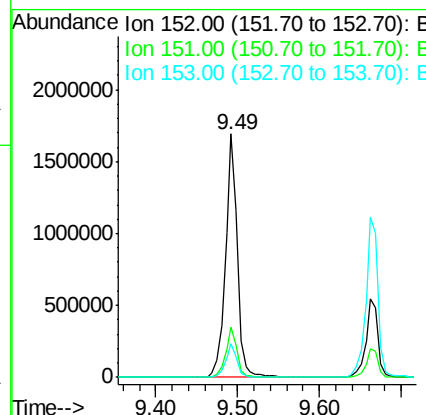
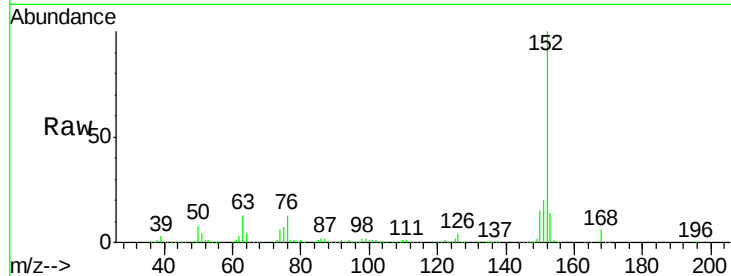
#49
Acenaphthylene
Concen: 42.08 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1717239
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 13.7 11.1 16.7

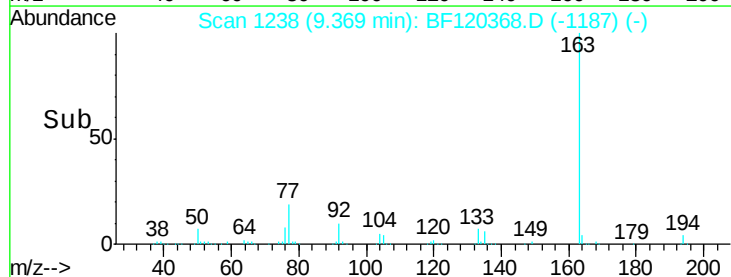
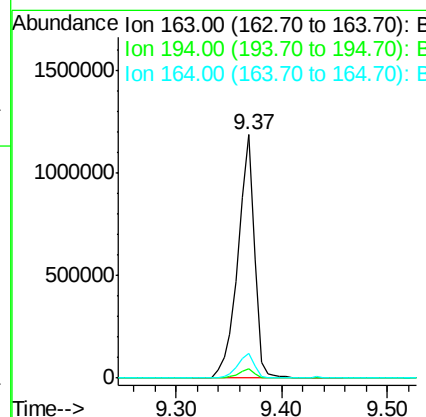
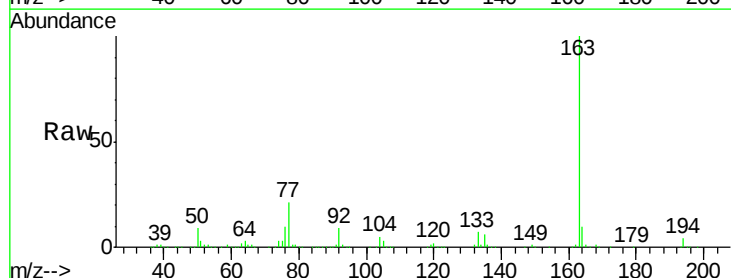
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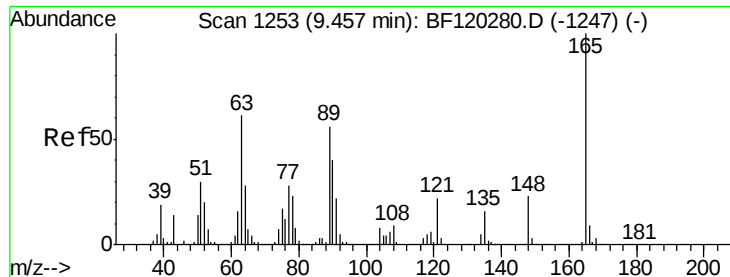
mohammad
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#50
Dimethylphthalate
Concen: 39.91 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion:163 Resp: 1282287
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.6 12.8





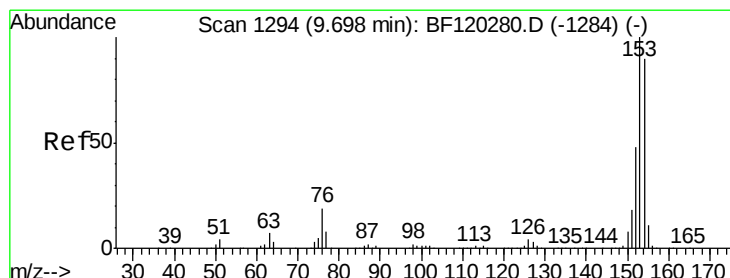
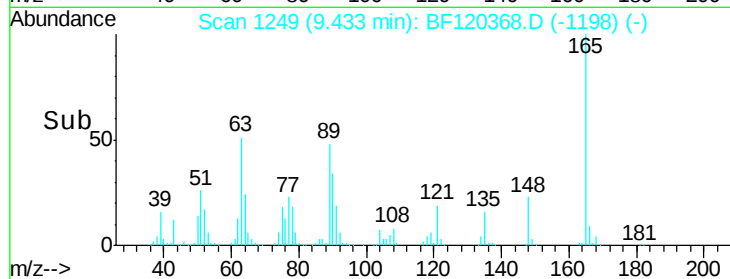
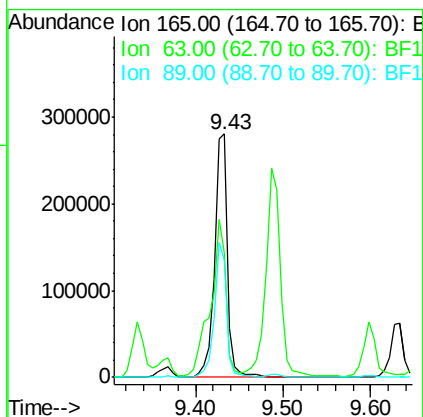
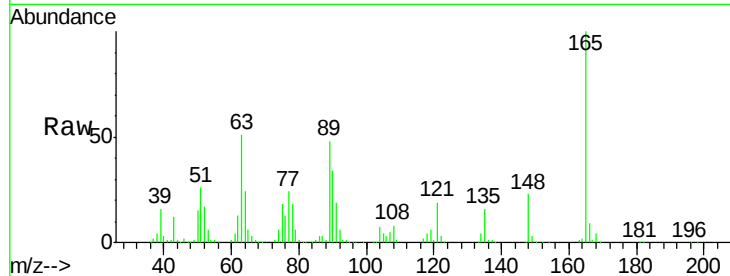
#51
2,6-Dinitrotoluene
Concen: 40.22 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	288437		
63	51.2	50.2	75.2	
89	48.1	44.6	66.8	

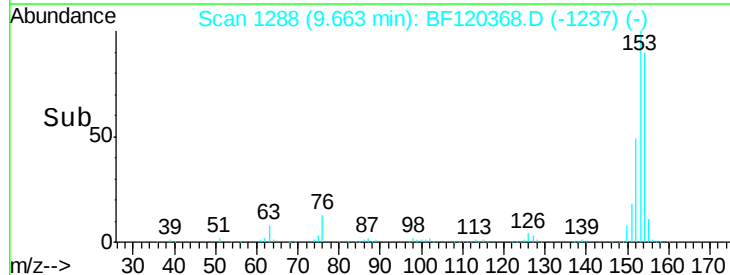
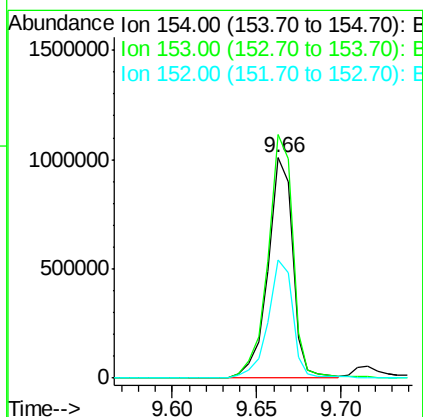
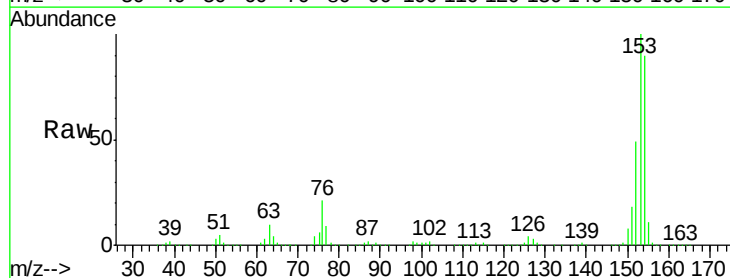
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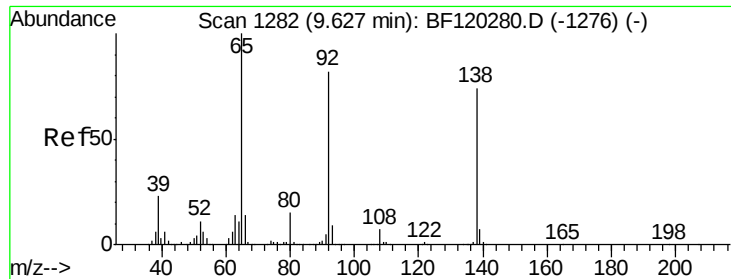
mohammad
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#52
Acenaphthene
Concen: 41.93 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1025505		
153	110.6	89.0	133.4	
152	53.9	42.6	64.0	





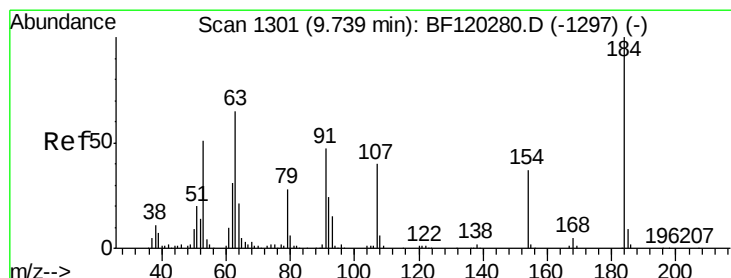
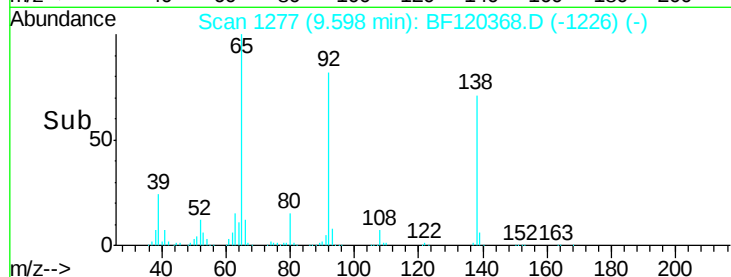
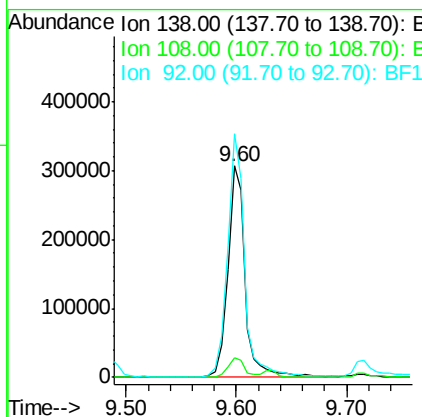
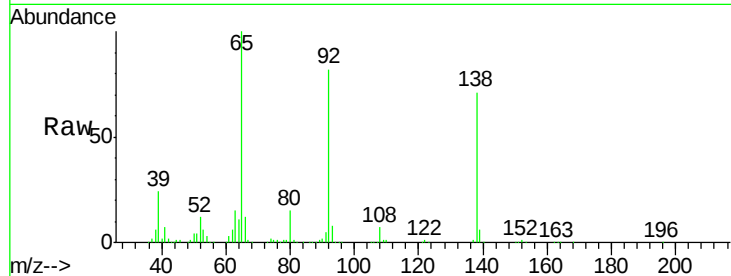
#53
3-Nitroaniline
Concen: 39.49 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	337698		
108	9.5	8.2	12.2	
92	115.4	89.6	134.4	

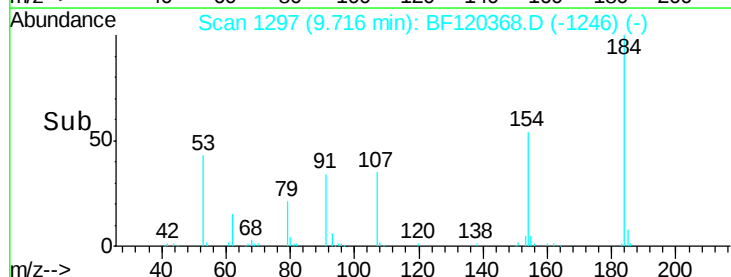
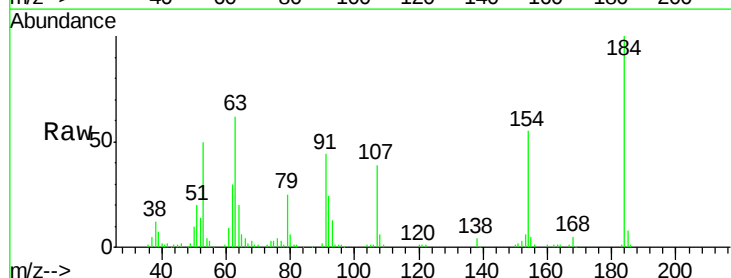
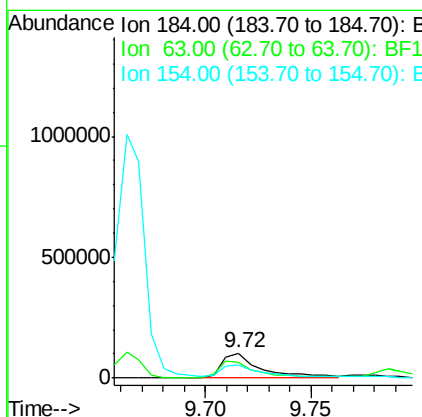
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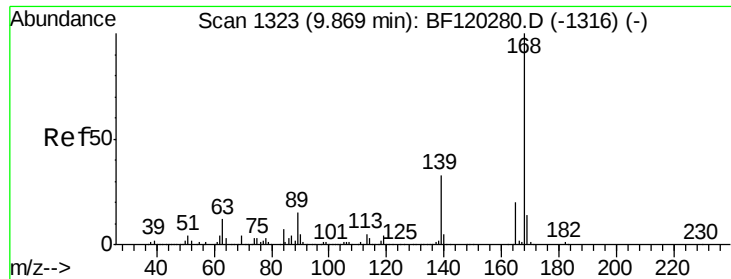
mohammad
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#54
2,4-Dinitrophenol
Concen: 39.41 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	133402		
63	62.1	53.6	80.4	
154	54.6	46.8	70.2	





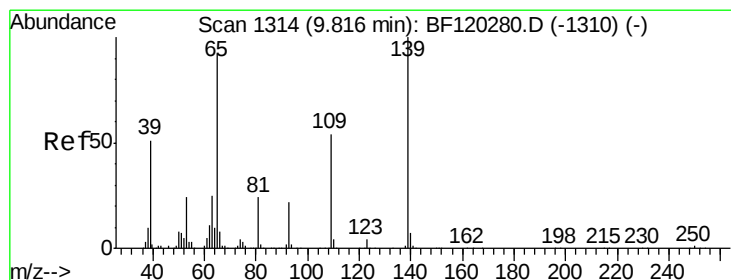
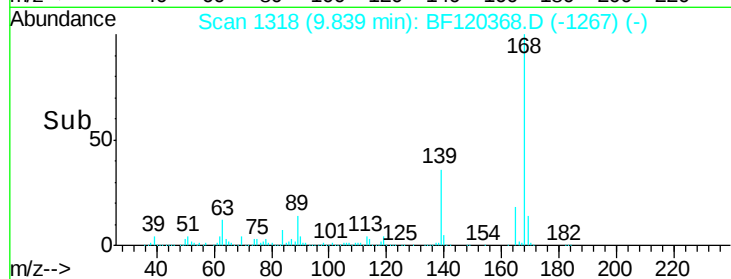
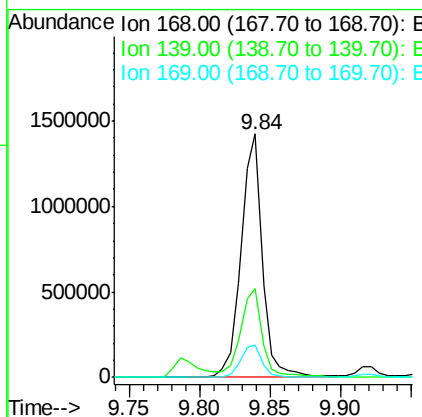
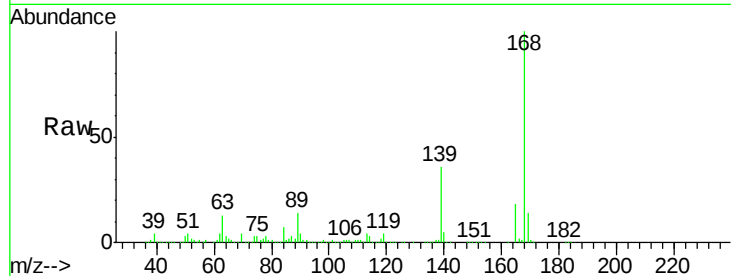
#55
Dibenzofuran
Concen: 42.58 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.8	44.6
169	13.5	11.0	16.6

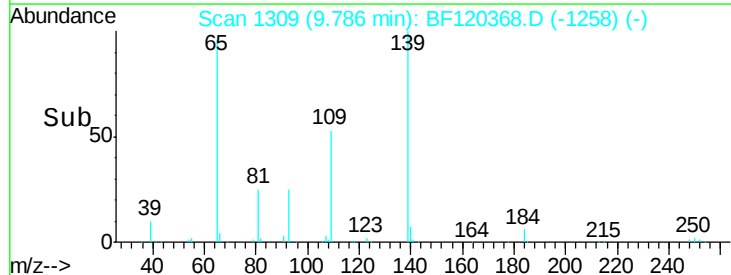
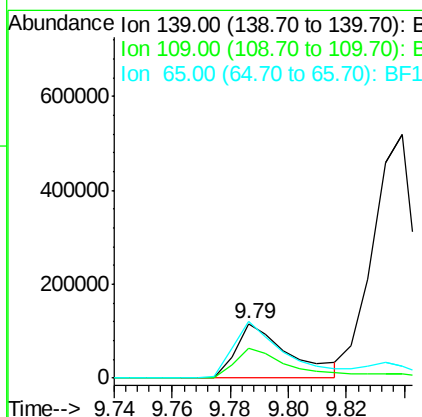
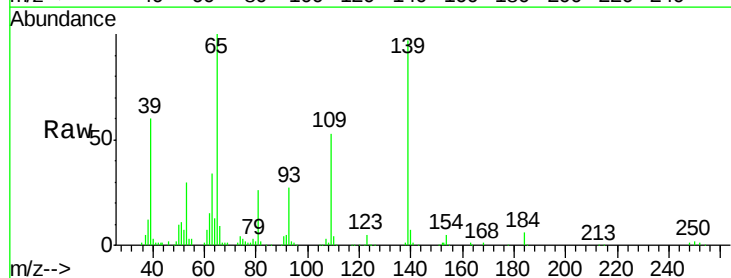
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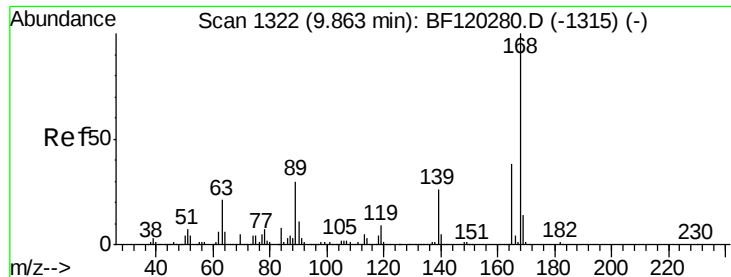
mohammad
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#56
4-Nitrophenol
Concen: 32.22 ng m
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	54.8	34.6	74.6
65	102.8	73.3	113.3





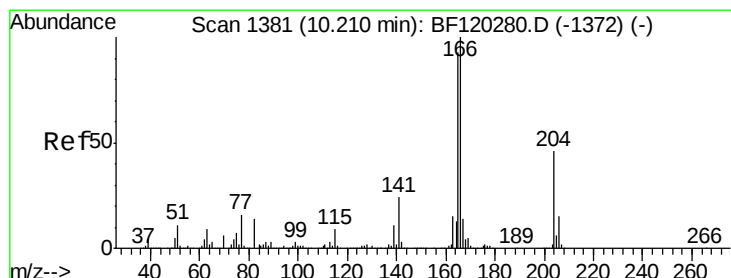
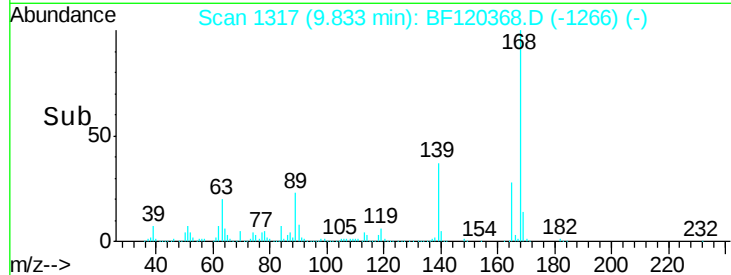
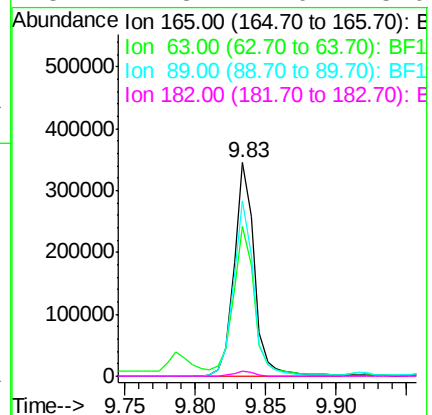
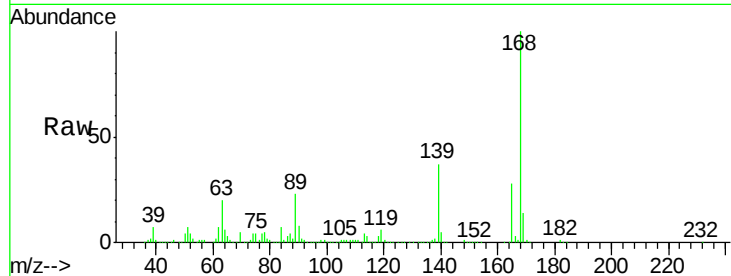
#57
 2,4-Dinitrotoluene
 Concen: 41.13 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	346005		
63	69.8	51.8	77.8	
89	82.3	64.2	96.4	
182	2.3	2.0	3.0	

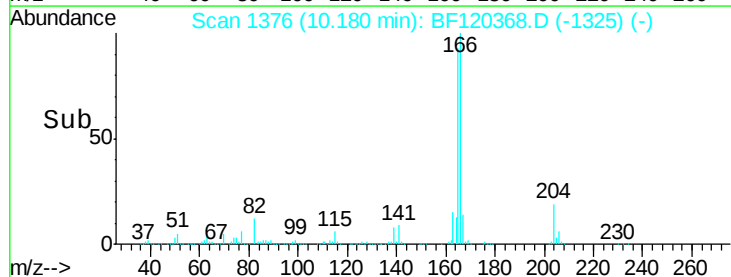
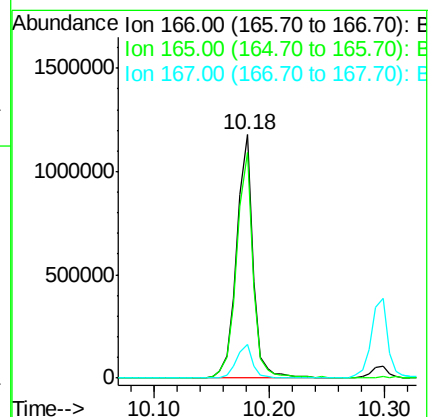
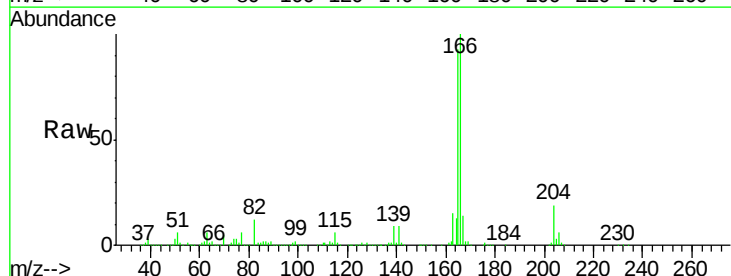
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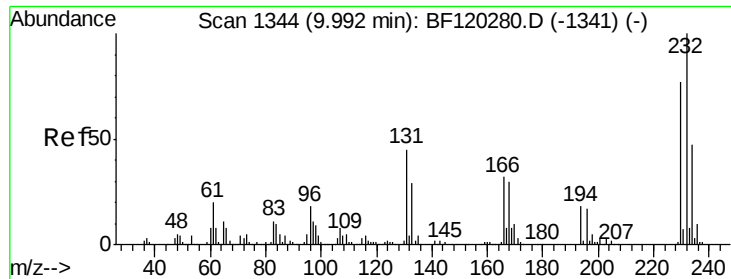
mohammad
 5/21/2020 10:22:54 AM



#58
 Fluorene
 Concen: 43.39 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1163800		
165	92.9	74.7	112.1	
167	13.7	11.4	17.0	





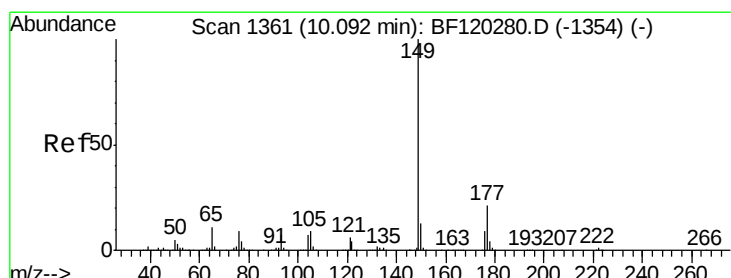
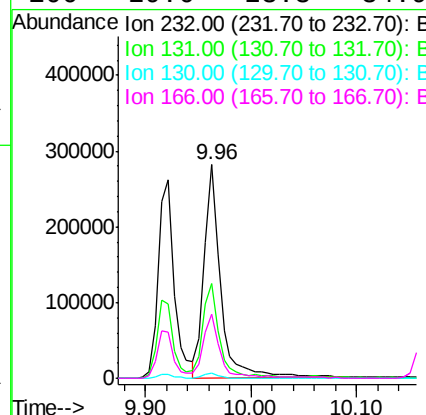
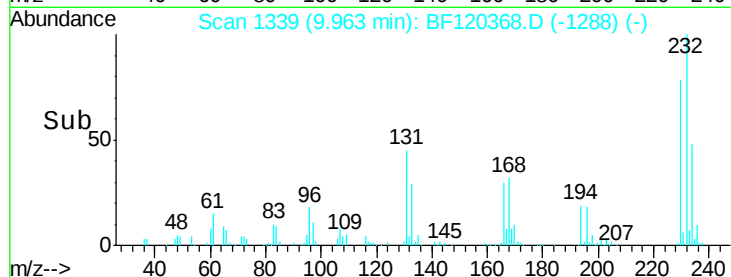
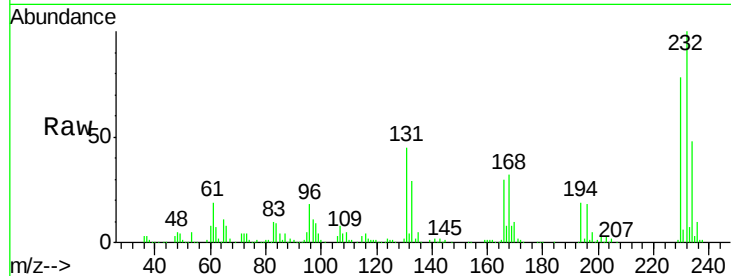
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.16 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	298609		
131	46.7		34.1	51.1
130	2.1		1.7	2.5
166	29.6		23.3	34.9

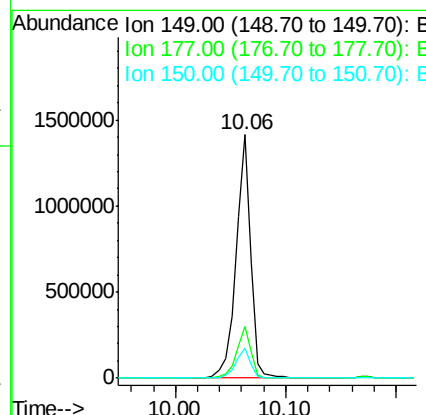
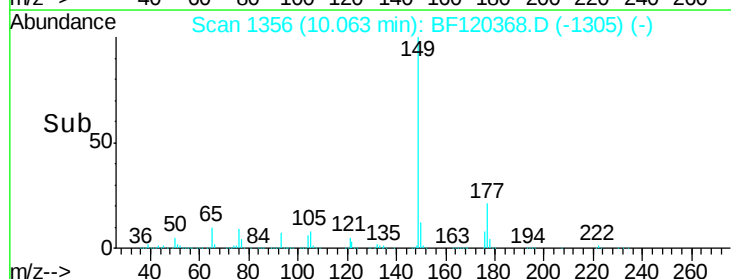
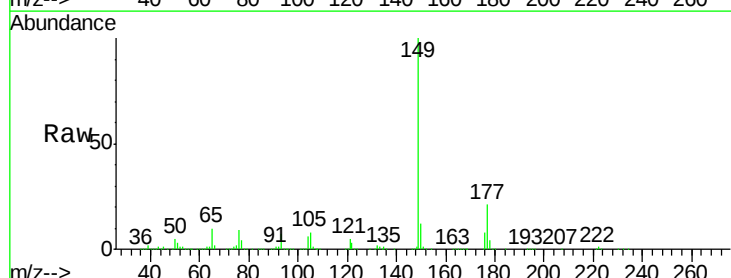
Manual Integrations
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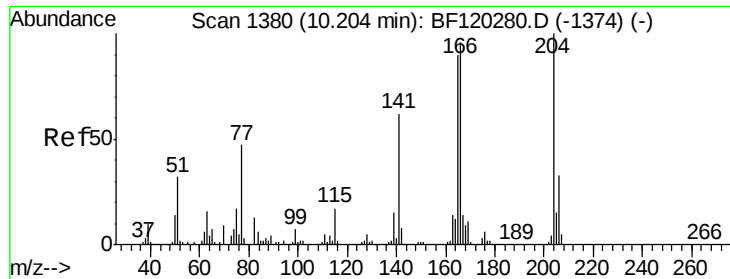
mohammad
 5/21/2020 10:22:54 AM



#60
 Diethylphthalate
 Concen: 42.09 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1305579		
177	21.3		17.1	25.7
150	12.4		10.3	15.5





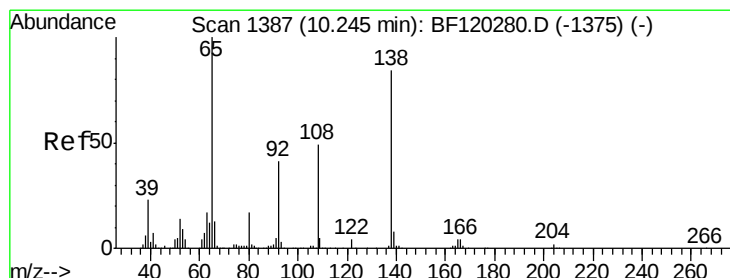
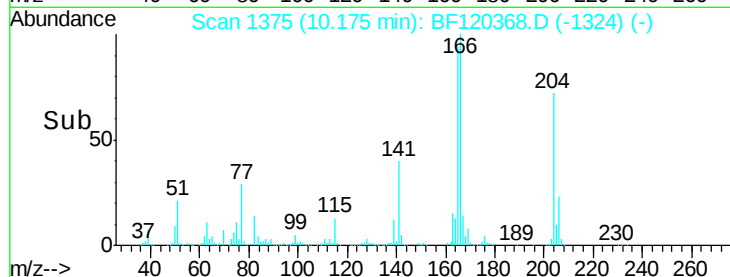
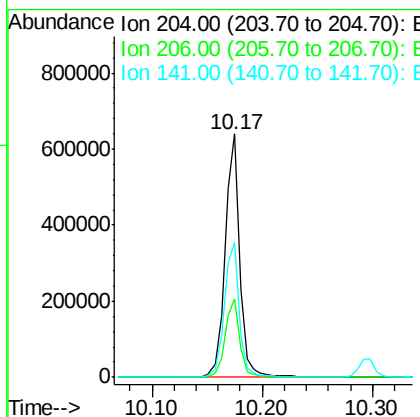
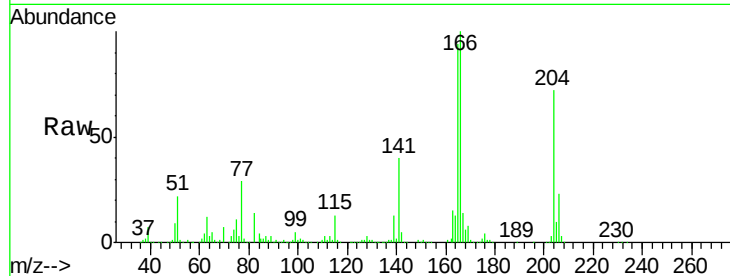
#61
4-Chlorophenyl-phenylether
Concen: 42.67 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	595067		
206	32.1	26.8	40.2	
141	55.1	49.5	74.3	

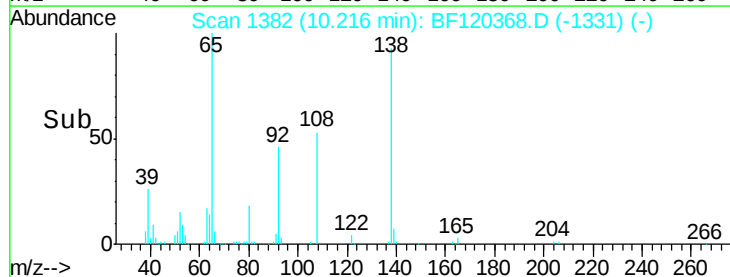
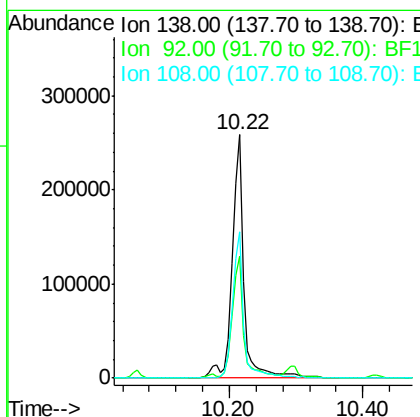
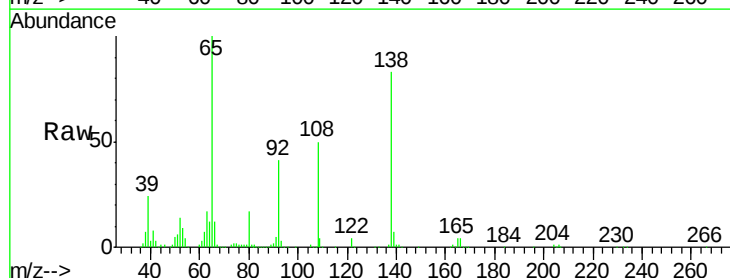
Manual Integrations
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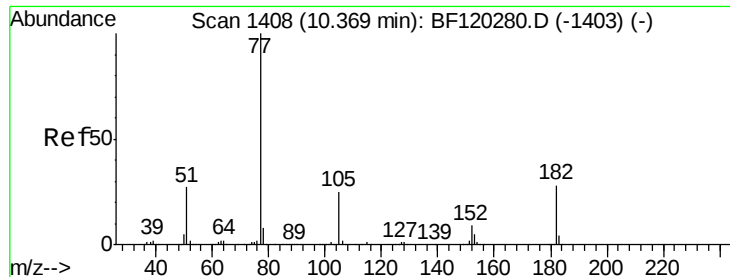
mohammad
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#62
4-Nitroaniline
Concen: 40.71 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	324195		
92	49.9	28.9	68.9	
108	60.2	38.4	78.4	





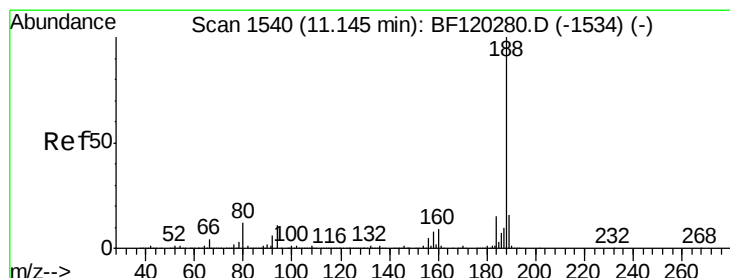
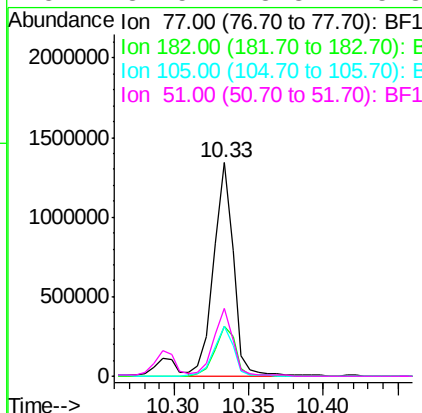
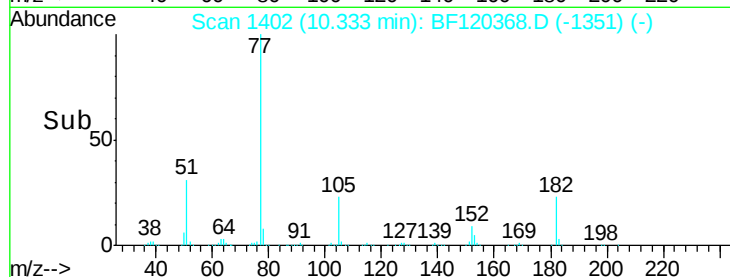
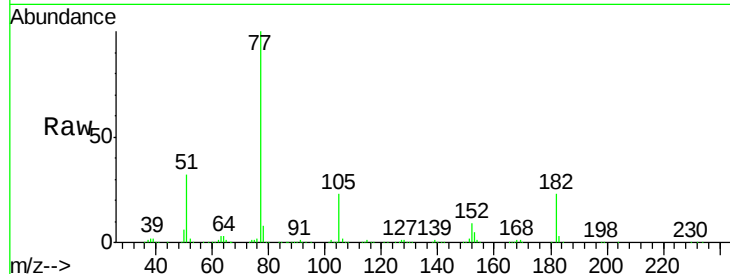
#63
Azobenzene
Concen: 41.95 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	7.4	47.4
105	23.2	4.4	44.4
51	31.5	8.3	48.3

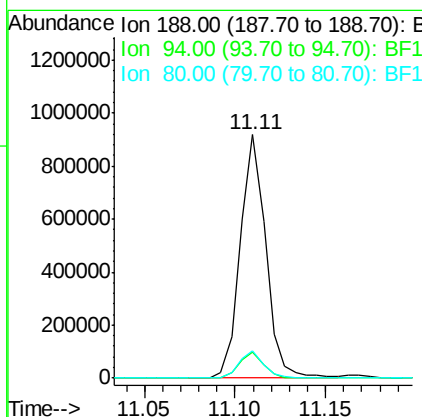
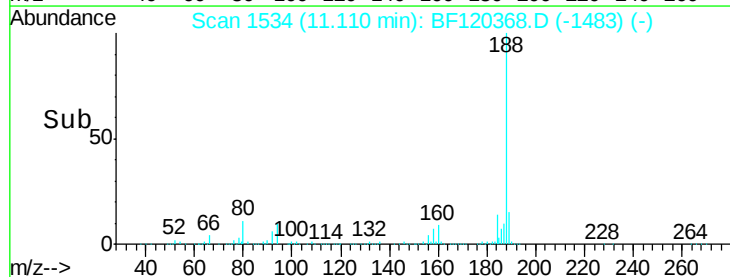
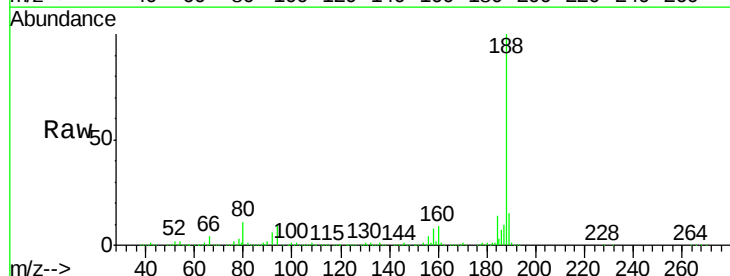
Manual Integrations
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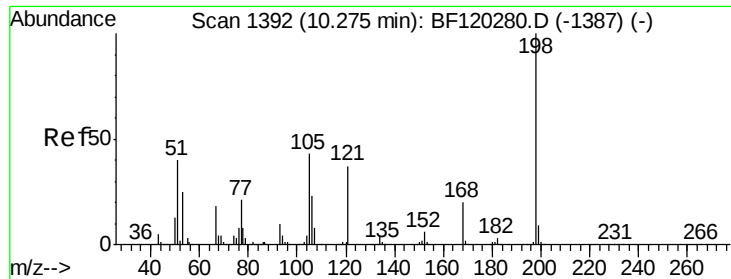
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.1	9.2	13.8





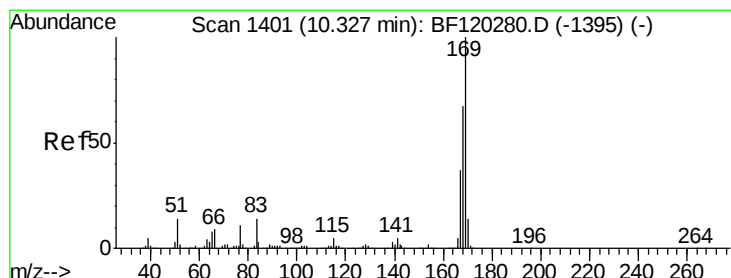
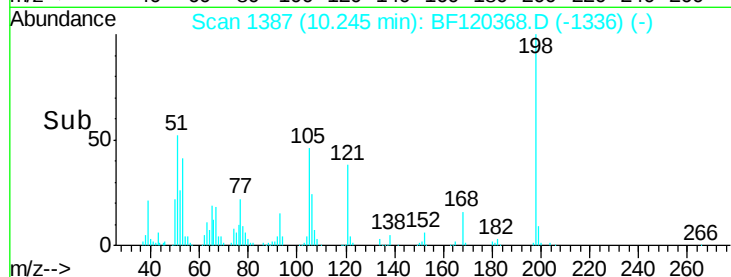
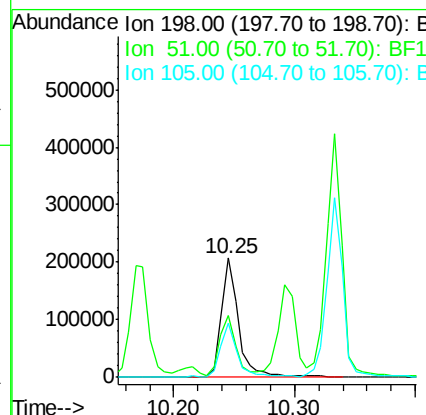
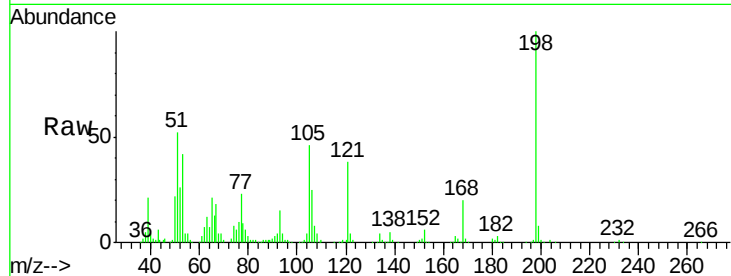
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.58 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	203818		
51	51.8	27.1	67.1	
105	45.9	24.3	64.3	

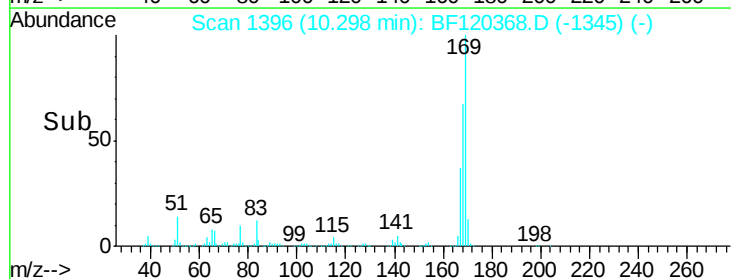
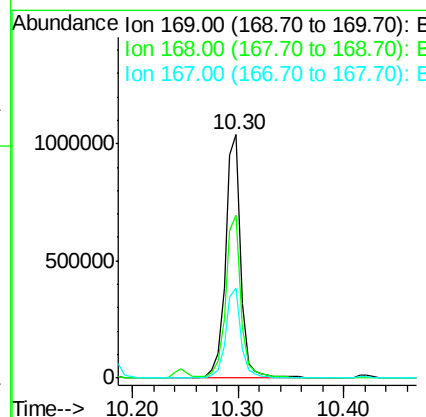
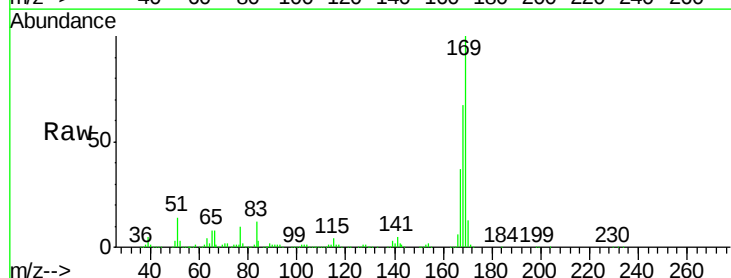
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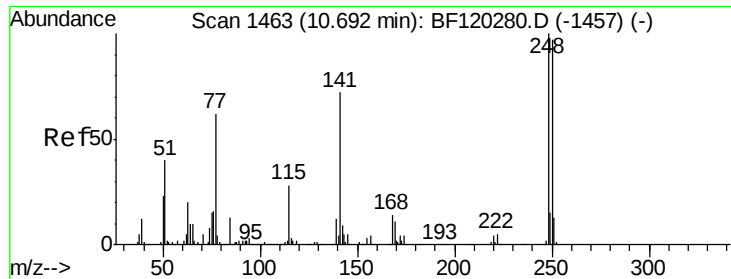
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 42.34 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1059015		
168	67.1	53.7	80.5	
167	37.0	29.8	44.6	





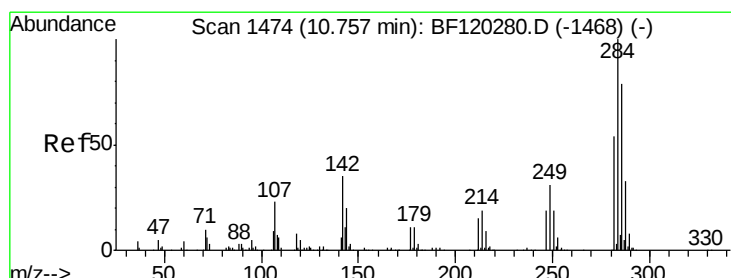
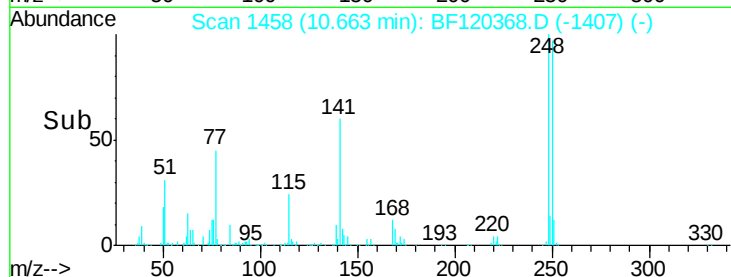
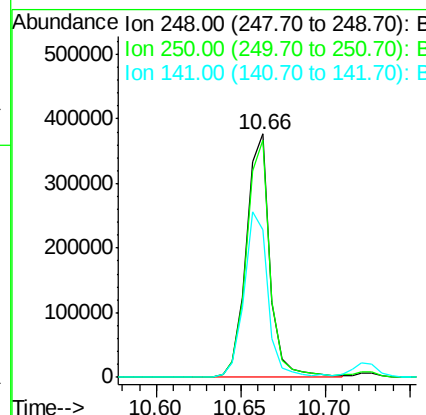
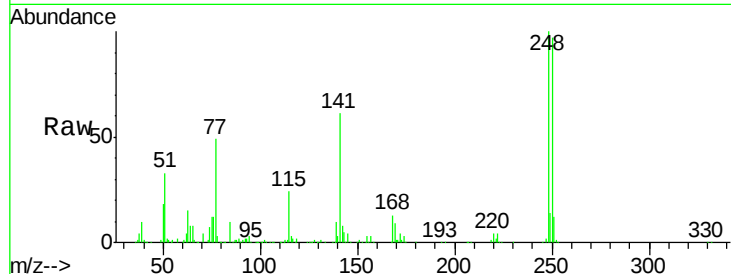
#67
4-Bromophenyl-phenylether
Concen: 42.12 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.8	116.6
141	60.6	57.7	86.5

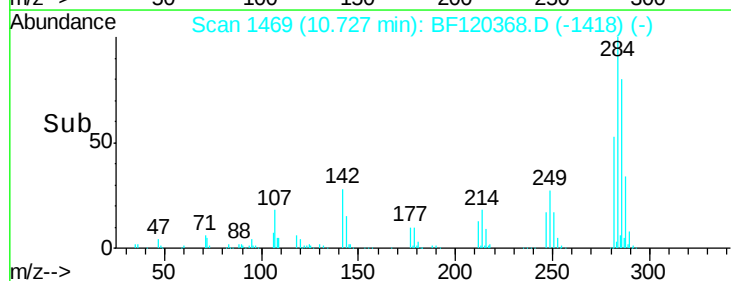
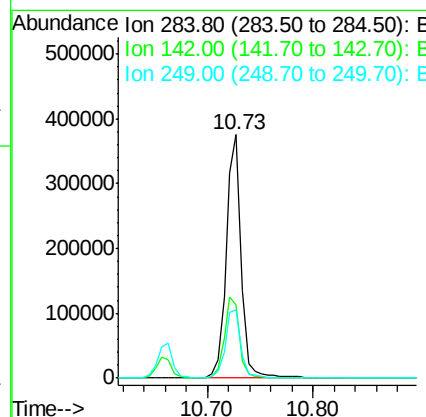
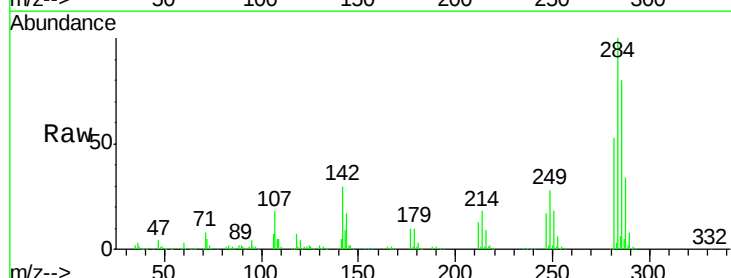
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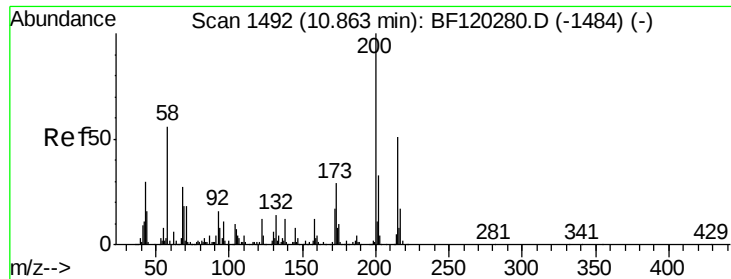
mohammad
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#68
Hexachlorobenzene
Concen: 40.52 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	28.5	42.7
249	28.1	24.8	37.2





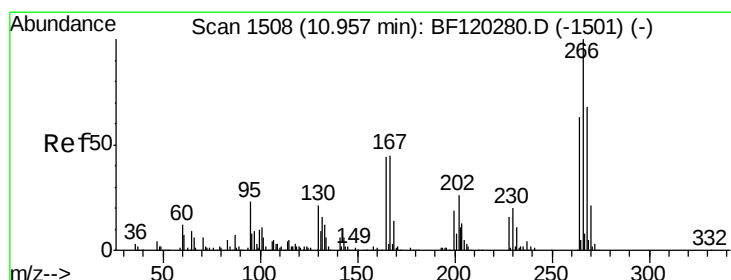
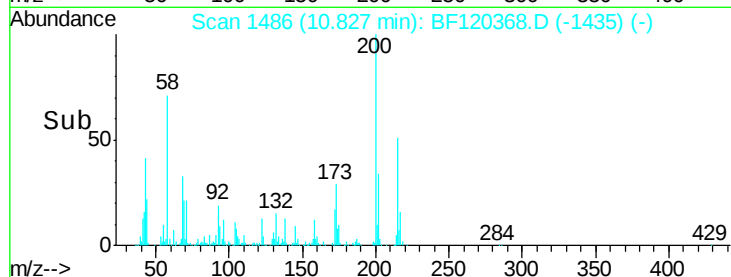
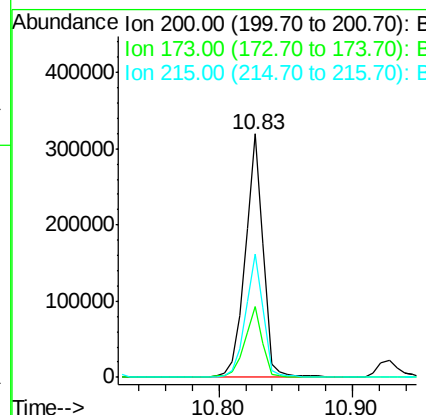
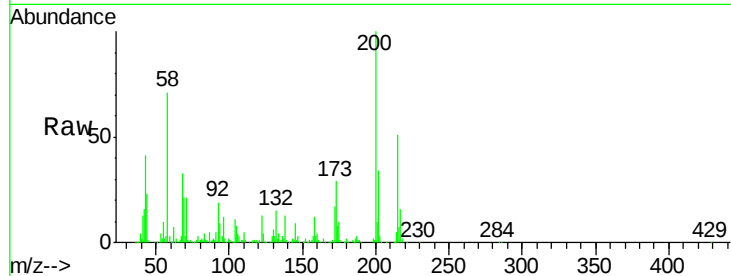
#69
Atrazine
Concen: 39.70 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	297162		
173	29.0	8.7	48.7	
215	50.7	30.6	70.6	

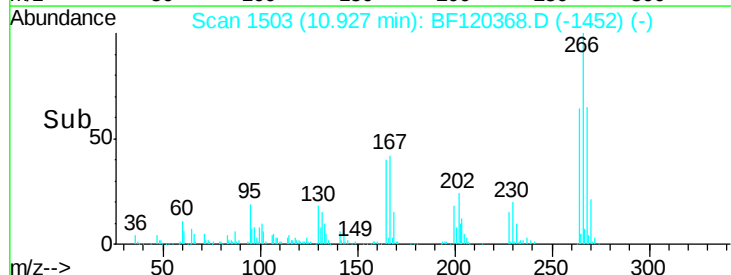
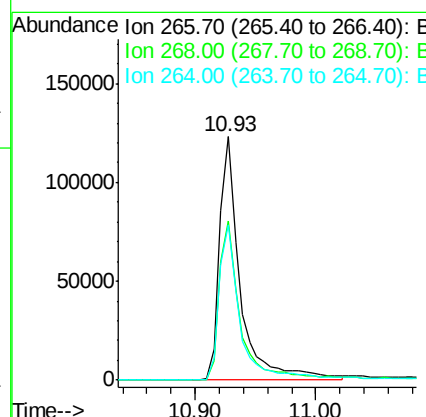
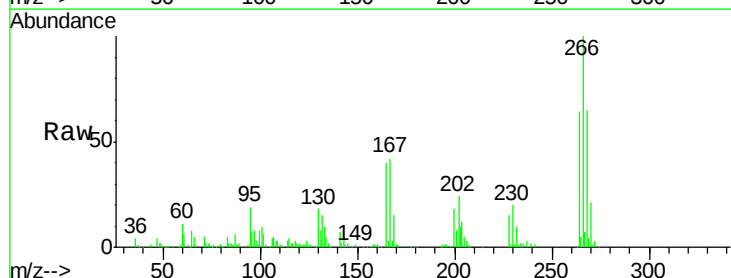
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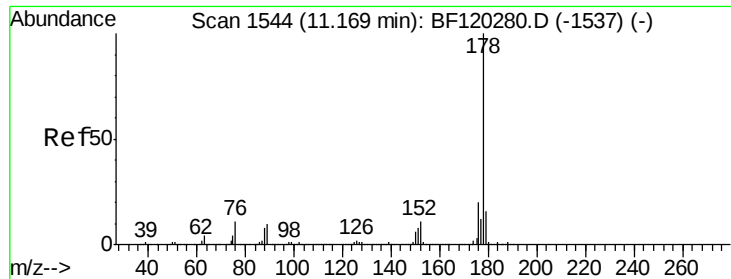
mohammad
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#70
Pentachlorophenol
Concen: 37.16 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	145065		
268	65.3	54.2	81.4	
264	63.6	50.2	75.4	





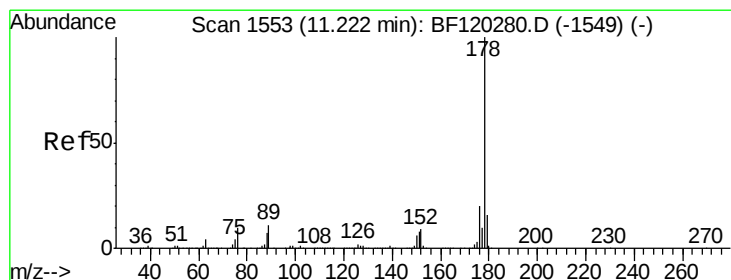
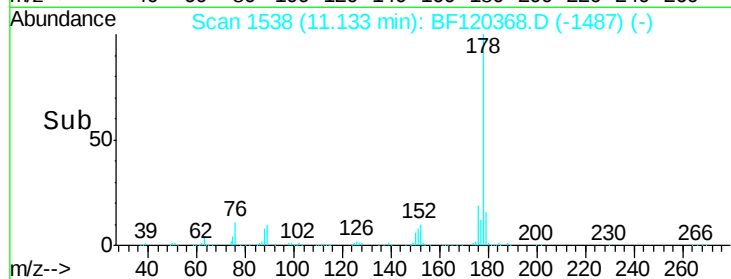
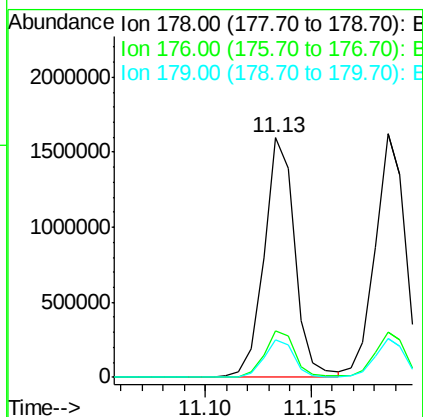
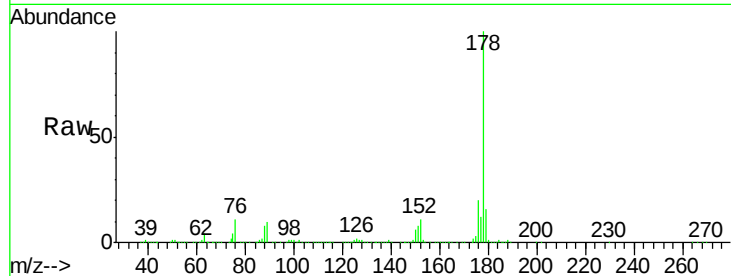
#71
Phenanthrene
Concen: 42.52 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1615348
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.8 12.8 19.2

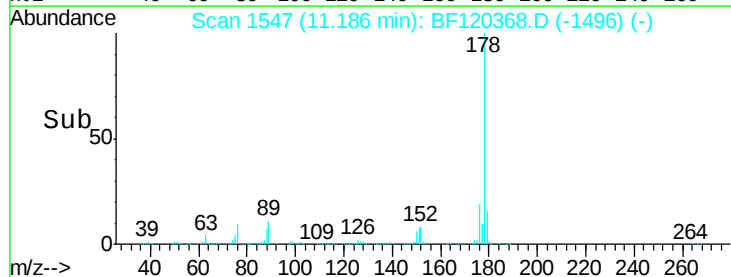
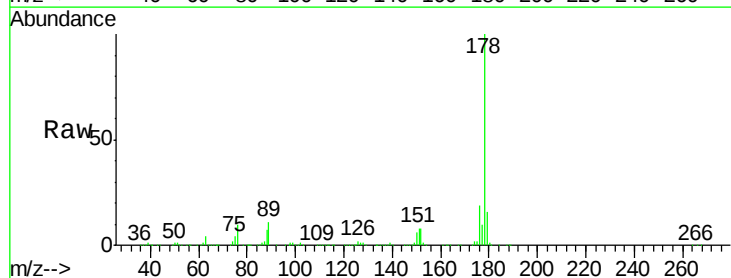
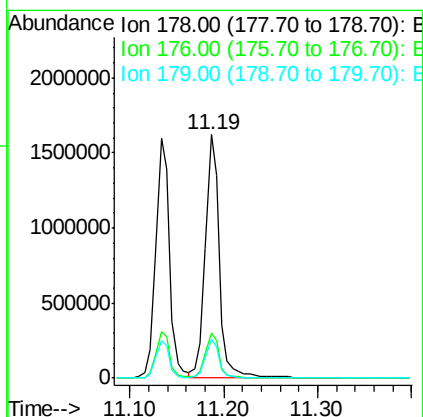
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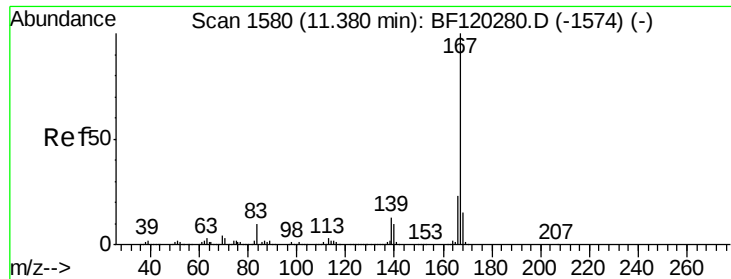
mohammad
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#72
Anthracene
Concen: 42.17 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion:178 Resp: 1714951
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.7 13.0 19.6





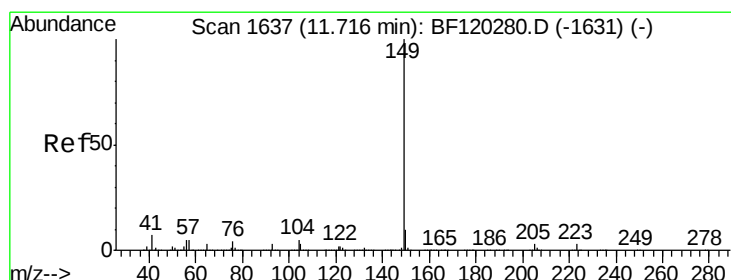
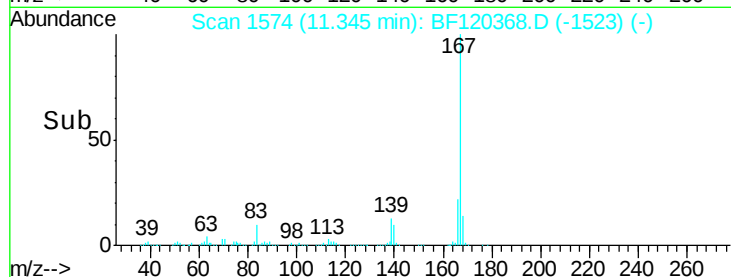
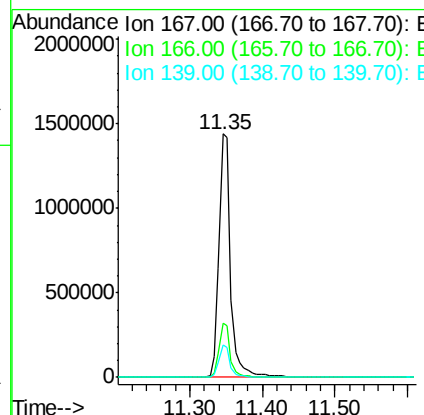
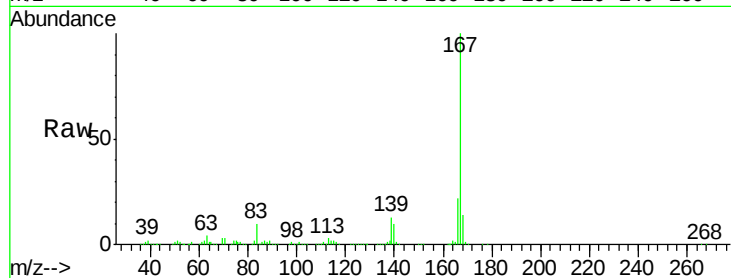
#73
 Carbazole
 Concen: 42.56 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:167 Resp: 1617223
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.1 10.6 15.8

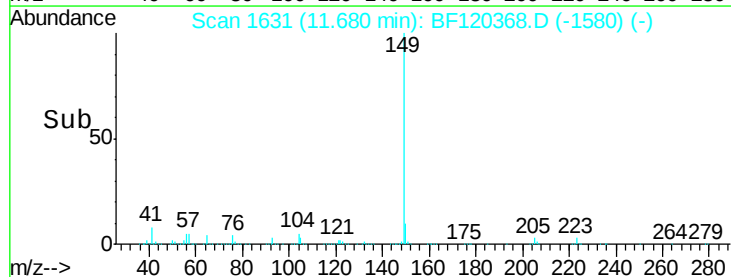
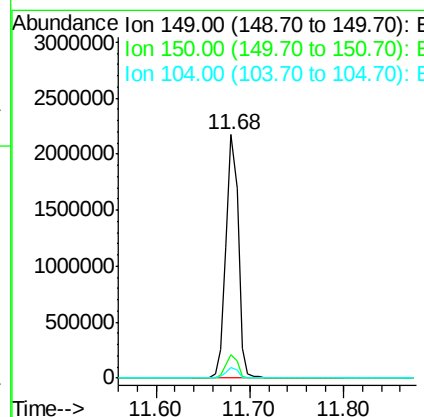
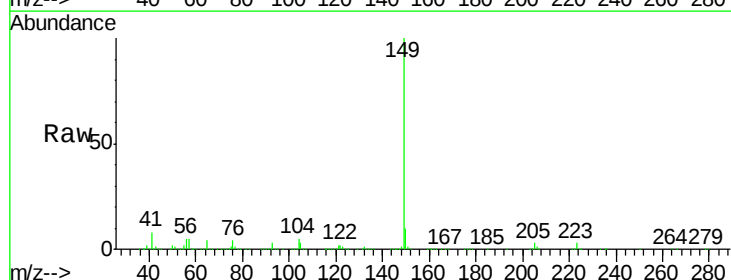
Manual Integrations
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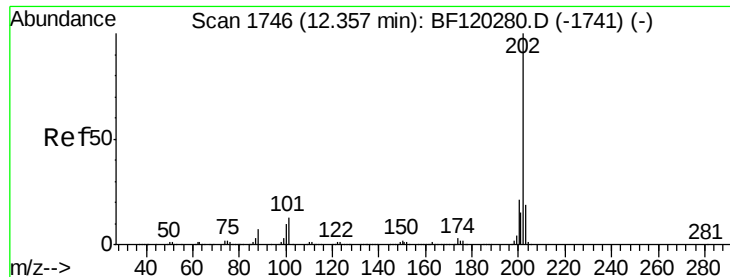
mohammad
 5/21/2020 10:22:54 AM



#74
 Di-n-butylphthalate
 Concen: 43.90 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Tgt Ion:149 Resp: 2010621
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.2 12.4
 104 4.5 3.8 5.8





#75

Fluoranthene

Concen: 42.96 ng

RT: 12.32 min Scan# 1740

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1749250

Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.2

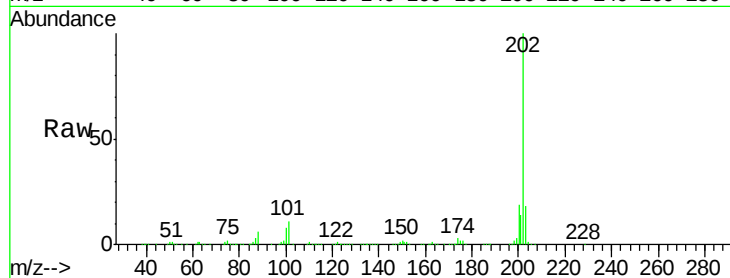
203 17.7 0.0 39.1

Manual Integrations

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mohammad

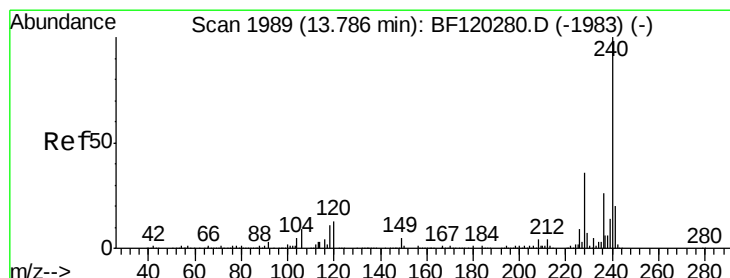
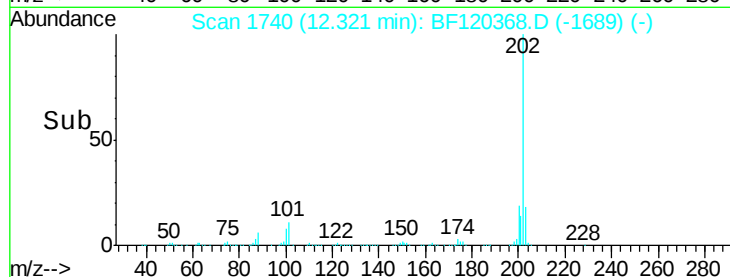
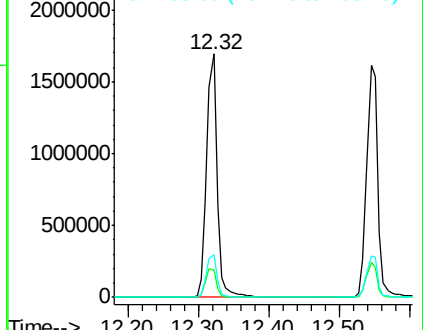
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

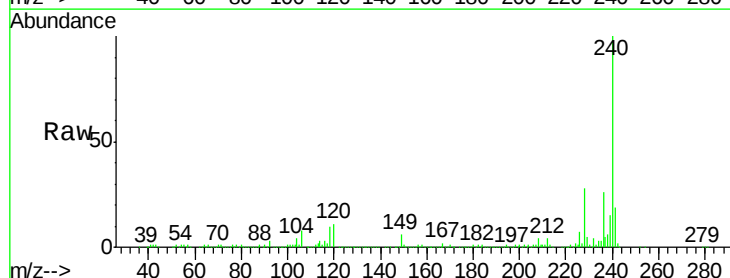
Tgt Ion:240 Resp: 604392

Ion Ratio Lower Upper

240 100

120 11.4 10.4 15.6

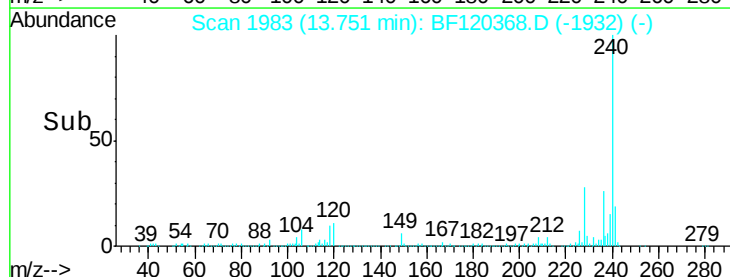
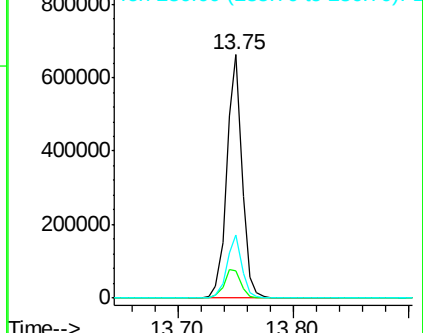
236 26.1 21.0 31.6

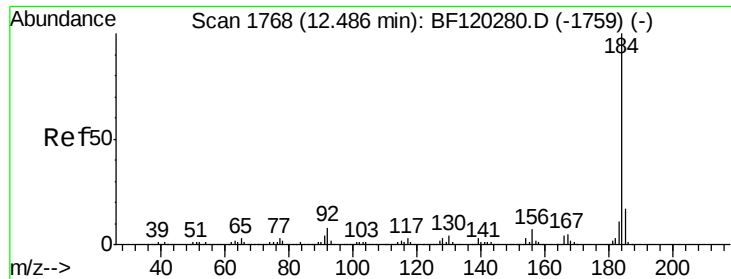


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.67 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

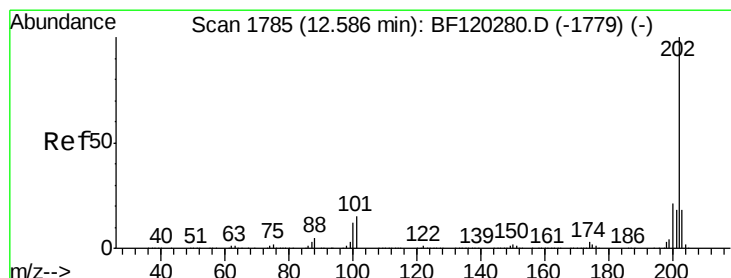
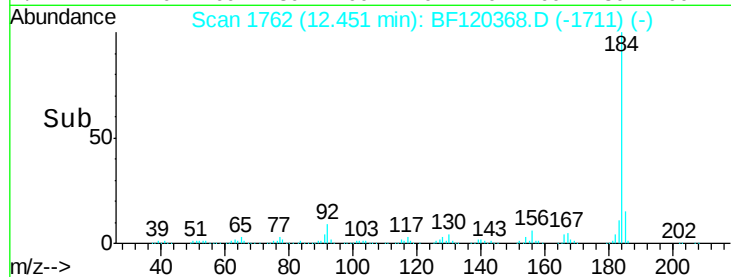
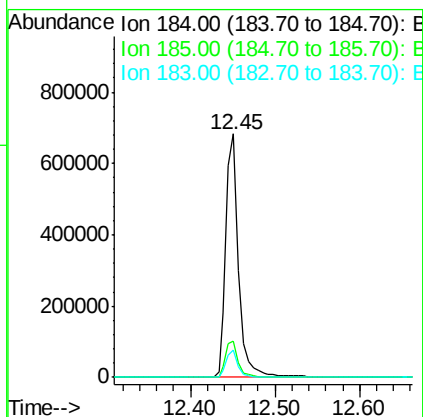
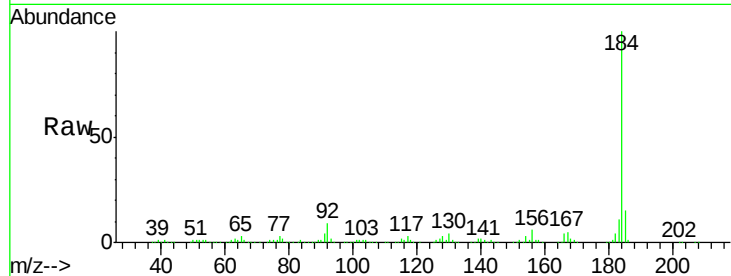
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.7	20.5
183	11.0	8.7	13.1

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#78

Pyrene

Concen: 41.26 ng

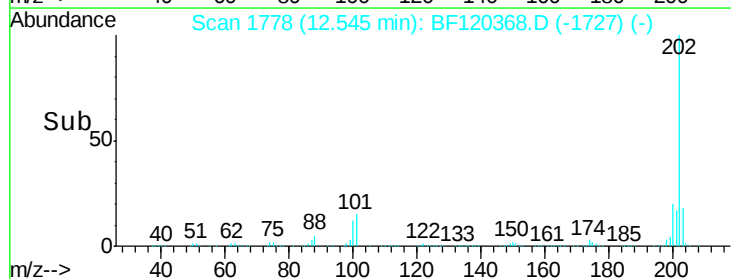
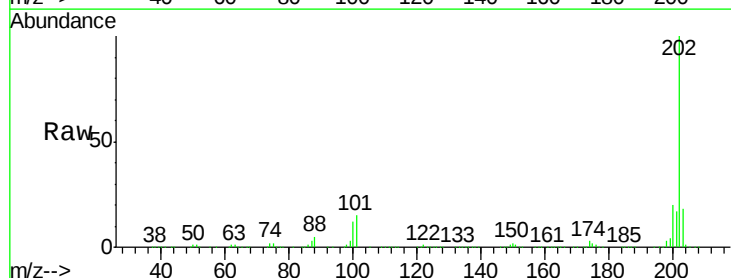
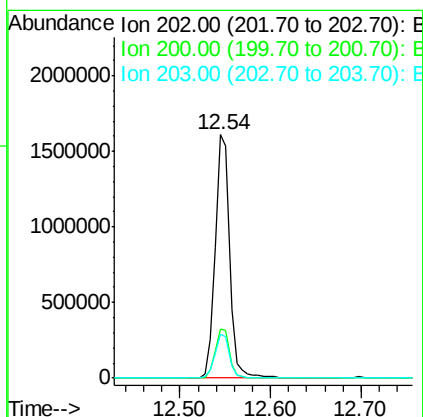
RT: 12.54 min Scan# 1778

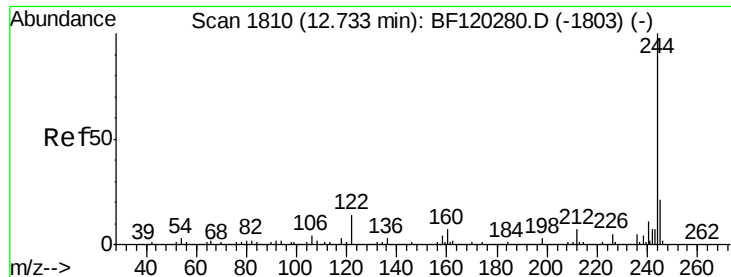
Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	18.1	14.6	22.0





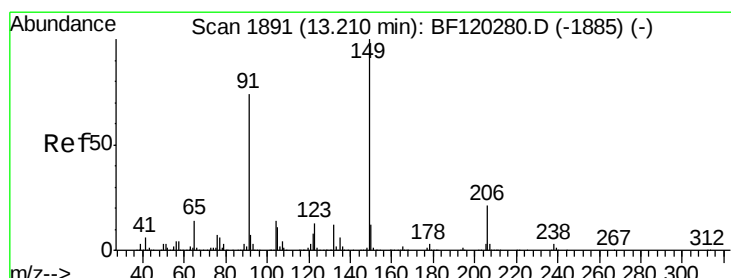
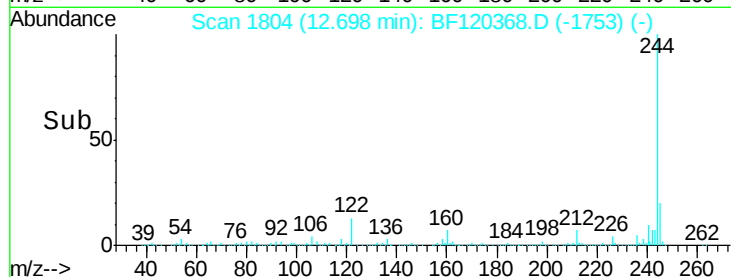
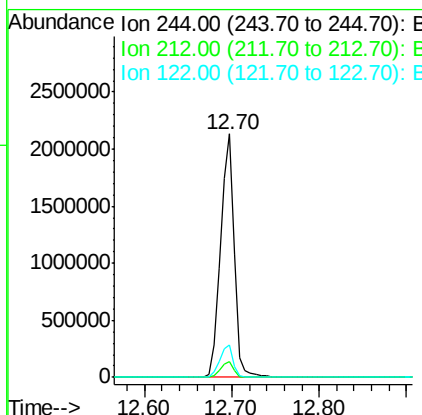
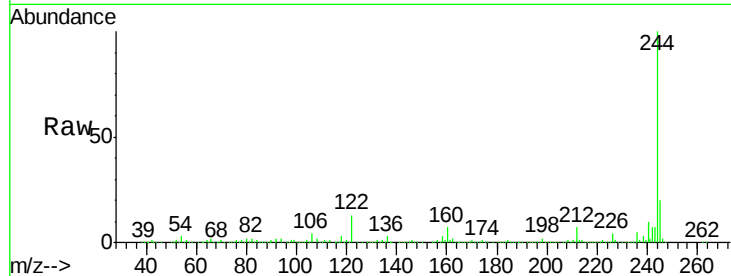
#79
 Terphenyl-d14
 Concen: 84.91 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 244 Resp: 2323063
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 13.3 10.8 16.2

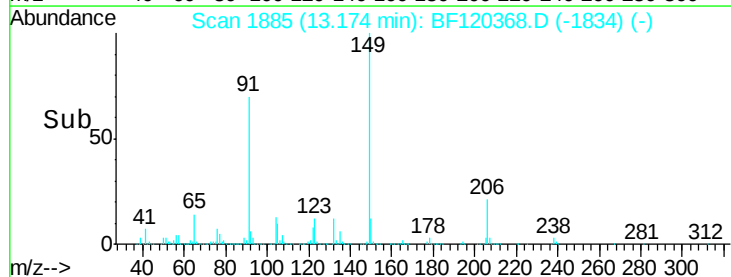
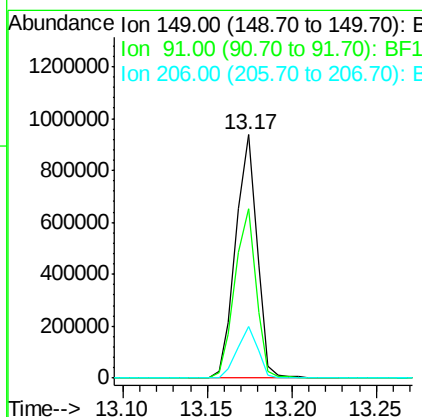
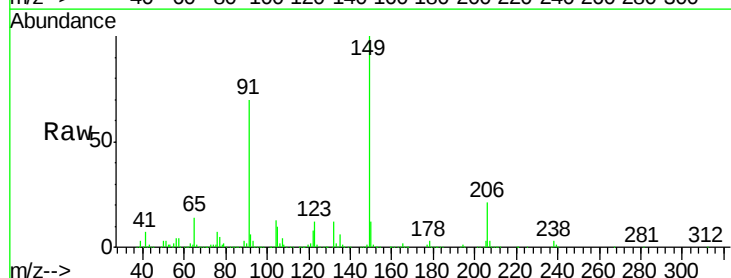
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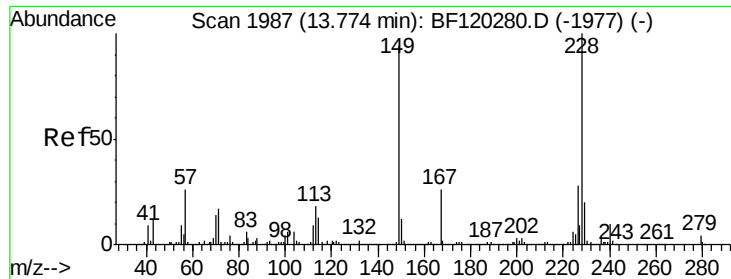
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.84 ng
 RT: 13.17 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BF120368.D
 Acq: 20 May 2020 12:57

Tgt Ion: 149 Resp: 828596
 Ion Ratio Lower Upper
 149 100
 91 69.7 59.0 88.4
 206 21.0 16.8 25.2





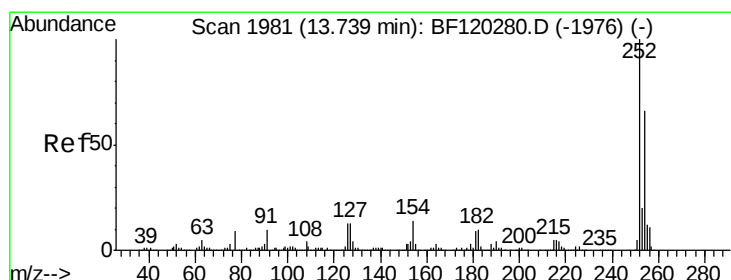
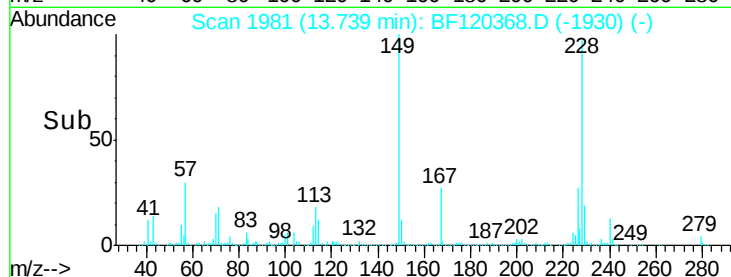
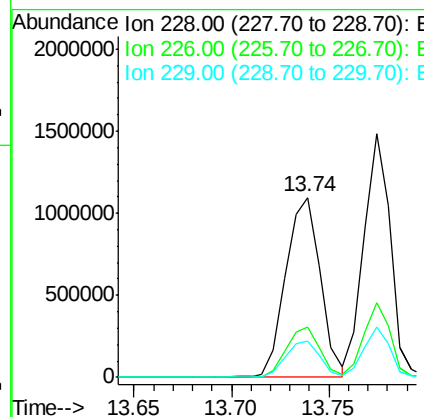
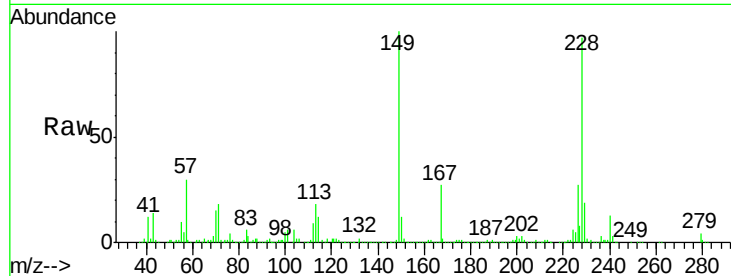
#81
Benzo(a)anthracene
Concen: 42.28 ng
RT: 13.74 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 228 Resp: 1347693
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.9 16.4 24.6

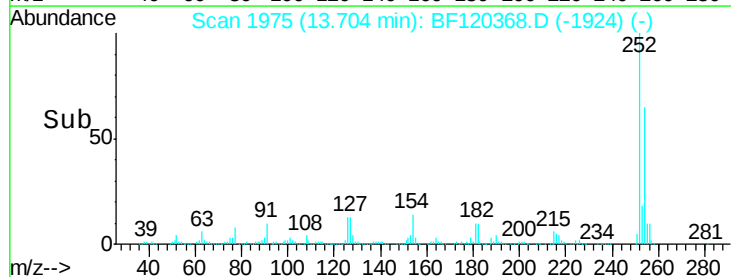
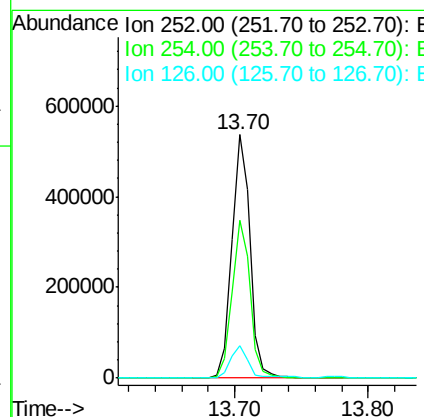
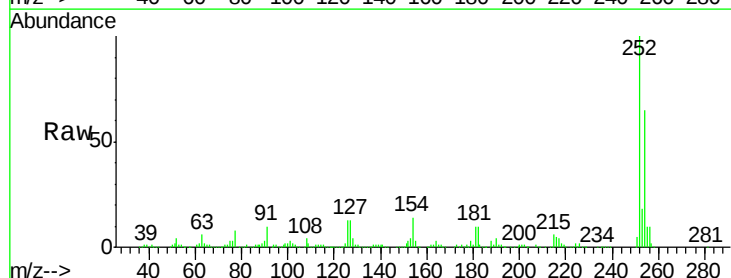
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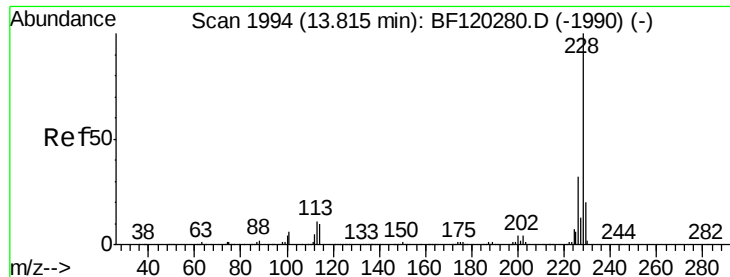
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 43.16 ng
RT: 13.70 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion: 252 Resp: 518470
Ion Ratio Lower Upper
252 100
254 64.8 52.6 78.8
126 13.2 10.7 16.1





#83

Chrysene

Concen: 41.21 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1410575

Ion Ratio Lower Upper

228 100

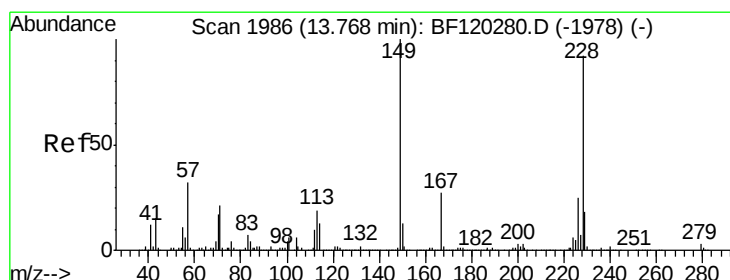
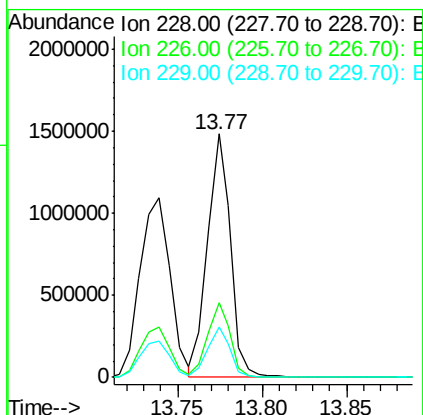
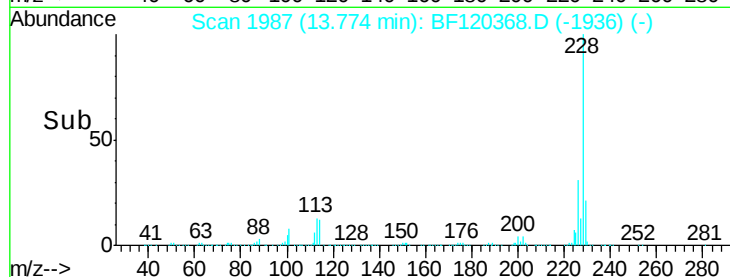
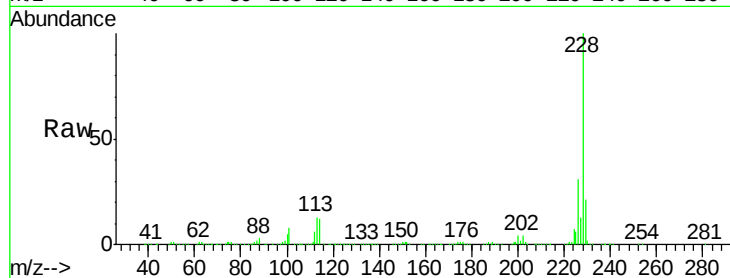
226 30.7 25.0 37.6

229 20.7 16.2 24.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.87 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

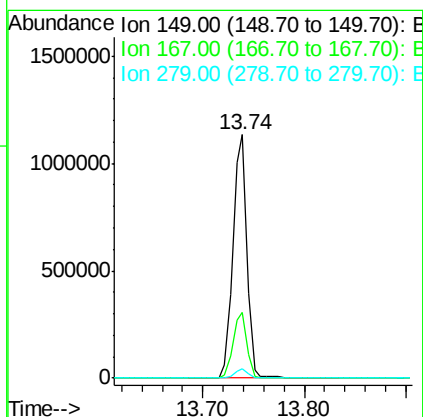
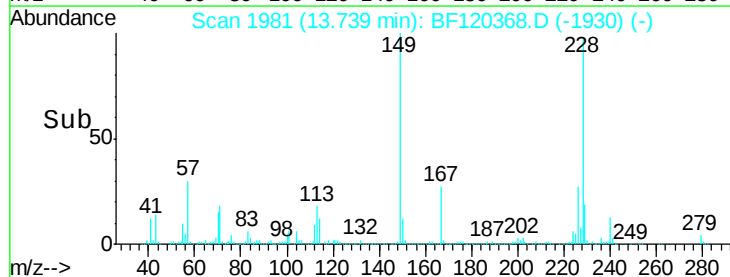
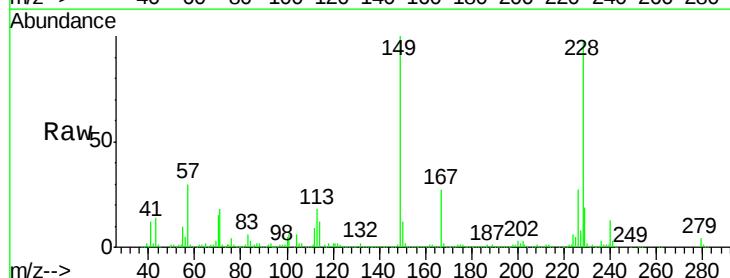
Tgt Ion:149 Resp: 1082193

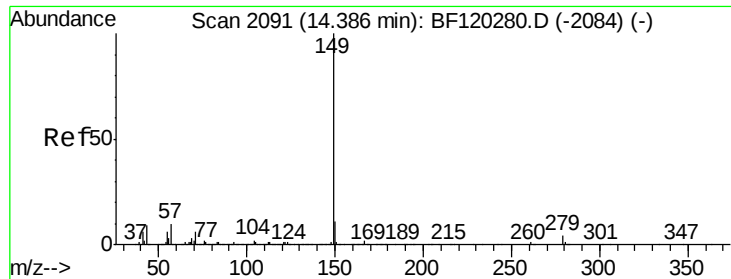
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 3.8 2.8 4.2





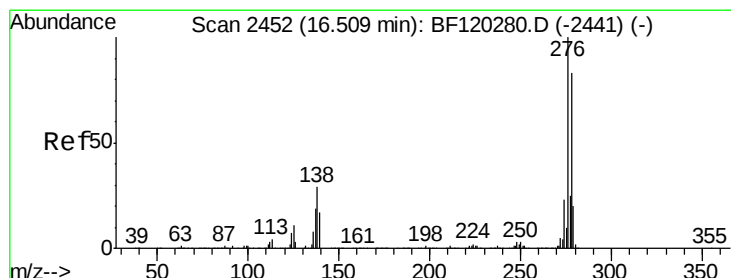
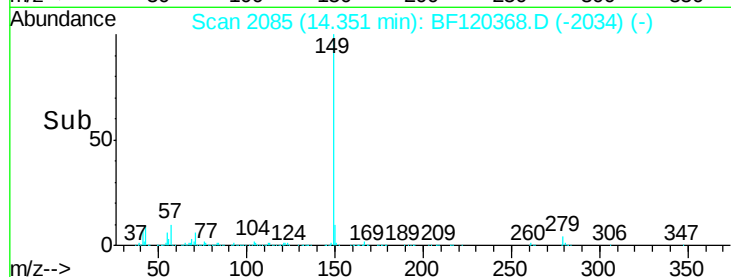
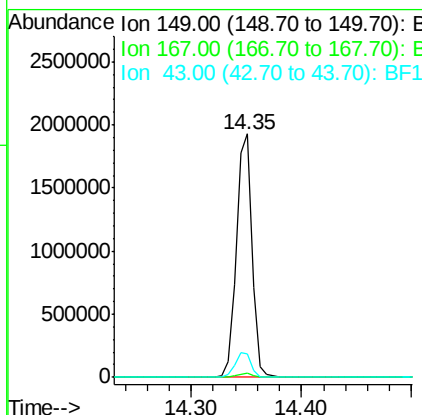
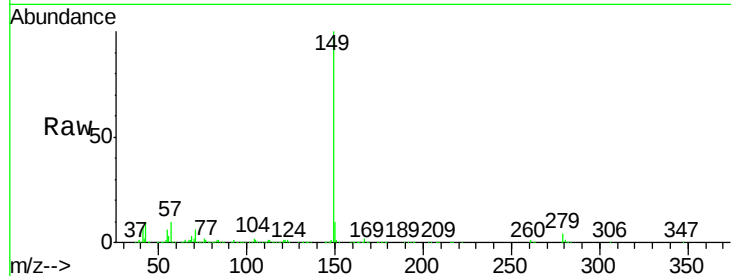
#85
Di-n-octyl phthalate
Concen: 42.35 ng
RT: 14.35 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1923164
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 7.5 11.3

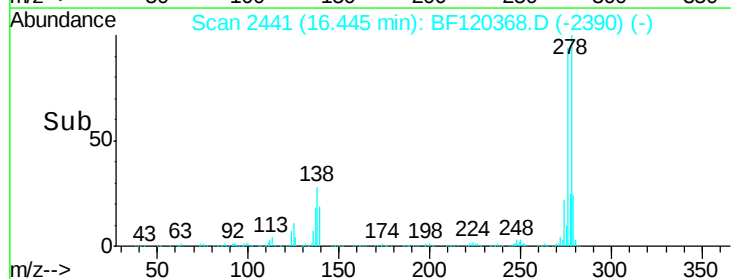
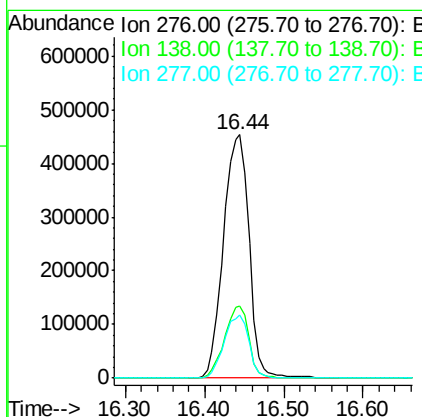
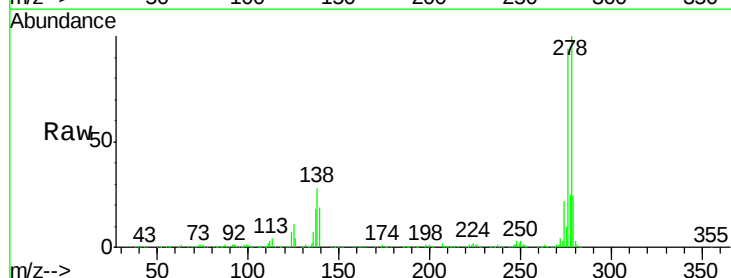
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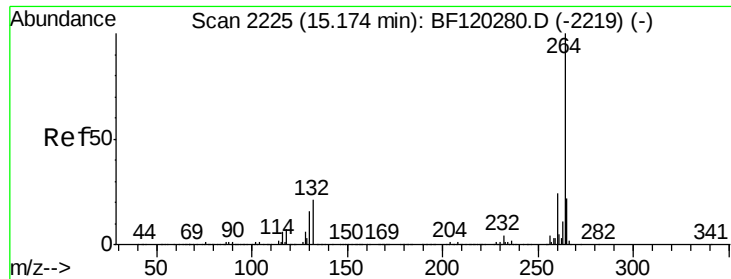
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 32.63 ng
RT: 16.44 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion:276 Resp: 1013652
Ion Ratio Lower Upper
276 100
138 28.1 23.3 34.9
277 25.3 20.2 30.4





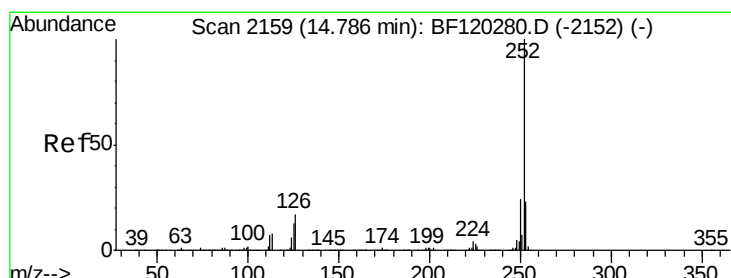
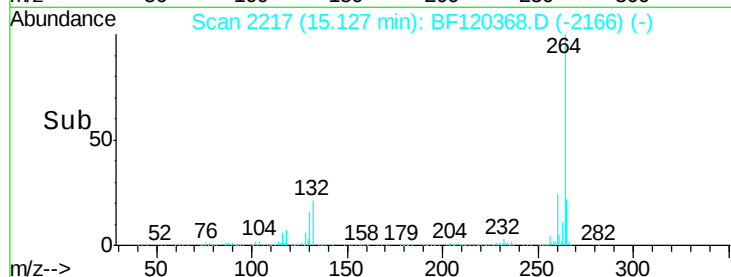
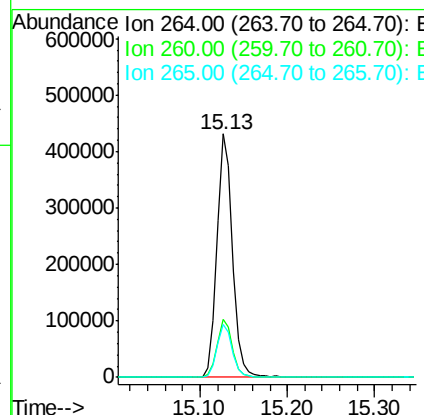
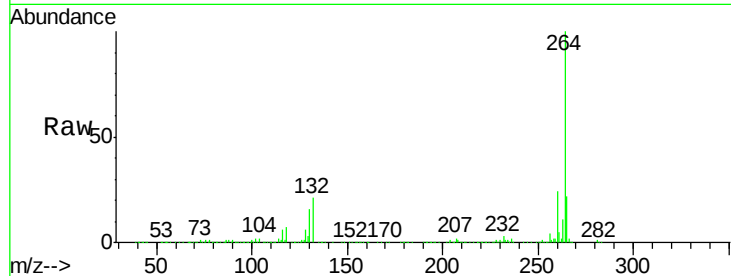
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.6	17.5	26.3

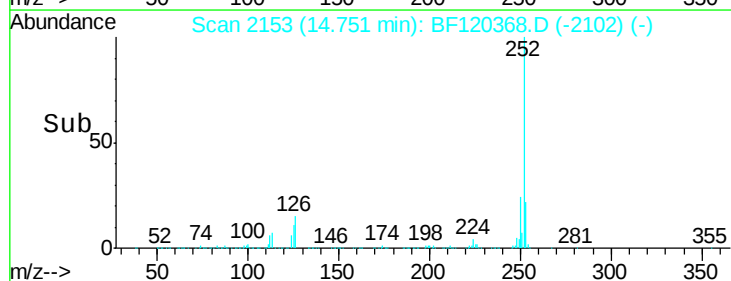
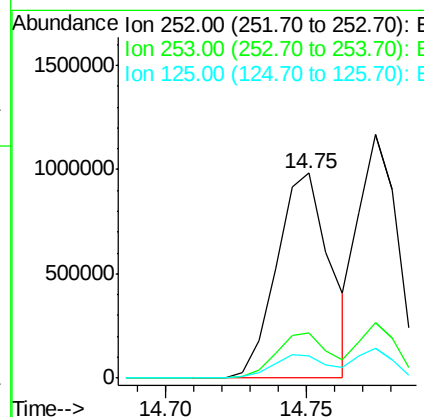
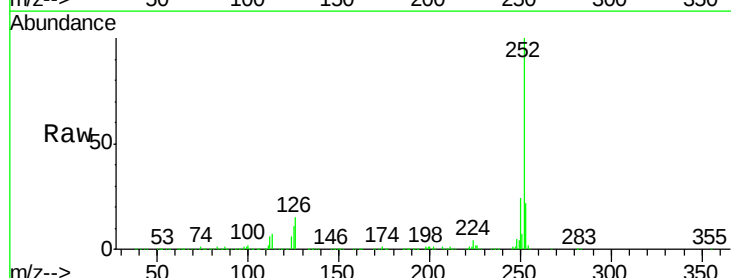
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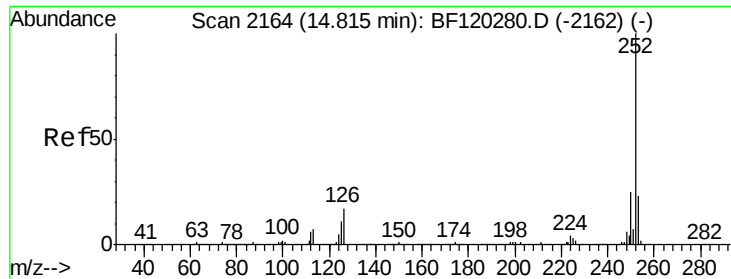
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.98 ng
RT: 14.75 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.0	10.4	15.6





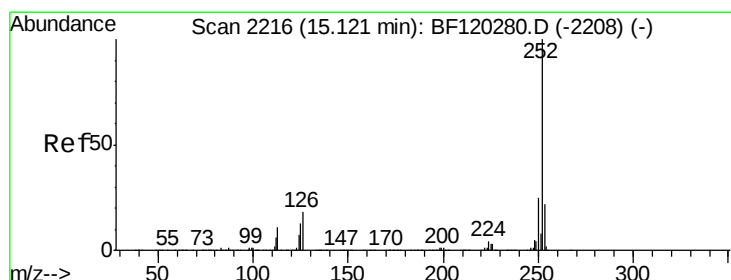
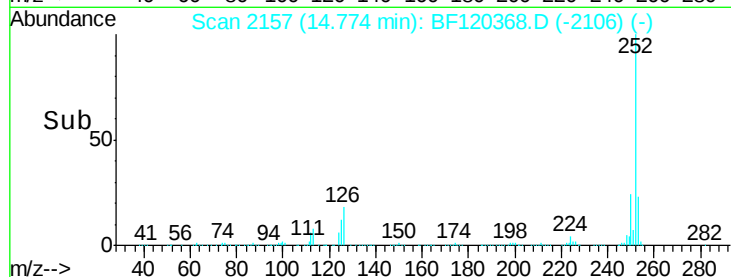
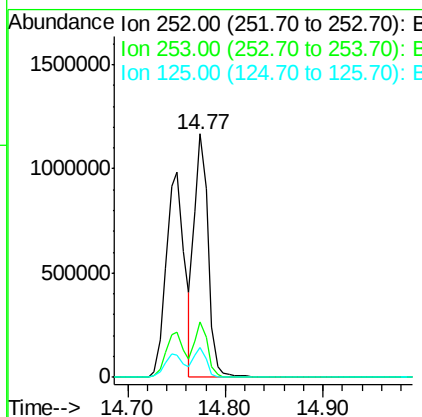
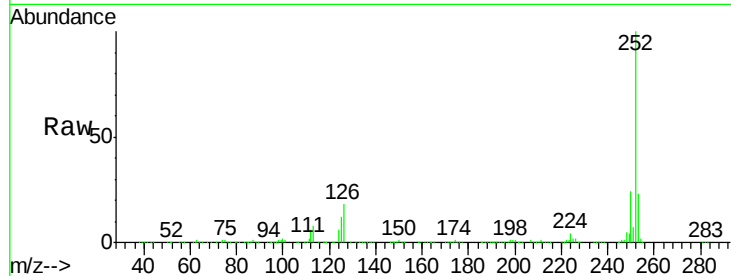
#89
Benzo(k)fluoranthene
Concen: 45.10 ng
RT: 14.77 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1141377
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 12.1 9.9 14.9

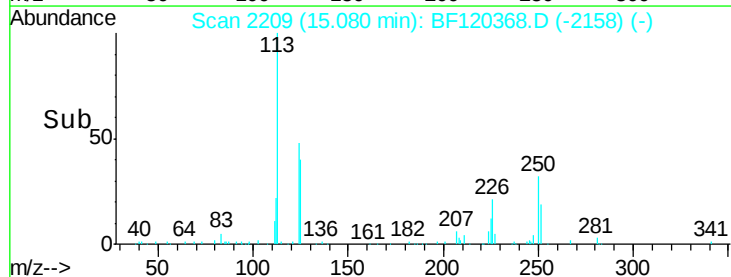
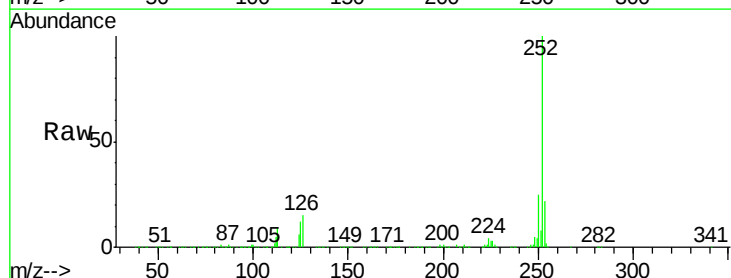
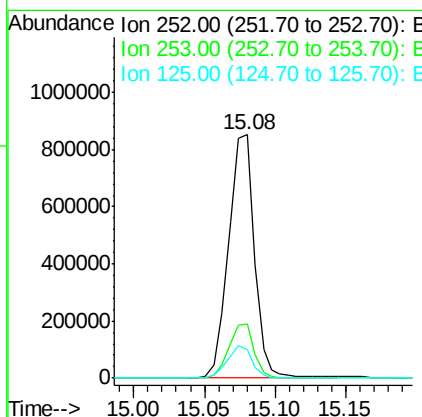
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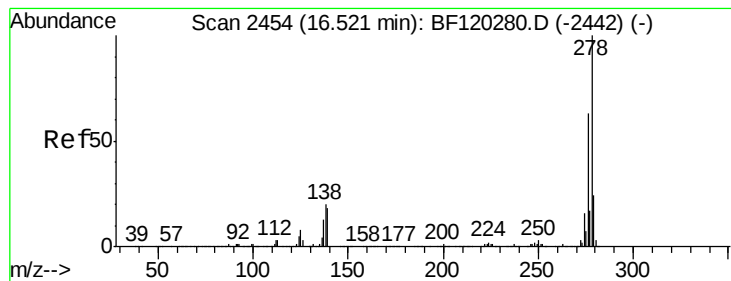
mohammad
5/21/2020 10:22:54 AM



#90
Benzo(a)pyrene
Concen: 41.66 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120368.D
Acq: 20 May 2020 12:57

Tgt Ion:252 Resp: 1091264
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.5 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 35.55 ng

RT: 16.45 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Instrument :

BNA_F

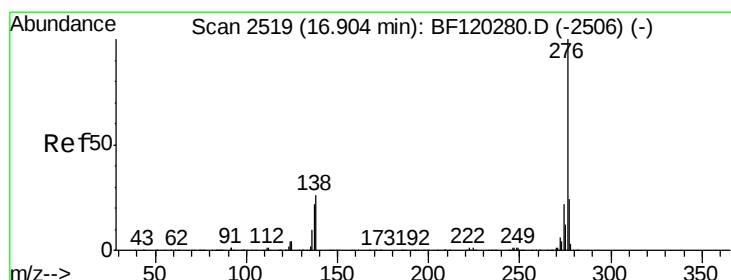
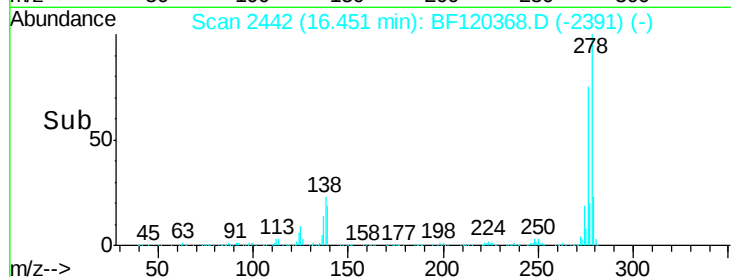
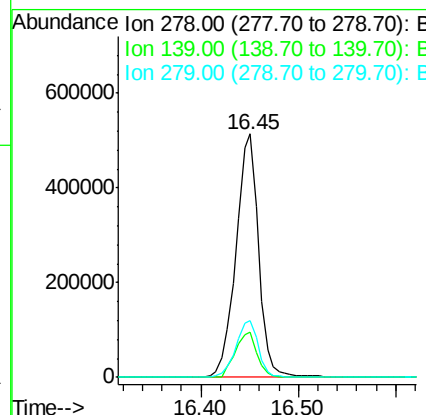
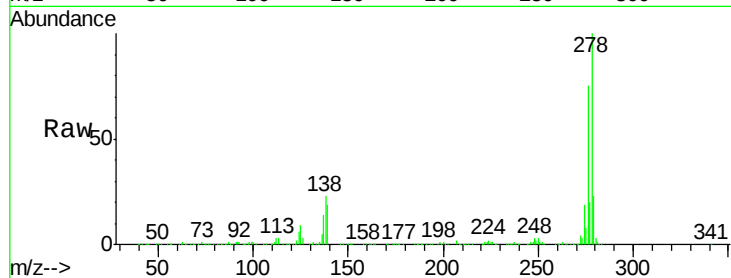
ClientSampleId :

SSTDCCC040

Tgt Ion:	278	Resp:	825042
Ion Ratio	Lower	Upper	
278	100		
139	18.7	14.7	22.1
279	23.1	19.2	28.8

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 34.54 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BF120368.D

Acq: 20 May 2020 12:57

Tgt Ion:	276	Resp:	808386
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.1	28.7
138	24.7	20.8	31.2

