

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
 Data File : BF120764.D
 Acq On : 2 Jul 2020 17:58
 Operator : JU/CG
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad

7/7/2020 8:25:31 AM

Quant Time: Jul 02 18:59:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 17:30:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141944	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	483968	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	231818	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	399438	20.00	ng	0.00
76) Chrysene-d12	14.02	240	261758	20.00	ng	0.00
86) Perylene-d12	15.47	264	240434	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1312089	154.71	ng	0.00
7) Phenol-d6	6.49	99	1657145	148.60	ng	0.01
23) Nitrobenzene-d5	7.42	82	1380425	163.69	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	372609	129.50	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2056599	125.06	ng	0.00
79) Terphenyl-d14	12.96	244	1945941	140.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	320231	88.278	ng	98
3) Pyridine	3.34	79	867711	84.345	ng	98
4) n-Nitrosodimethylamine	3.31	42	437439	105.866	ng	100
6) Aniline	6.52	93	1122724	83.083	ng	99
8) 2-Chlorophenol	6.64	128	716164	77.662	ng	99
10) Phenol	6.50	94	904257	84.073	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	717771	78.378	ng	99
12) 1,3-Dichlorobenzene	6.79	146	772181	75.836	ng	98
13) 1,4-Dichlorobenzene	6.87	146	770222	75.372	ng	98
14) 1,2-Dichlorobenzene	7.03	146	697622	69.222	ng	100
15) Benzyl Alcohol	7.00	79	596932	85.095	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1093242	88.613	ng	99
17) 2-Methylphenol	7.10	107	634307	79.773	ng	99
18) Hexachloroethane	7.37	117	295862	80.351	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	489631	76.549	ng	97
20) 3+4-Methylphenols	7.26	107	672793	62.572	ng	# 88
22) Acetophenone	7.27	105	826097	67.264	ng	# 90
24) Nitrobenzene	7.44	77	757901	86.097	ng	99
25) Isophorone	7.68	82	1386192	84.838	ng	99
26) 2-Nitrophenol	7.75	139	335889	71.331	ng	95
27) 2,4-Dimethylphenol	7.79	122	562227	79.644	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	816054	81.090	ng	99
29) 2,4-Dichlorophenol	7.99	162	568828	80.163	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	629070	75.691	ng	98
31) Naphthalene	8.16	128	1907977	79.013	ng	99
33) 4-Chloroaniline	8.21	127	846317	80.263	ng	98
34) Hexachlorobutadiene	8.28	225	368111	73.359	ng	100
35) Caprolactam	8.60	113	162616m	70.607	ng	
36) 4-Chloro-3-methylphenol	8.69	107	569252	80.066	ng	94
37) 2-Methylnaphthalene	8.85	142	1200435	73.568	ng	98
38) 1-Methylnaphthalene	8.95	142	1144245	74.762	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	531328	71.796	ng	99
41) Hexachlorocyclopentadiene	9.00	237	349418	103.319	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	396217	79.376	ng	98

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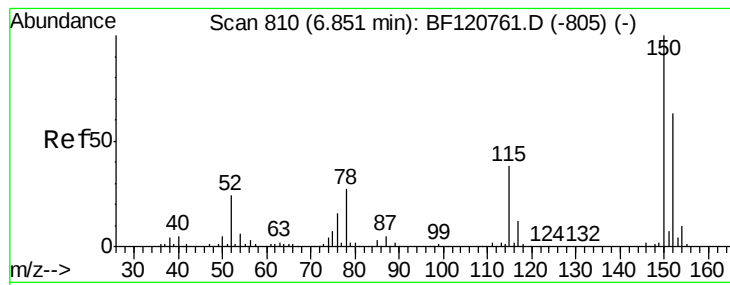
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.16	196	432560	77.119	nq	99
46) 1,1'-Biphenyl	9.32	154	1390112	73.994	nq	99
47) 2-Chloronaphthalene	9.34	162	1167713	77.239	nq	99
48) 2-Nitroaniline	9.43	65	366249	83.069	nq	98
49) Acenaphthylene	9.76	152	1774101	75.569	nq	100
50) Dimethylphthalate	9.62	163	1270983	71.536	nq	100
51) 2,6-Dinitrotoluene	9.68	165	277006	70.520	nq #	84
52) Acenaphthene	9.93	154	1118383	83.235	nq	97
53) 3-Nitroaniline	9.85	138	338751	73.464	nq	99
54) 2,4-Dinitrophenol	9.95	184	109137	70.161	nq	94
55) Dibenzofuran	10.10	168	1566629	76.488	nq	100
56) 4-Nitrophenol	10.00	139	248076	87.075	nq	95
57) 2,4-Dinitrotoluene	10.08	165	346269	72.094	nq	86
58) Fluorene	10.45	166	1060198	66.496	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	320843m	75.723	nq	
60) Diethylphthalate	10.32	149	1312740	75.170	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	523842	64.731	nq	99
62) 4-Nitroaniline	10.46	138	311578	67.568	nq	97
63) Azobenzene	10.59	77	1304479	81.829	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	150833	68.419	nq	88
66) n-Nitrosodiphenylamine	10.56	169	1074056	81.758	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	384122	79.009	nq	96
68) Hexachlorobenzene	10.99	284	396485	76.855	nq	94
69) Atrazine	11.08	200	244571	69.159	nq	98
70) Pentachlorophenol	11.17	266	243925	141.244	nq	99
71) Phenanthrene	11.40	178	1634762	78.692	nq	99
72) Anthracene	11.46	178	1653566	79.367	nq	99
73) Carbazole	11.60	167	1611803	81.368	nq	99
74) Di-n-butylphthalate	11.94	149	1919615	80.109	nq	99
75) Fluoranthene	12.59	202	1733988	74.296	nq	99
77) Benzidine	12.71	184	524563	67.508	nq	99
78) Pyrene	12.82	202	1752751	82.356	nq	100
80) Butylbenzylphthalate	13.44	149	783963	87.352	nq	99
81) Benzo(a)anthracene	14.00	228	1244692	73.903	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	463917	73.796	nq #	98
83) Chrysene	14.04	228	1386198	78.452	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	856227	76.513	nq #	98
85) Di-n-octyl phthalate	14.62	149	1724856	81.354	nq	100
87) Indeno(1,2,3-cd)pyrene	16.94	276	1416338	93.238	nq	99
88) Benzo(b)fluoranthene	15.06	252	1337397	86.885	nq	99
89) Benzo(k)fluoranthene	15.09	252	1233560	91.478	nq	99
90) Benzo(a)pyrene	15.42	252	1175672	88.889	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	1173939	94.445	nq	100
92) Benzo(g,h,i)perylene	17.38	276	1091743	87.782	nq	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

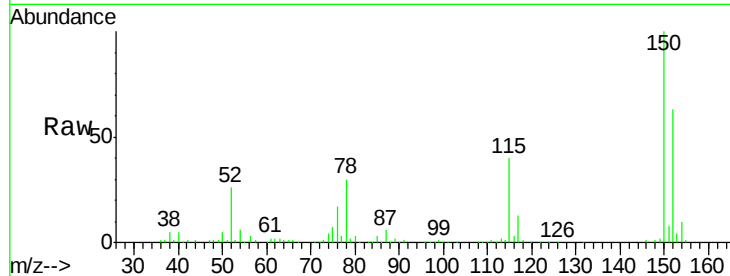
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.1	189.1
115	62.9	48.5	72.7

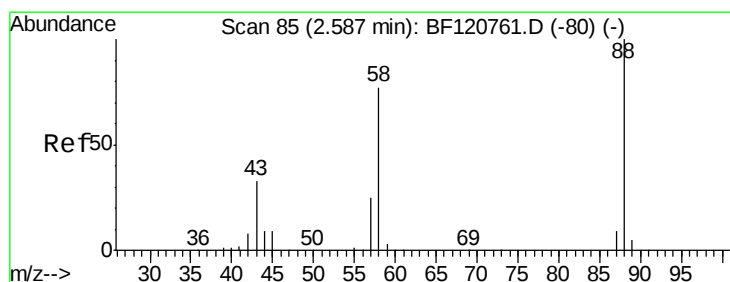
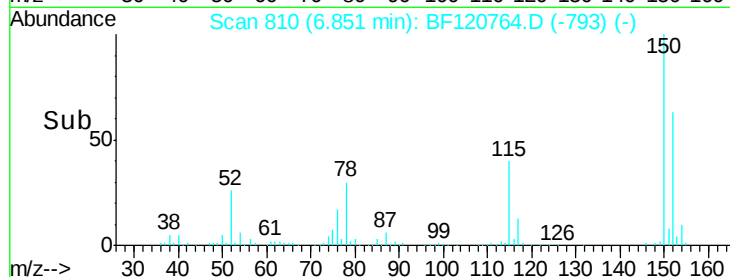
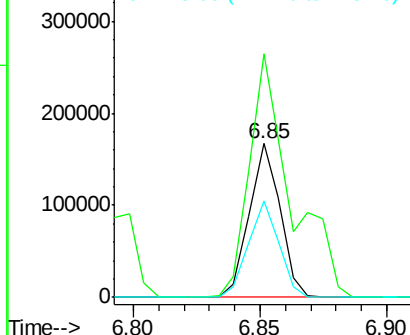
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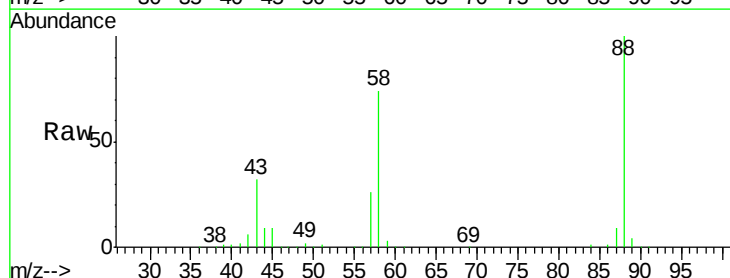


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

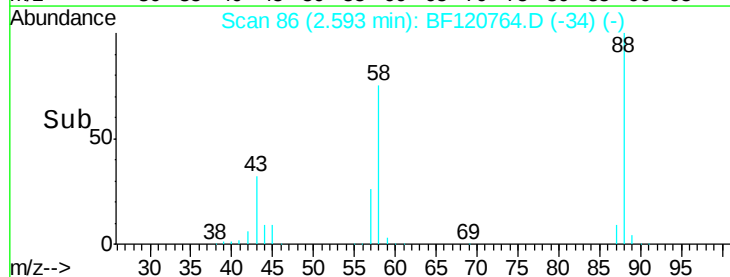
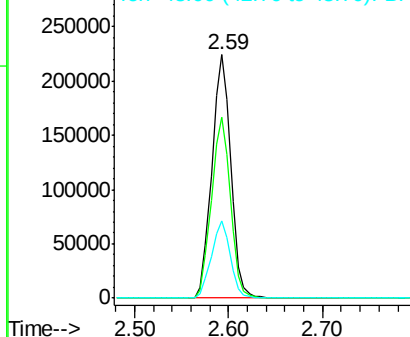


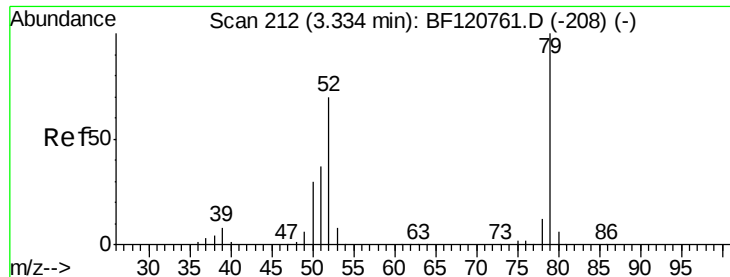
#2
 1,4-Dioxane
 Concen: 88.278 ng
 RT: 2.59 min Scan# 86
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	60.4	90.6
43	31.6	26.3	39.5



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





#3

Pvridine

Concen: 84.345 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 867711

Ion Ratio Lower Upper

79 100

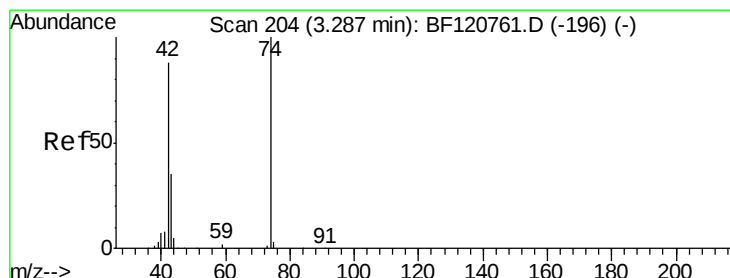
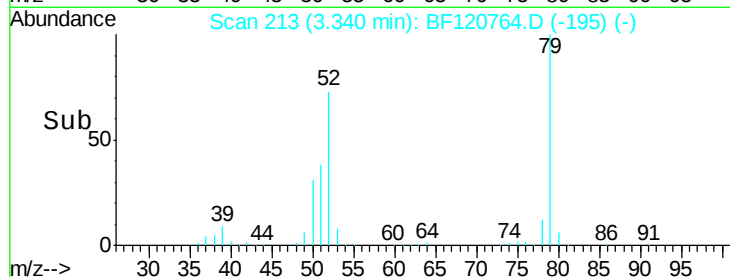
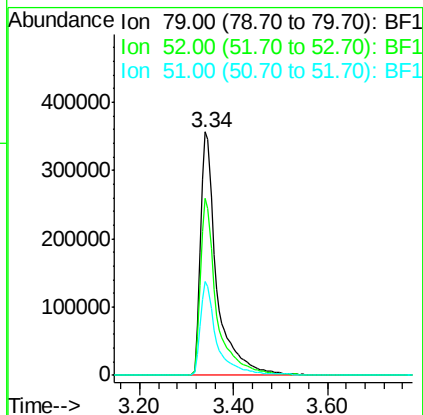
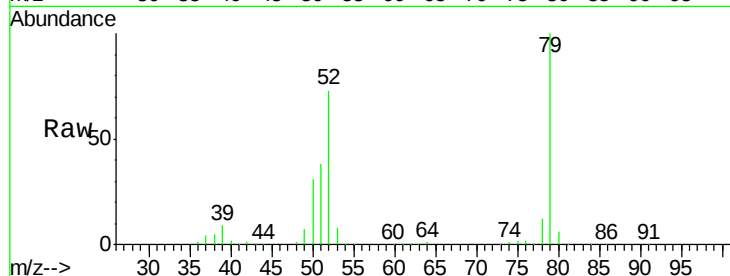
52 72.6 56.3 84.5

51 38.3 30.1 45.1

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#4

n-Nitrosodimethylamine

Concen: 105.866 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.02 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

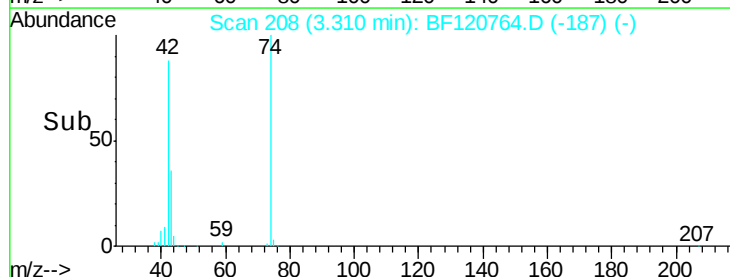
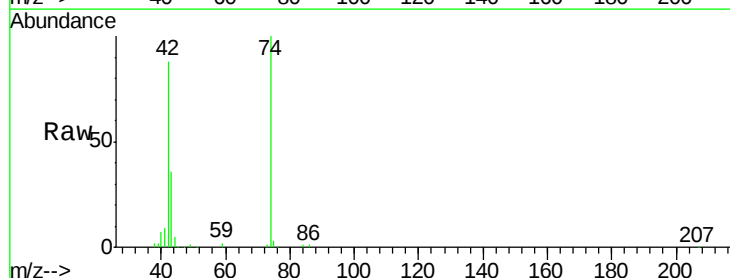
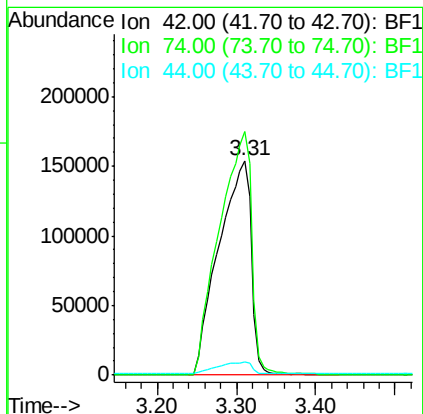
Tgt Ion: 42 Resp: 437439

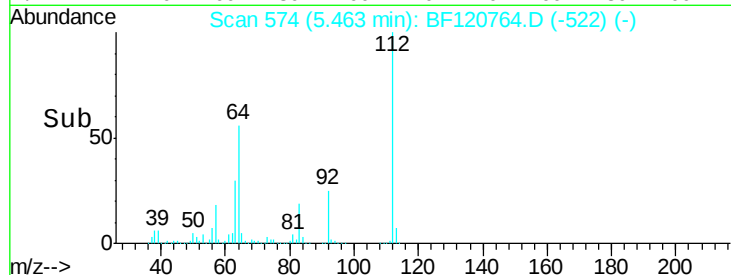
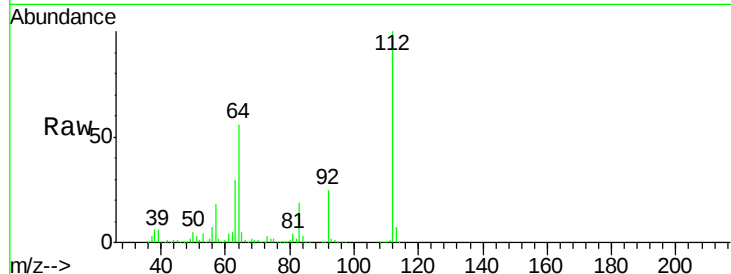
Ion Ratio Lower Upper

42 100

74 113.6 90.8 136.2

44 6.0 5.8 8.8





#5

2-Fluorophenol

Concen: 154.713 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Tot Ion:	112	Resp:	1312089
Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.8	65.6
63	29.8	23.6	35.4

Instrument :

BNA_F

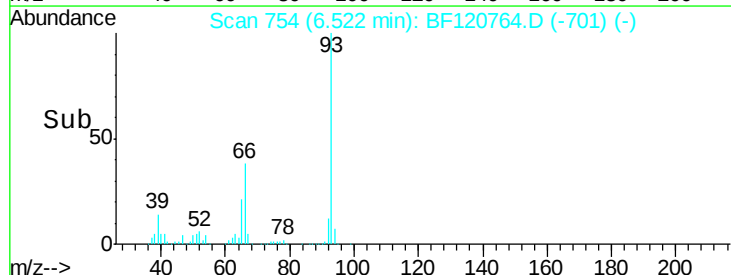
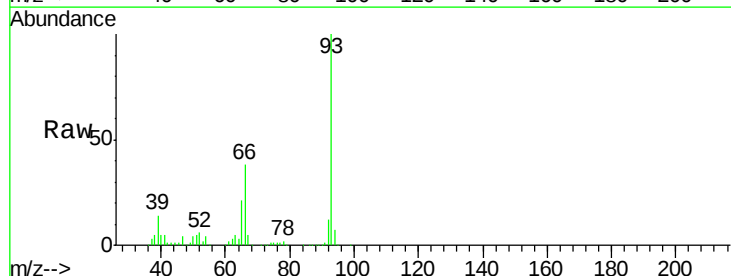
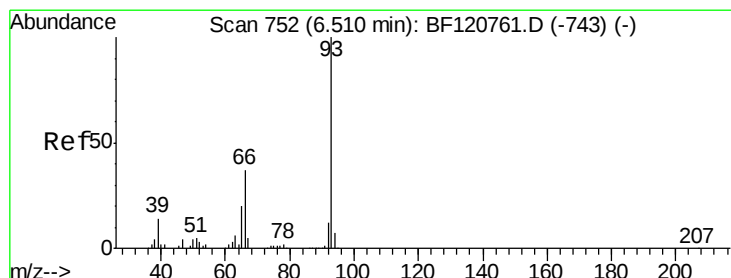
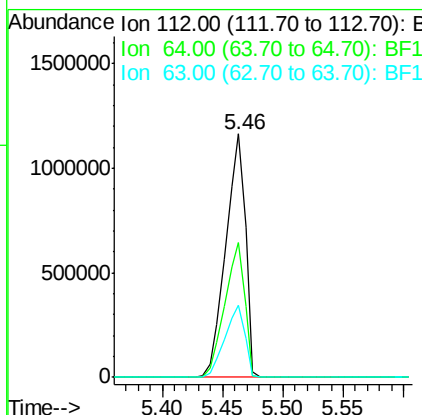
ClientSampleId :

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#6

Aniline

Concen: 83.083 ng

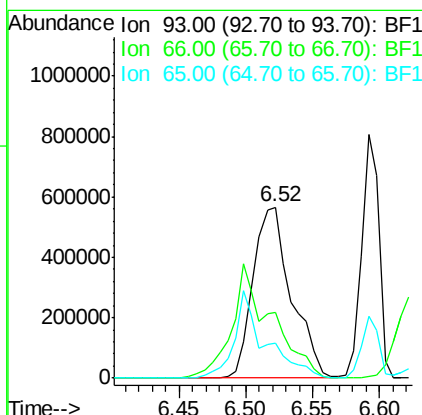
RT: 6.52 min Scan# 754

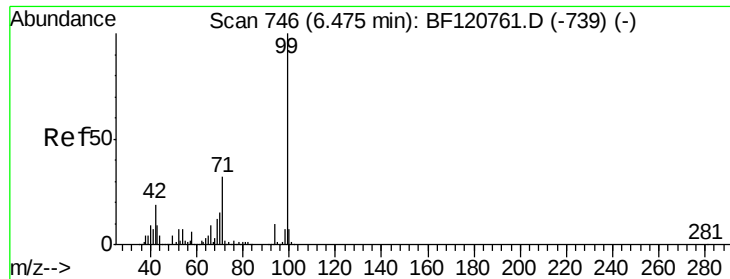
Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Tgt Ion:	93	Resp:	1122724
Ion	Ratio	Lower	Upper
93	100		
66	38.2	31.3	46.9
65	20.6	16.5	24.7





#7

Phenol-d6

Concen: 148.595 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 1657145

Ion Ratio Lower Upper

99 100

42 19.0 15.4 23.0

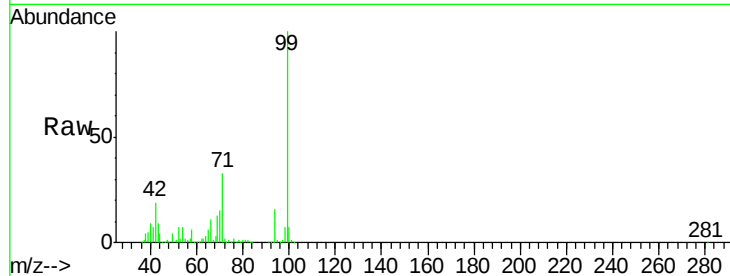
71 32.8 25.9 38.9

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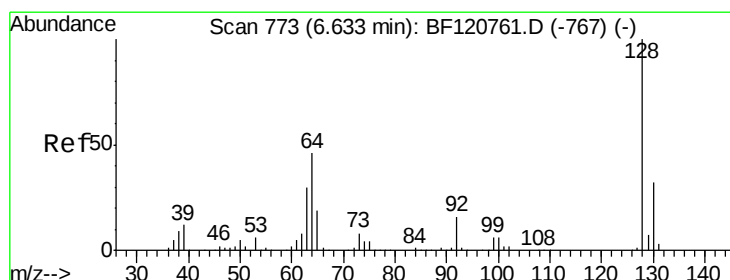
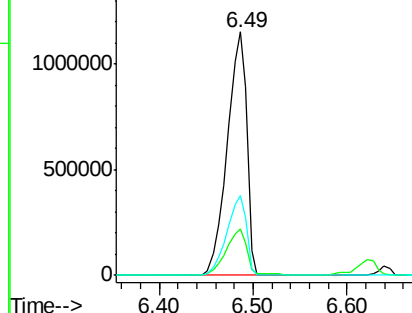
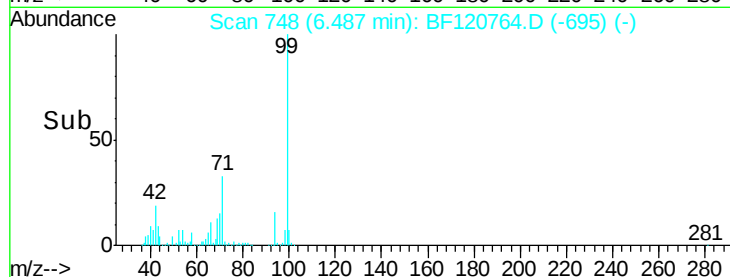
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 77.662 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

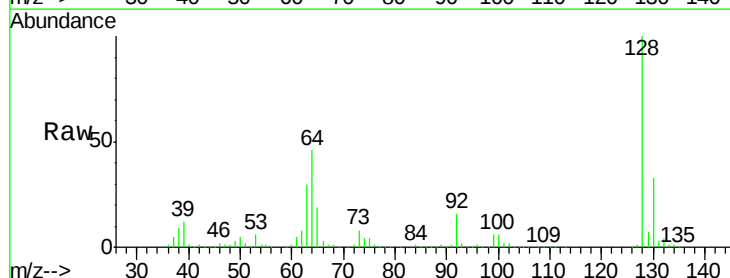
Tgt Ion: 128 Resp: 716164

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

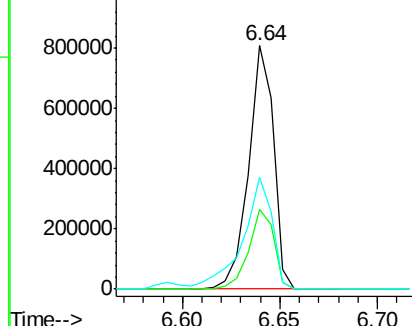
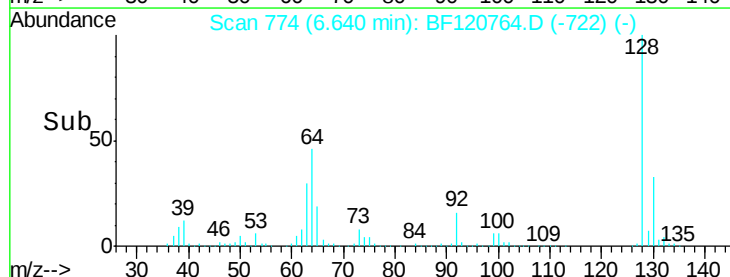
64 45.8 26.3 66.3

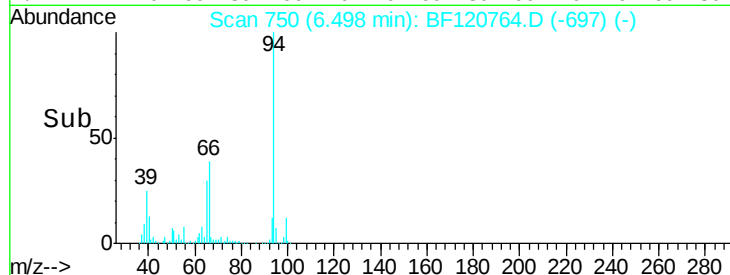
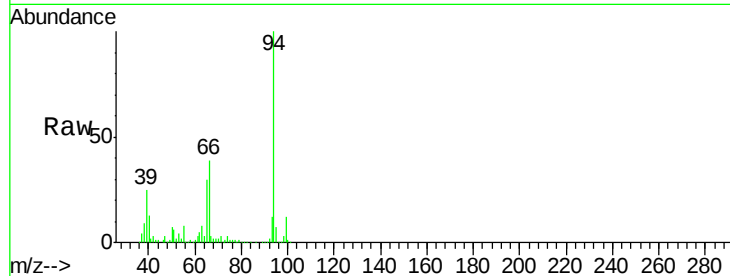
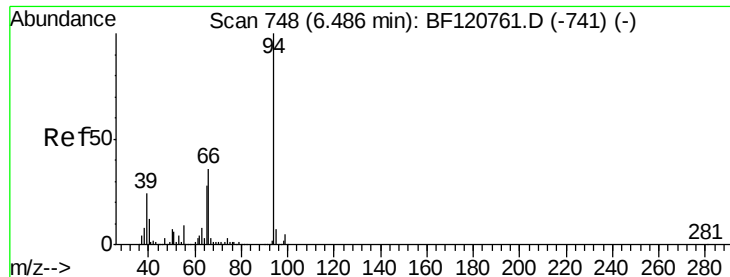


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 84.073 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Tot Ion:	94	Resp:	904257
Ion	Ratio	Lower	Upper
94	100		
65	30.3	8.4	48.4
66	39.4	16.5	56.5

Instrument :

BNA_F

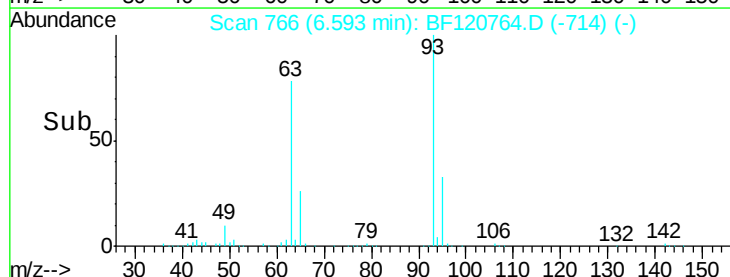
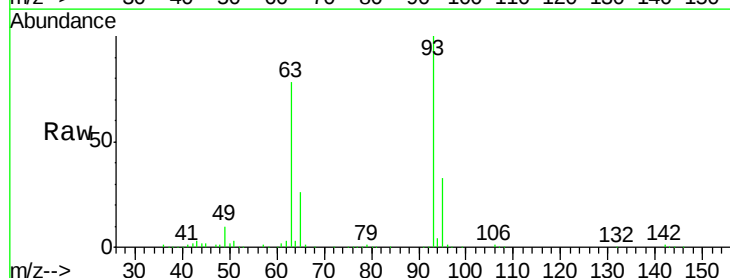
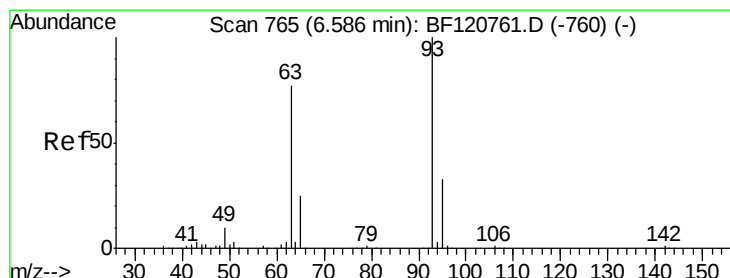
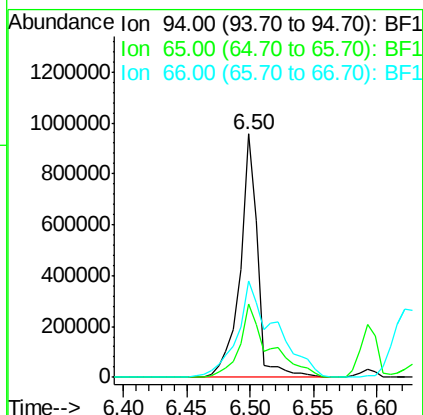
ClientSampleId :

SSTDIC080

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#11

bis(2-Chloroethyl)ether

Concen: 78.378 ng

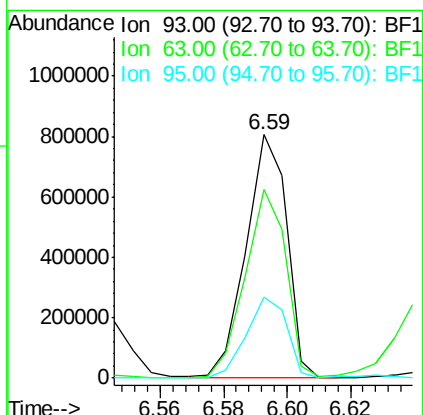
RT: 6.59 min Scan# 766

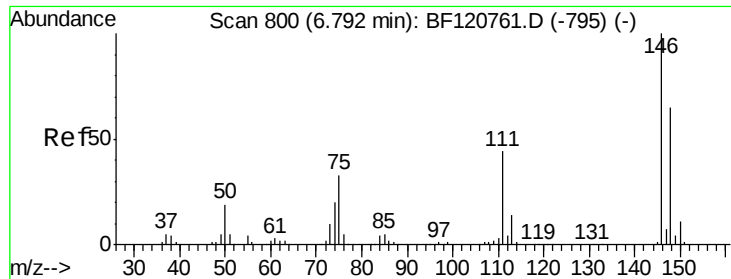
Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Tgt Ion:	93	Resp:	717771
Ion	Ratio	Lower	Upper
93	100		
63	77.6	56.9	96.9
95	33.1	13.3	53.3





#12
 1,3-Dichlorobenzene
 Concen: 75.836 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

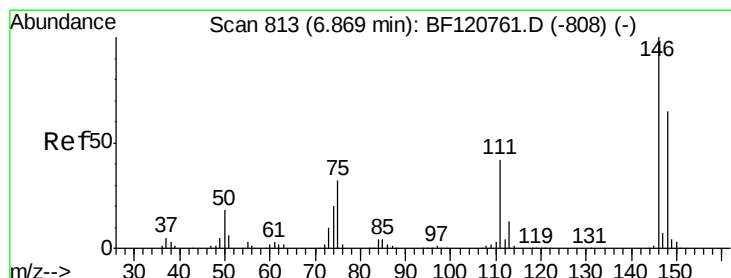
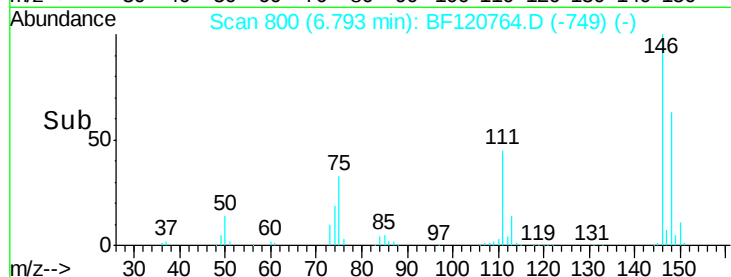
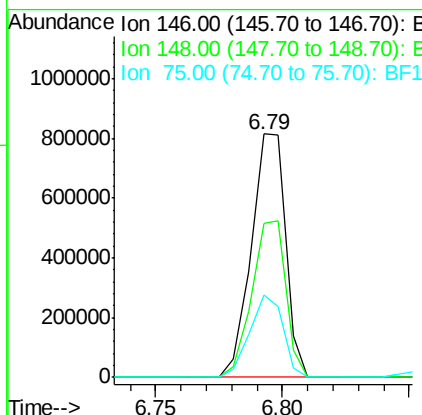
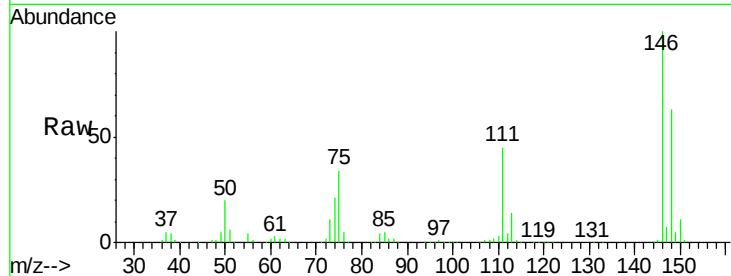
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		772181		
148	63.3	52.1	78.1		
75	34.0	26.0	39.0		

Manual Integrations
 APPROVED

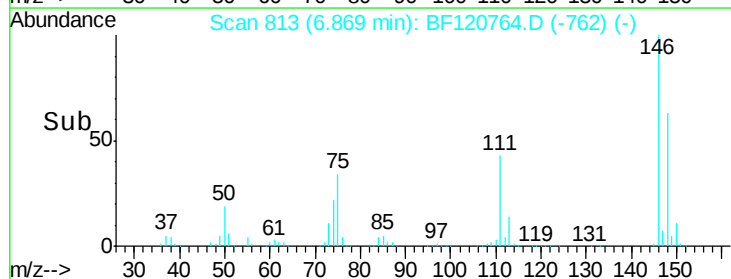
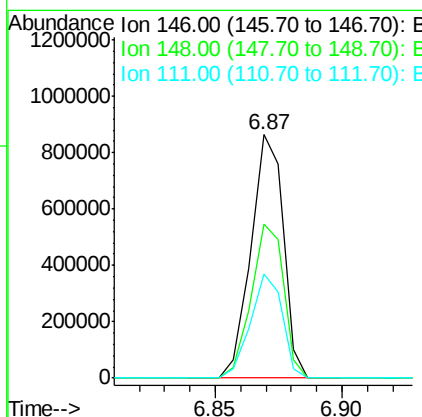
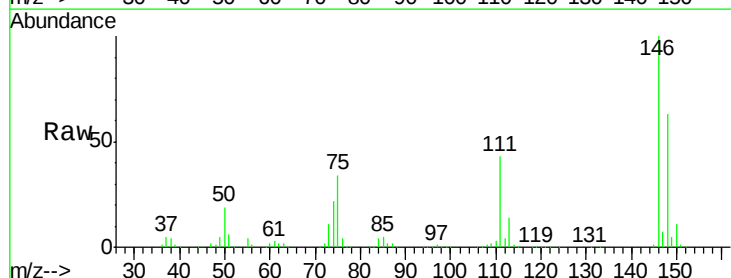
mohammad

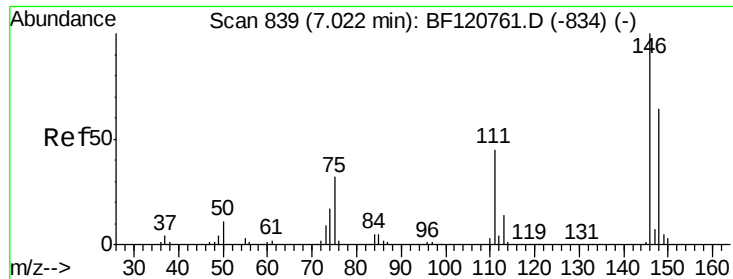
7/7/2020 8:25:31 AM



#13
 1,4-Dichlorobenzene
 Concen: 75.372 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		770222		
148	63.2	51.8	77.6		
111	42.9	33.7	50.5		





#14
 1,2-Dichlorobenzene
 Concen: 69.222 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

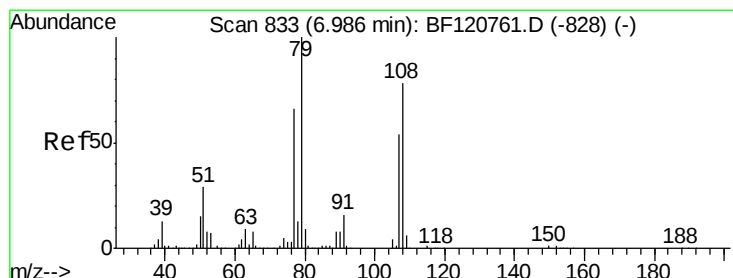
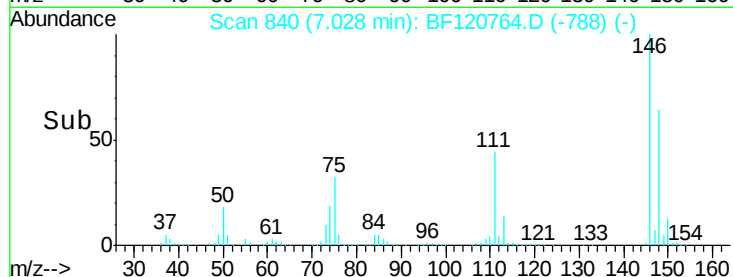
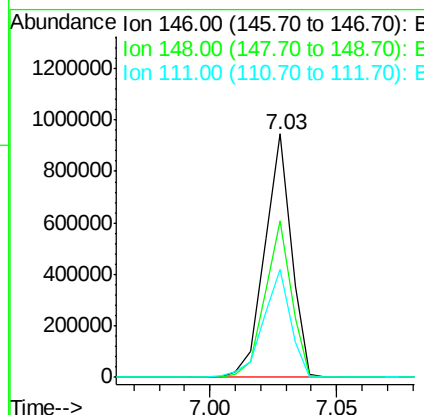
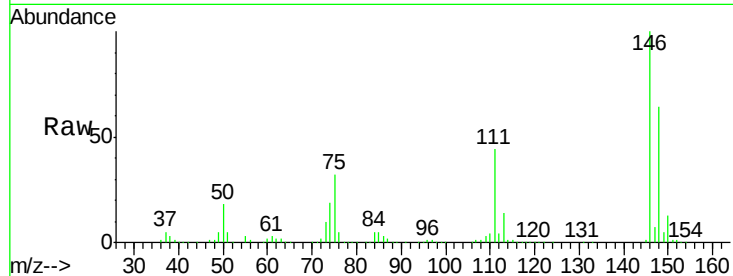
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		697622		
148	64.1	51.0		76.4	
111	44.4	35.7		53.5	

Manual Integrations
 APPROVED

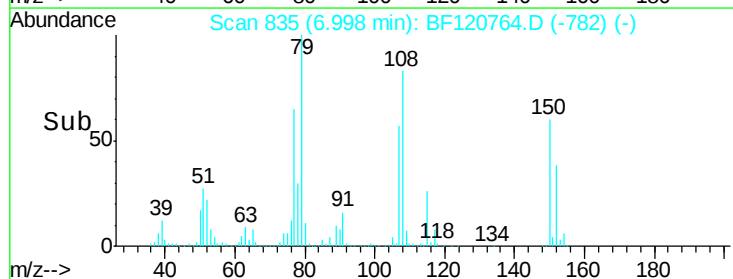
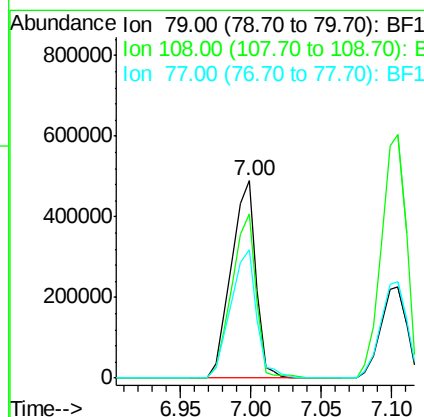
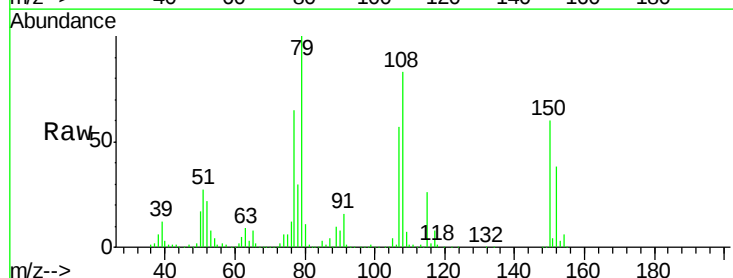
mohammad

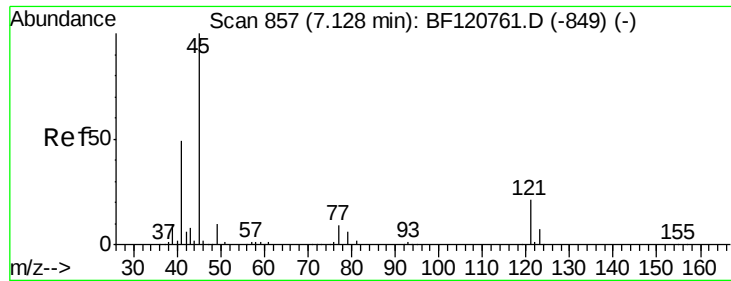
7/7/2020 8:25:31 AM



#15
 Benzyl Alcohol
 Concen: 85.095 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100		596932		
108	83.2	62.4		93.6	
77	65.4	52.7		79.1	





#16
2,2'-oxvbis(1-Chloropropane)
Concen: 88.613 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

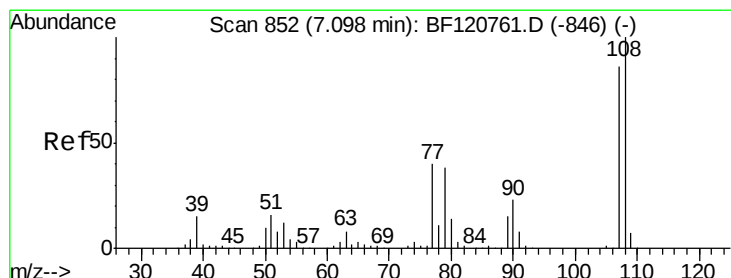
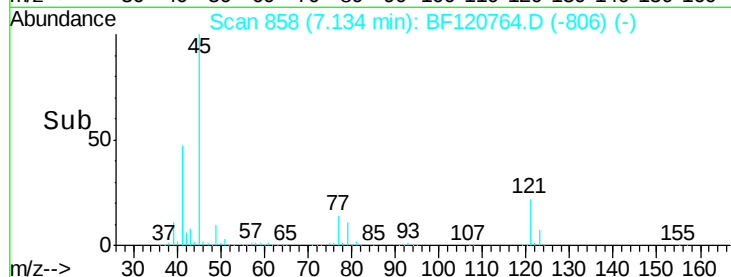
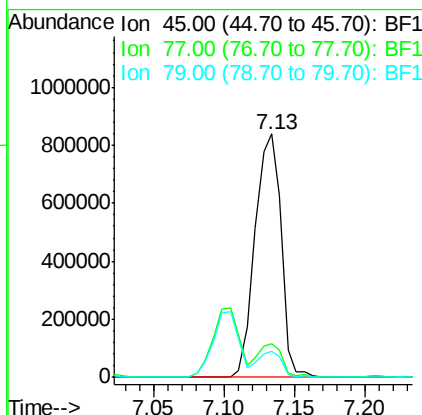
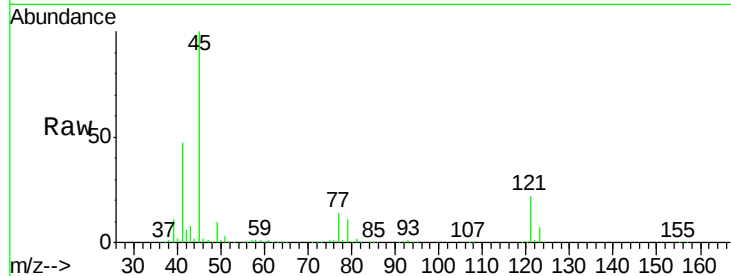
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion: 45 Resp: 1093242
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.7
79 10.9 0.0 30.5

Manual Integrations
APPROVED

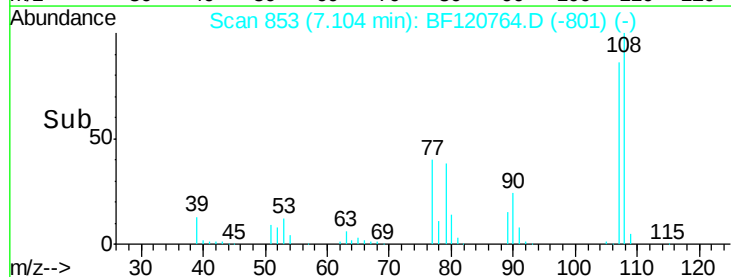
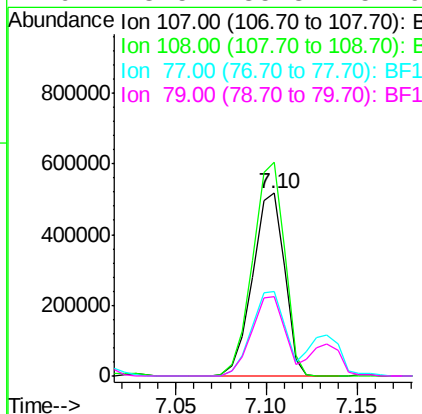
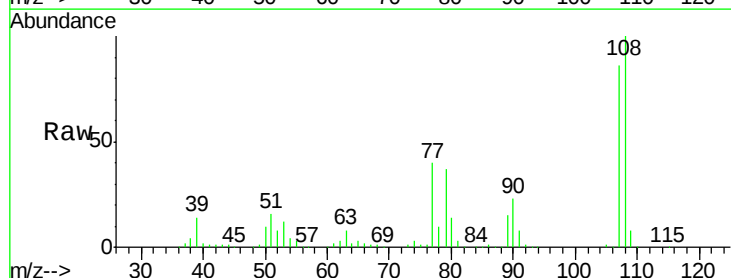
mohammad

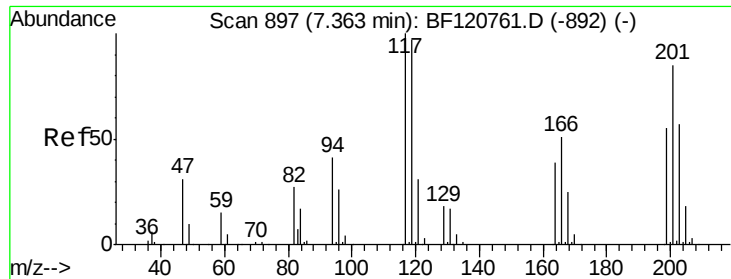
7/7/2020 8:25:31 AM



#17
2-Methylphenol
Concen: 79.773 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion: 107 Resp: 634307
Ion Ratio Lower Upper
107 100
108 116.8 93.1 139.7
77 46.2 37.3 55.9
79 43.5 35.3 52.9





#18
Hexachloroethane
Concen: 80.351 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

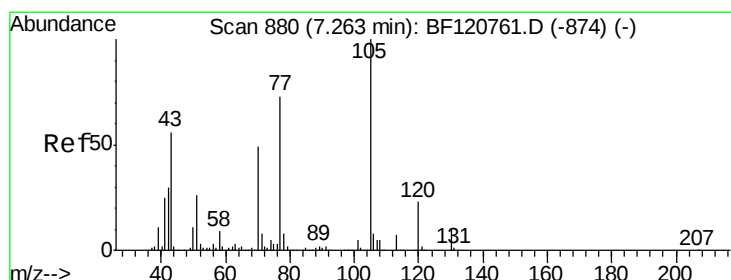
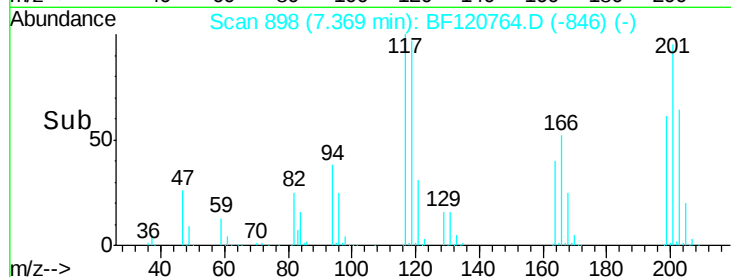
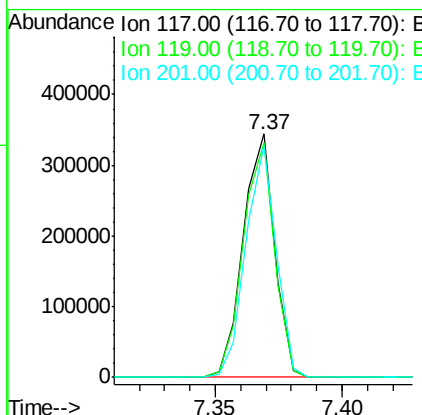
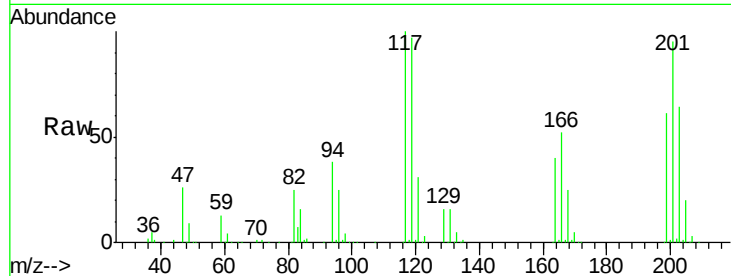
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.9	116.9
201	95.2	68.3	102.5

Manual Integrations
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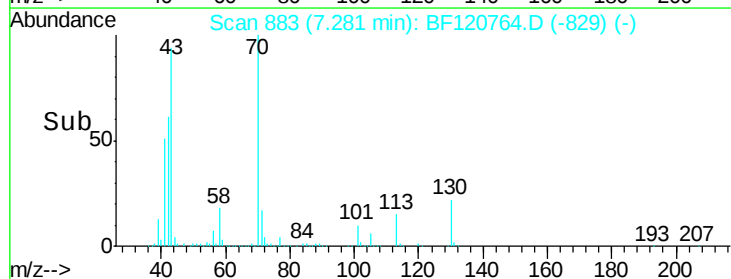
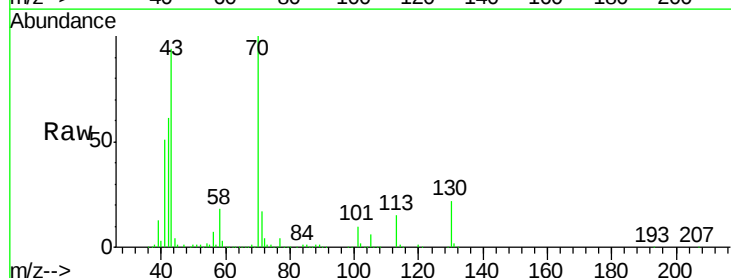
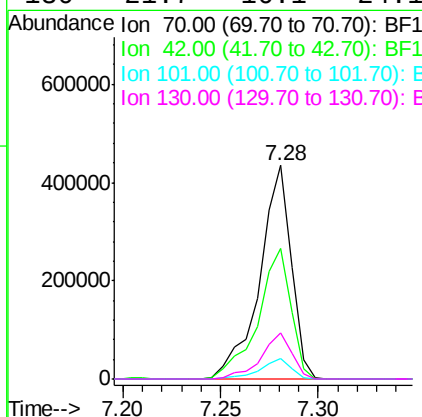
mohammad

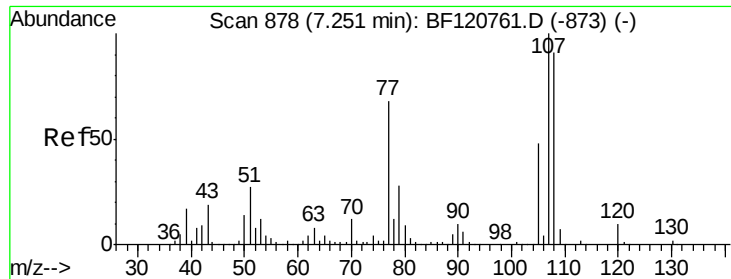
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#19
n-Nitroso-di-n-propylamine
Concen: 76.549 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.9	50.3	75.5
101	9.7	7.5	11.3
130	21.7	16.1	24.1





#20
3+4-Methylphenols
Concen: 62.572 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

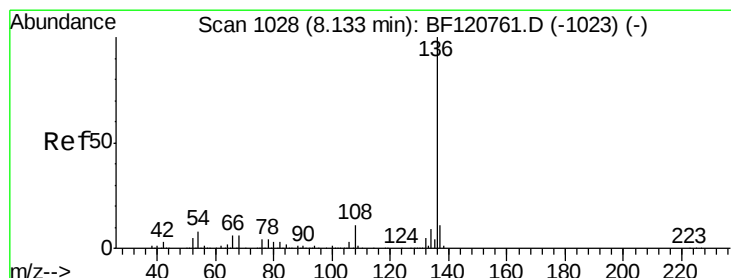
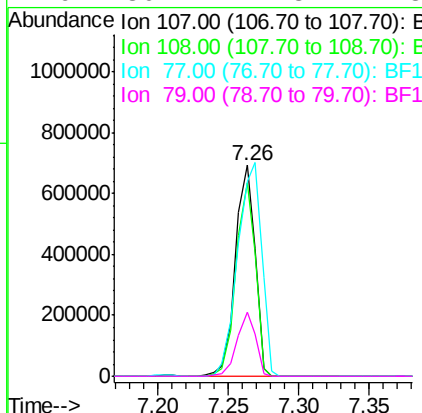
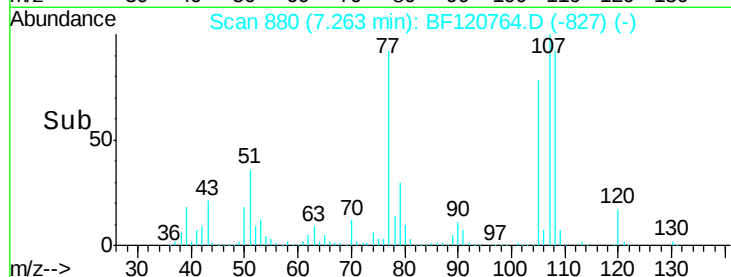
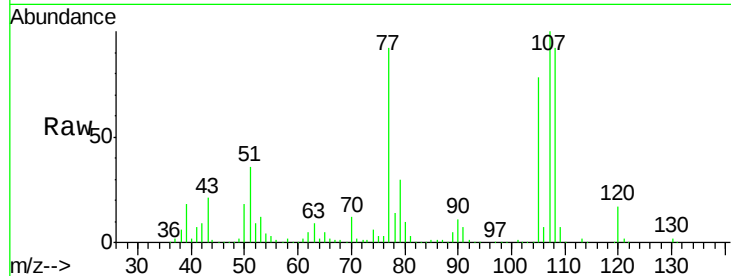
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.9	110.9
77	92.5	48.3	88.3#
79	30.2	7.8	47.8

Manual Integrations
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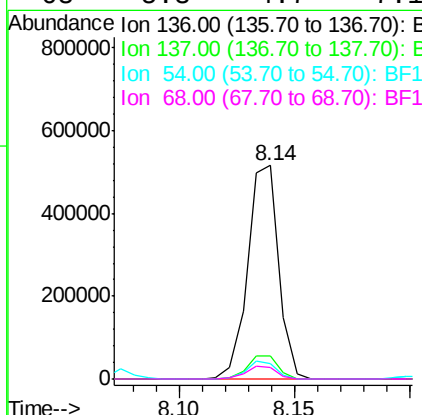
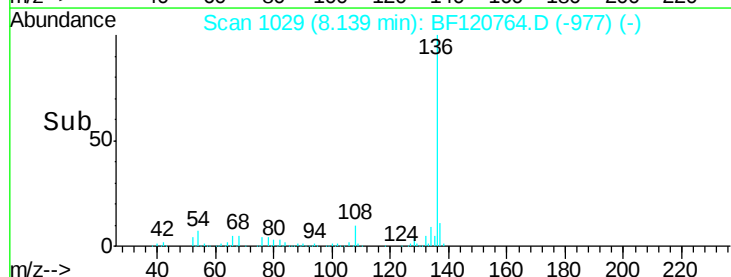
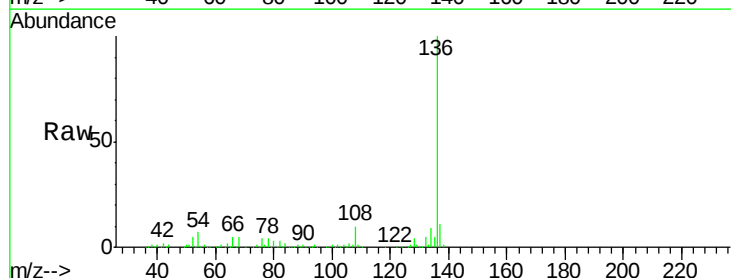
mohammad

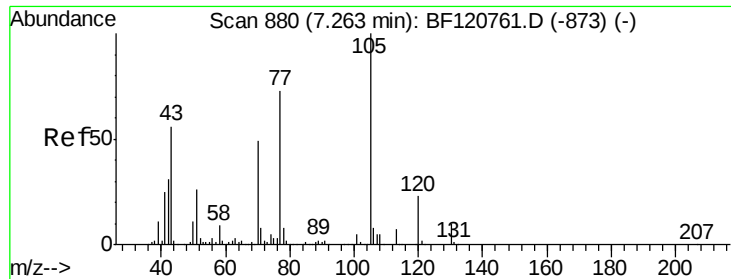
7/7/2020 8:25:31 AM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.4	6.2	9.4
68	5.3	4.7	7.1





#22

Acetophenone

Concen: 67.264 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF120764.D

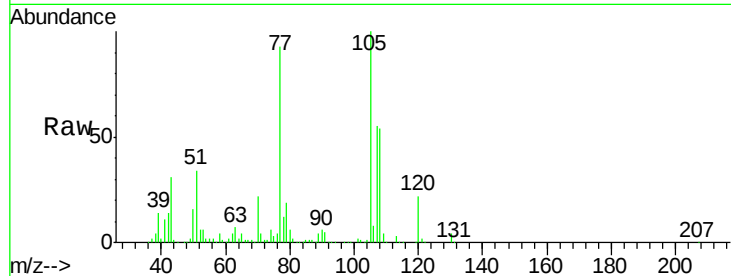
Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

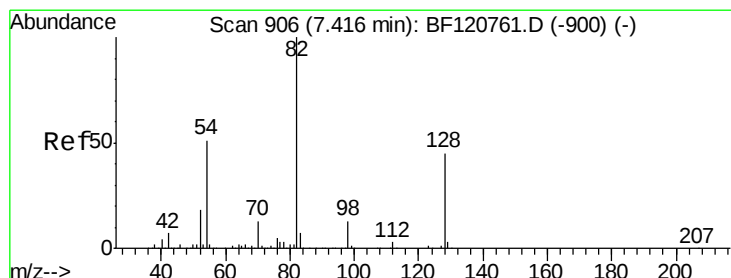
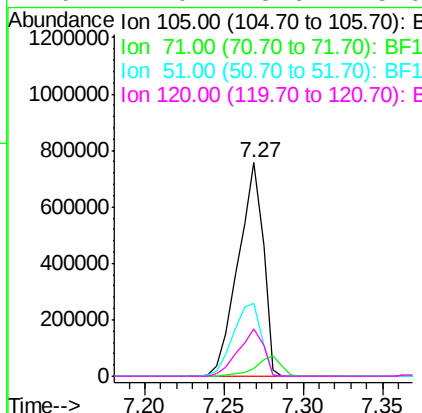
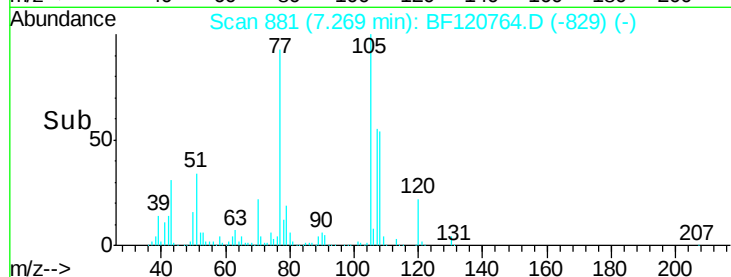


Tot Ion	Ratio	Lower	Upper
105	100		
71	3.8	6.5	9.7#
51	34.1	21.0	31.4#
120	22.0	18.6	28.0

Manual Integrations
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#23

Nitrobenzene-d5

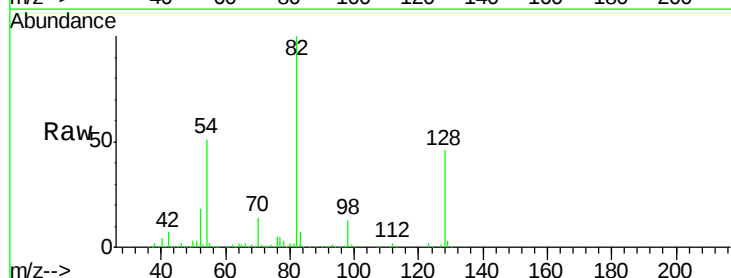
Concen: 163.686 ng

RT: 7.42 min Scan# 907

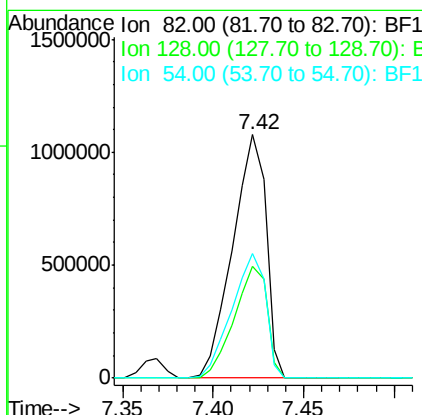
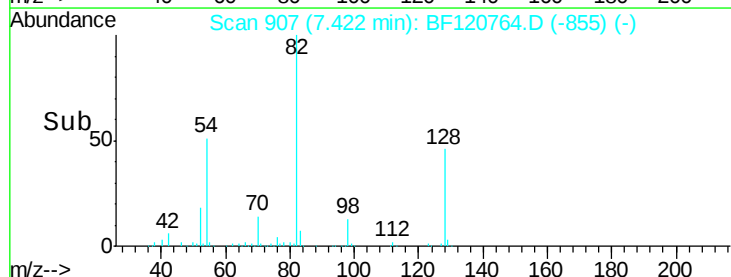
Delta R.T. 0.01 min

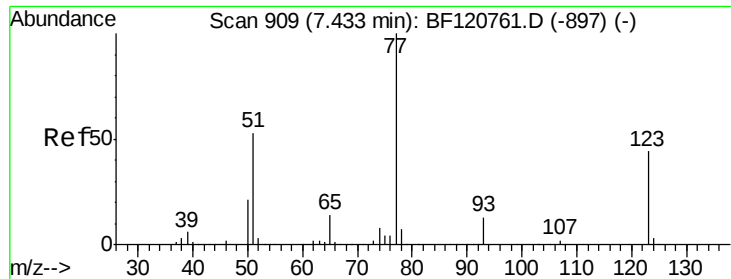
Lab File: BF120764.D

Acq: 2 Jul 2020 17:58



Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.7	53.5
54	51.1	40.9	61.3





#24

Nitrobenzene

Concen: 86.097 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

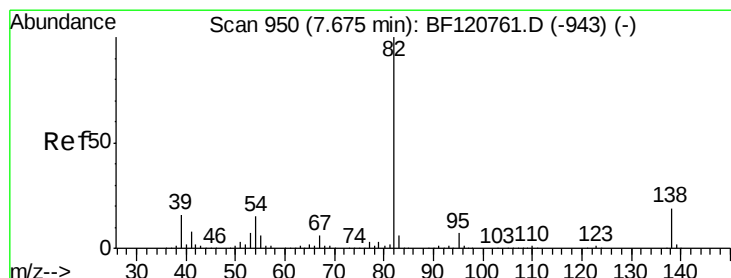
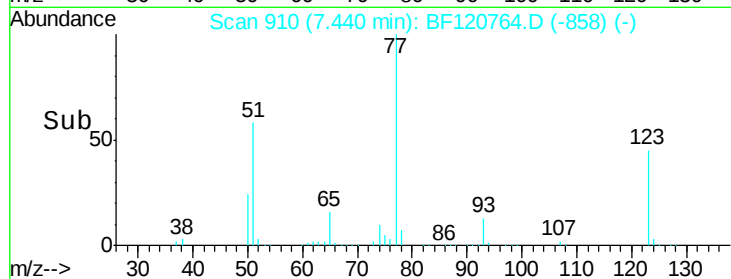
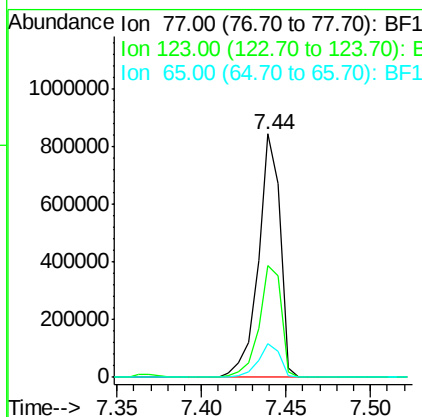
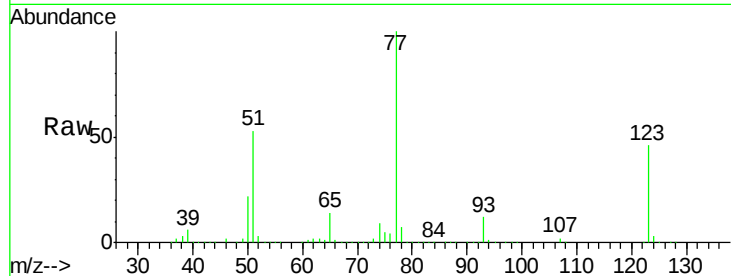
SSTDIC080

Tot Ion:	77	Resp:	757901
Ion Ratio	Lower	Upper	
77	100		
123	46.0	36.1	54.1
65	14.1	11.0	16.4

Manual Integrations
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#25

Isophorone

Concen: 84.838 ng

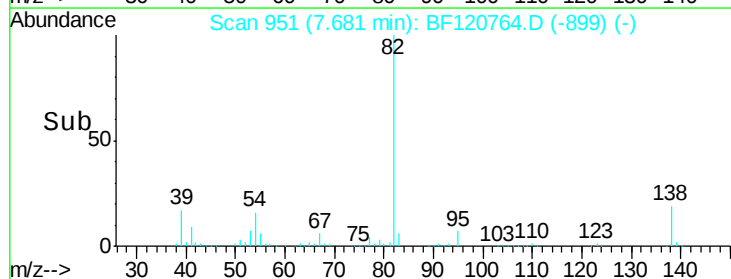
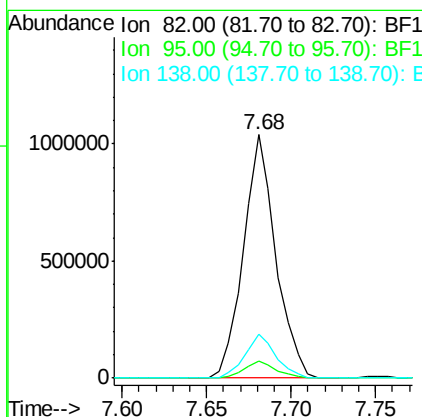
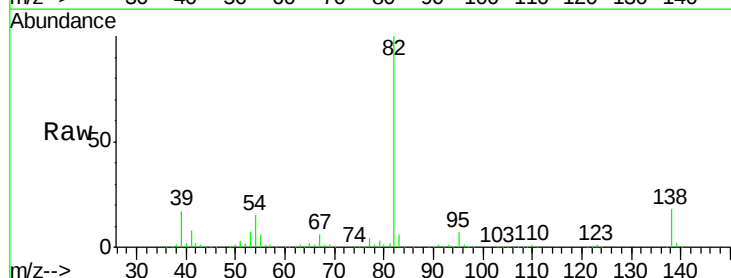
RT: 7.68 min Scan# 951

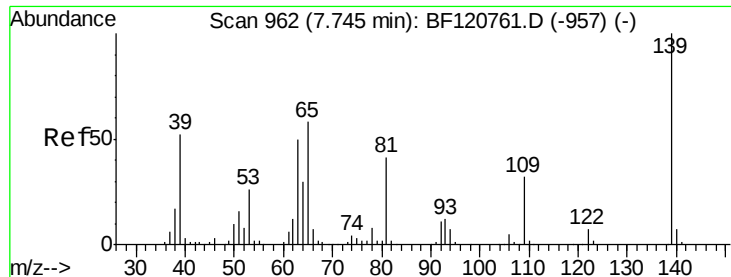
Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Tgt Ion:	82	Resp:	1386192
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	18.0	15.0	22.4





#26
2-Nitrophenol
Concen: 71.331 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

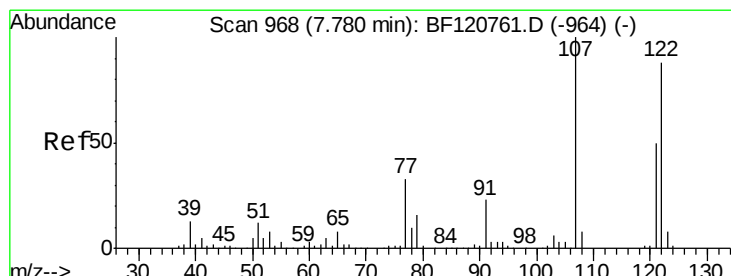
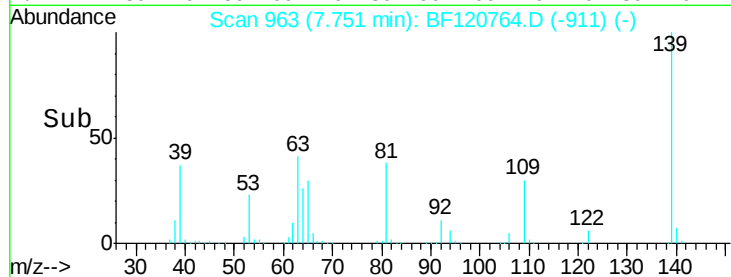
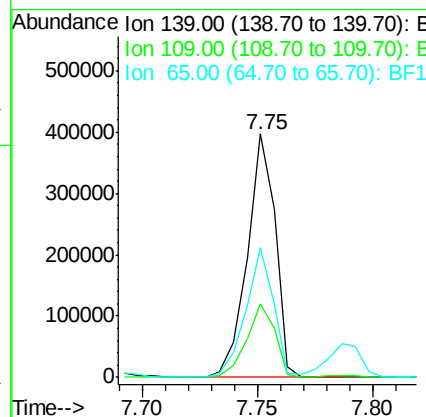
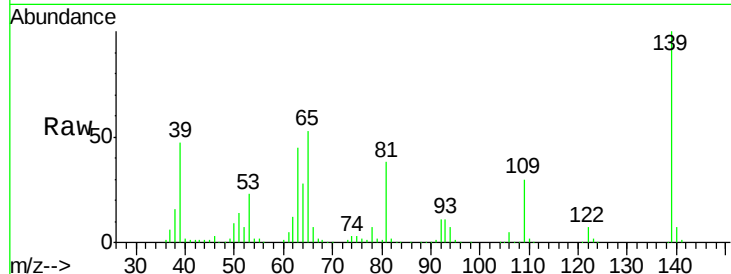
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.3	25.3	37.9	
65	53.2	46.2	69.2	

Manual Integrations
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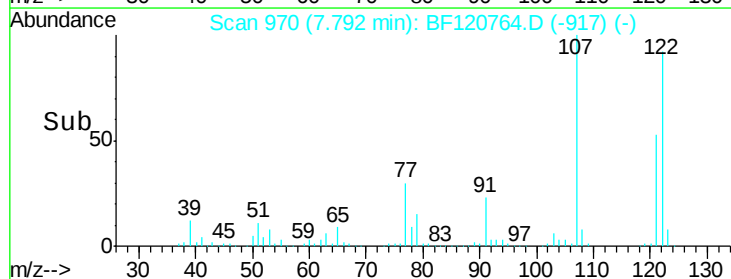
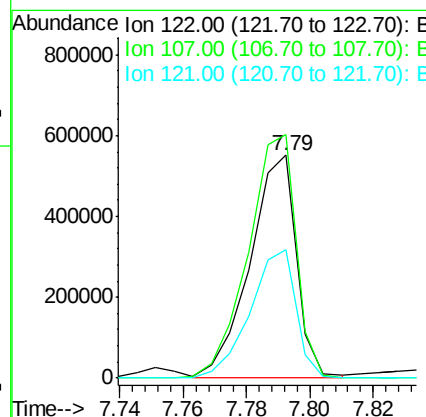
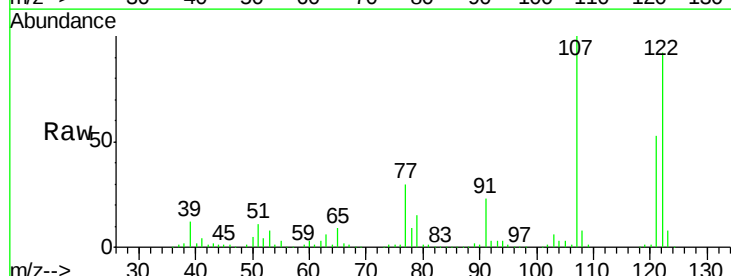
mohammad

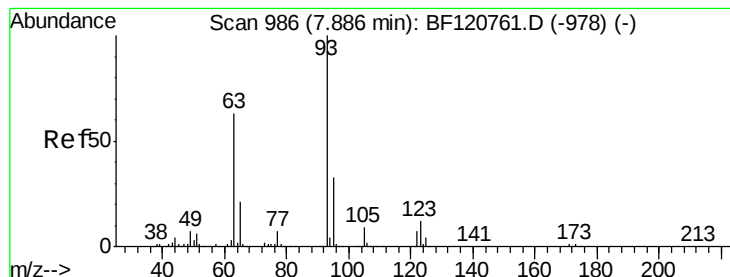
7/7/2020 8:25:31 AM



#27
2,4-Dimethylphenol
Concen: 79.644 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	109.2	90.7	136.1	
121	57.4	45.4	68.0	





#28

bis(2-Chloroethoxy)methane

Concen: 81.090 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

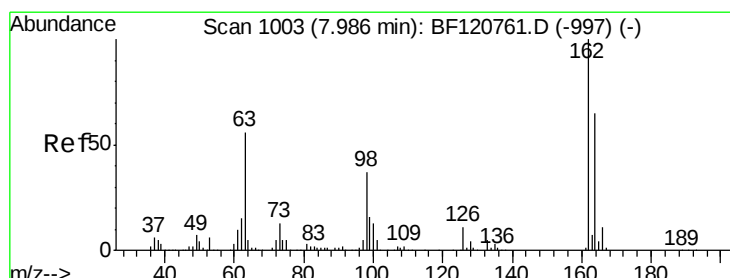
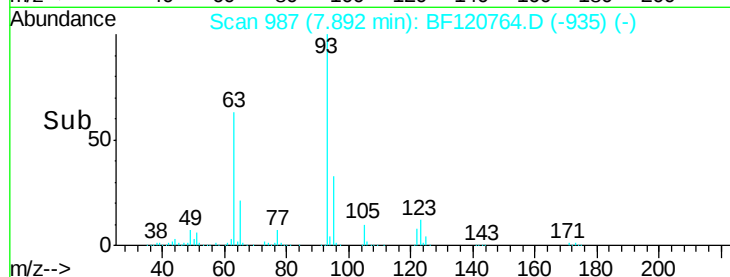
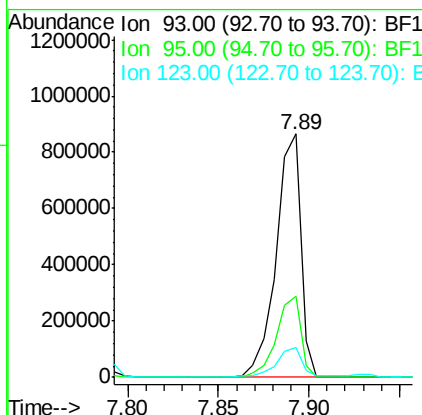
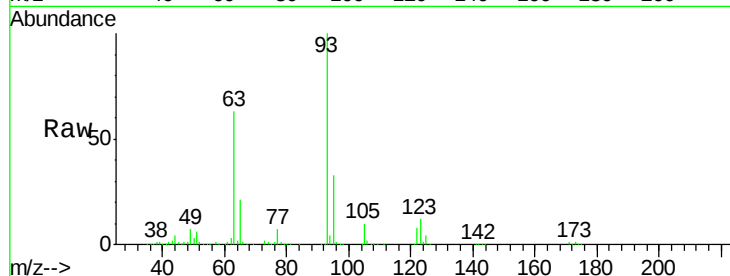
SSTDIC080

Tot Ion:	93	Resp:	816054
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	12.4	10.2	15.2

Manual Integrations
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#29

2,4-Dichlorophenol

Concen: 80.163 ng

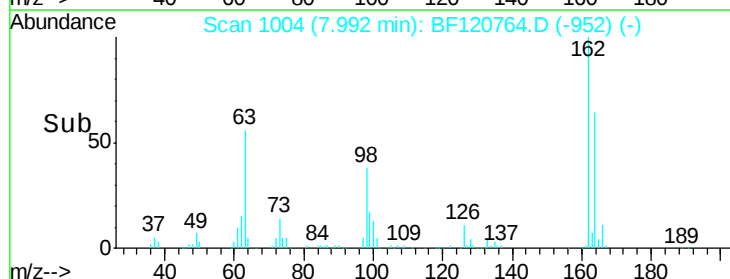
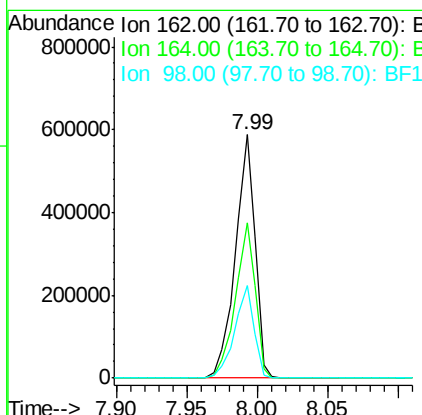
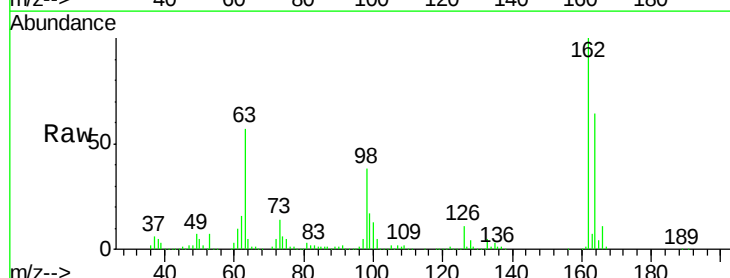
RT: 7.99 min Scan# 1004

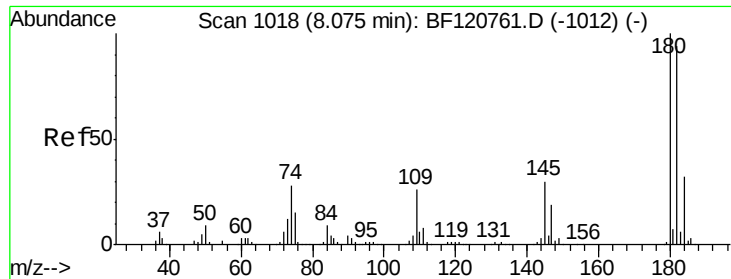
Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Tgt Ion:	162	Resp:	568828
Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.2	85.2
98	37.9	17.0	57.0





#30
 1,2,4-Trichlorobenzene
 Concen: 75.691 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

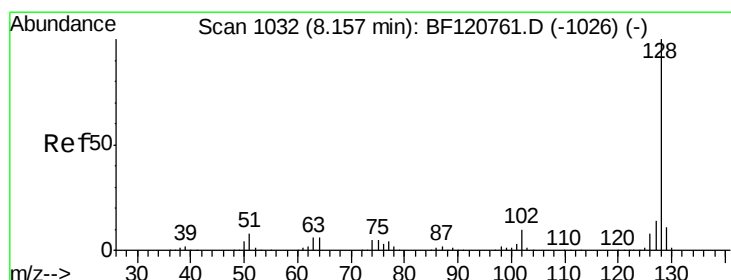
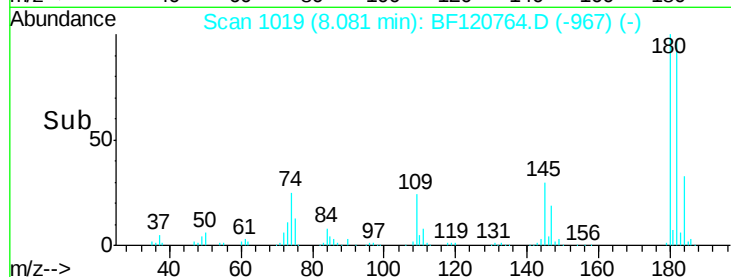
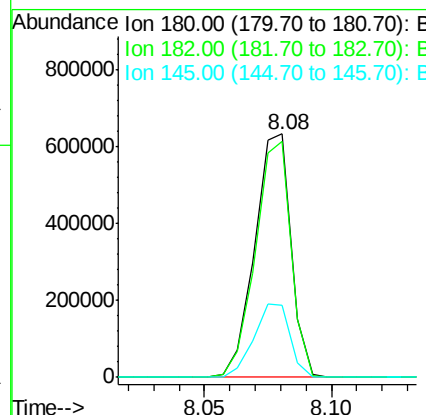
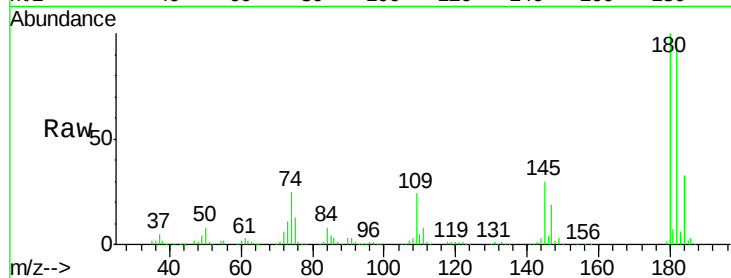
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.5	113.3
145	29.7	24.1	36.1

Manual Integrations
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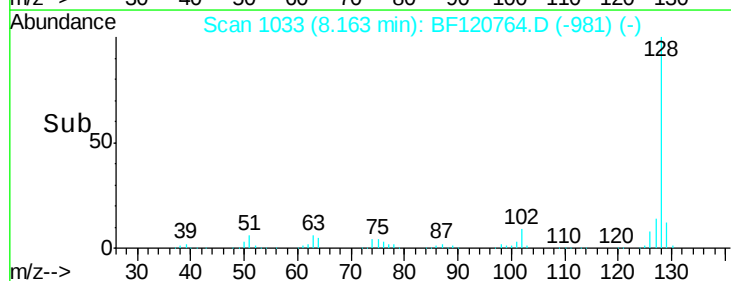
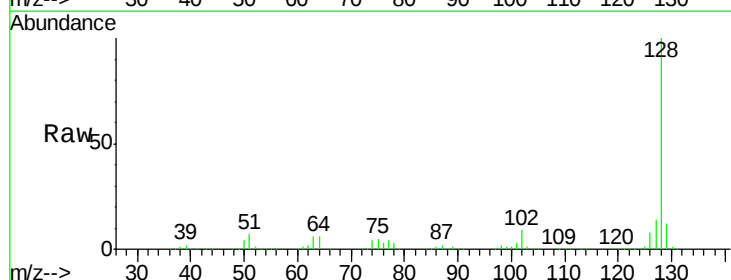
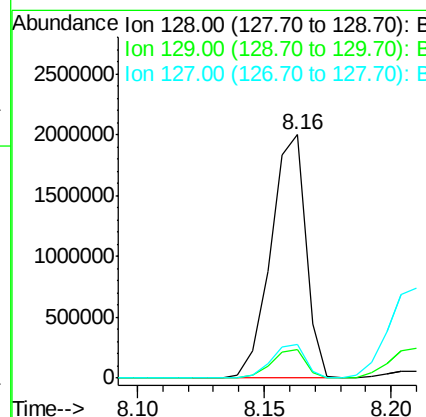
mohammad

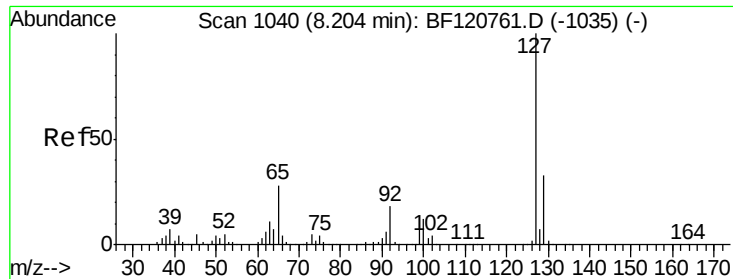
7/7/2020 8:25:31 AM



#31
 Naphthalene
 Concen: 79.013 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

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





#33
4-Chloroaniline
Concen: 80.263 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

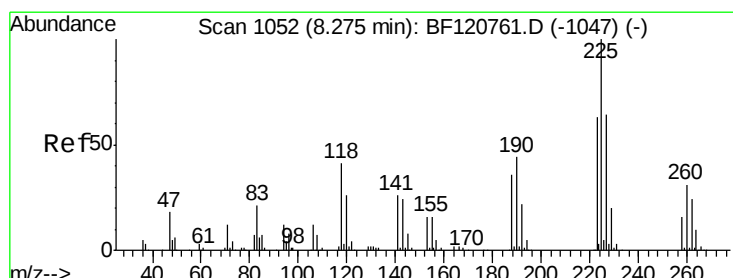
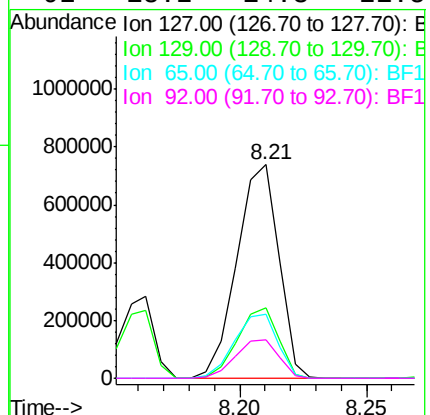
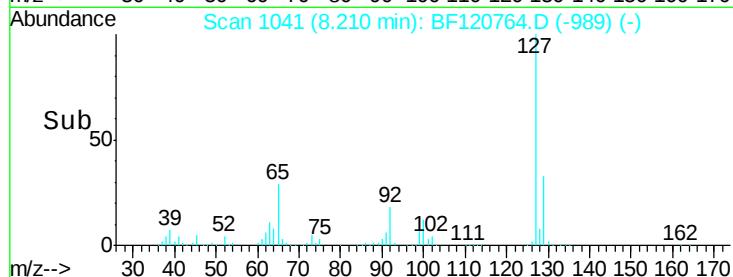
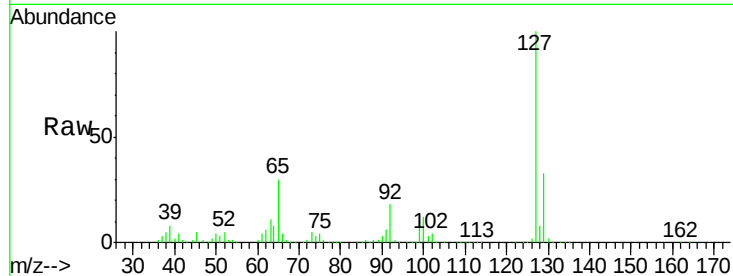
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	39.8		
65	29.9	22.7	34.1		
92	18.2	14.3	21.5		

Manual Integrations
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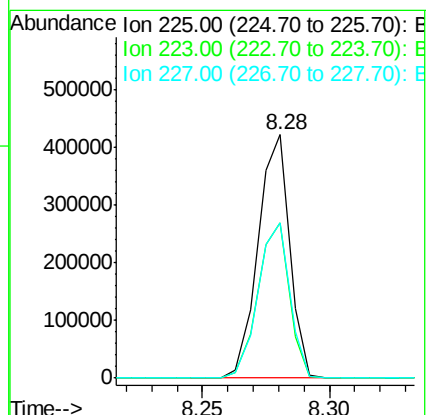
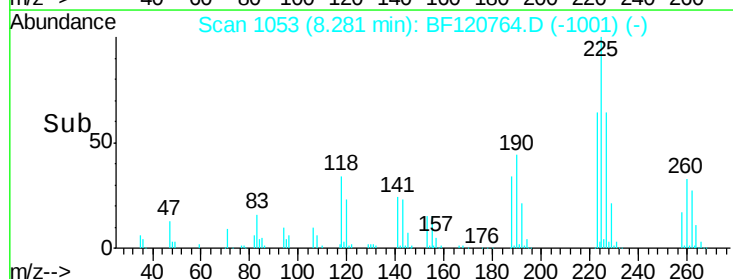
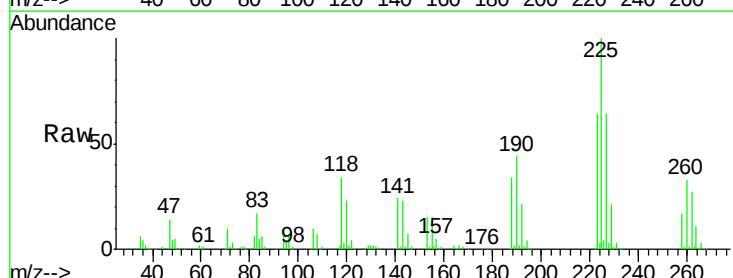
mohammad

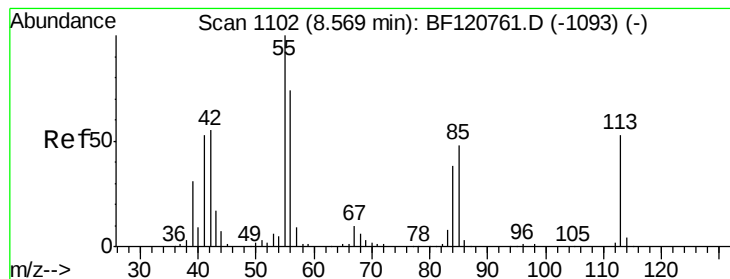
7/7/2020 8:25:31 AM



#34
Hexachlorobutadiene
Concen: 73.359 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.6	76.0		
227	64.0	51.4	77.2		





#35

Caprolactam

Concen: 70.607 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. 0.03 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

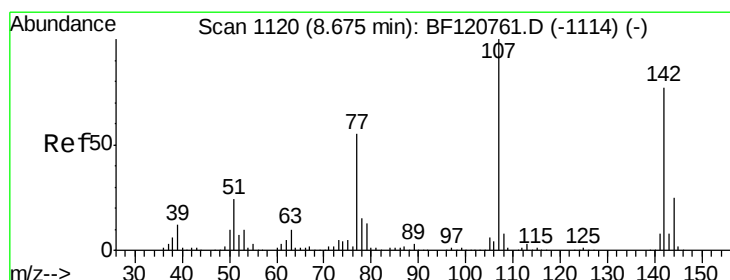
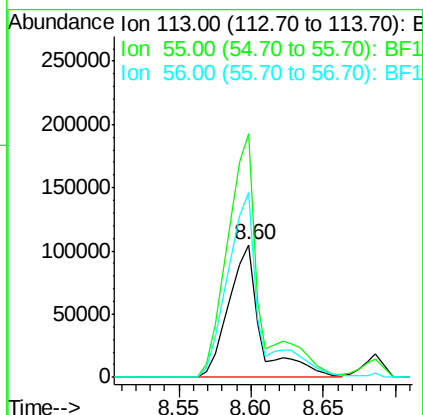
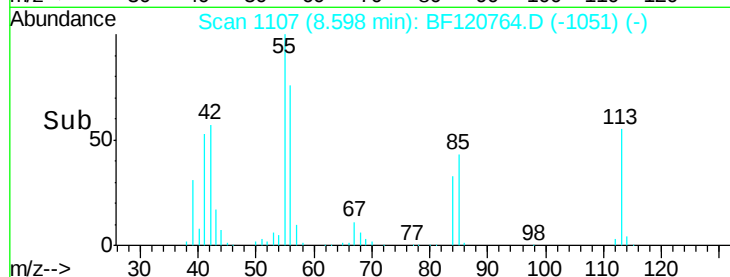
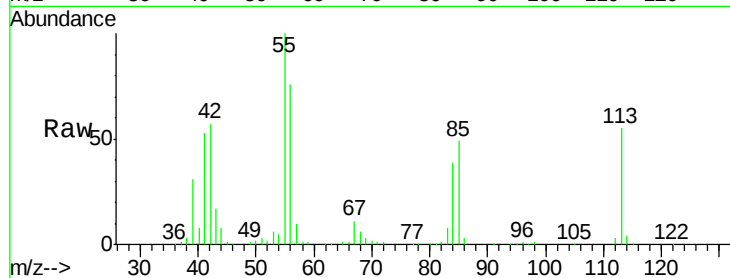
SSTDIC080

Tot Ion:	113	Resp:	162616
Ion Ratio	Lower	Upper	
113	100		
55	183.2	168.3	208.3
56	139.4	118.8	158.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 80.066 ng/mL

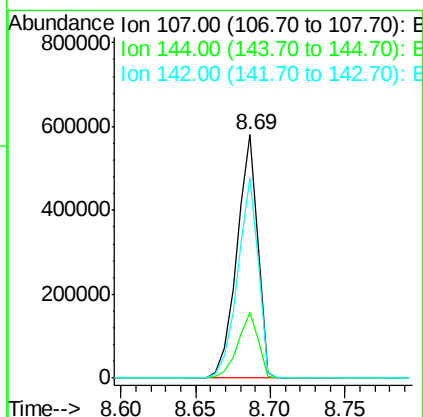
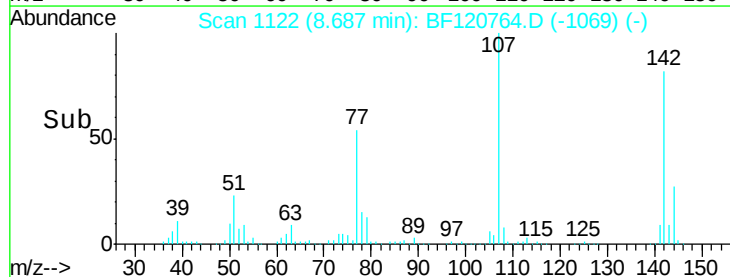
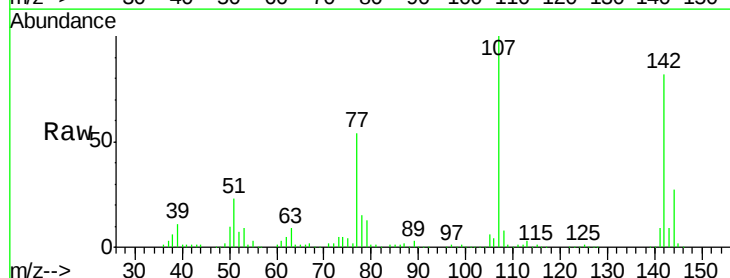
RT: 8.69 min Scan# 1122

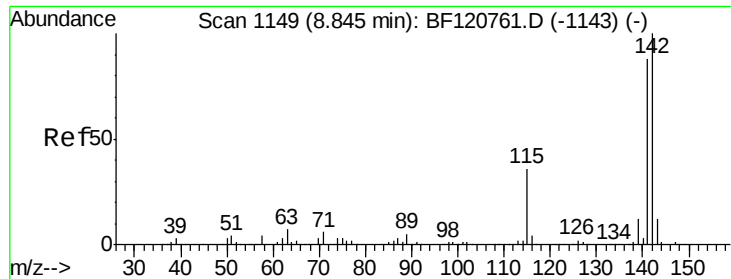
Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Tgt Ion:	107	Resp:	569252
Ion Ratio	Lower	Upper	
107	100		
144	26.9	19.7	29.5
142	82.4	61.2	91.8





#37
2-Methylnaphthalene
Concen: 73.568 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

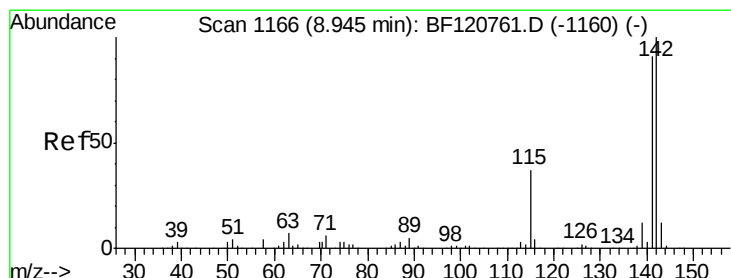
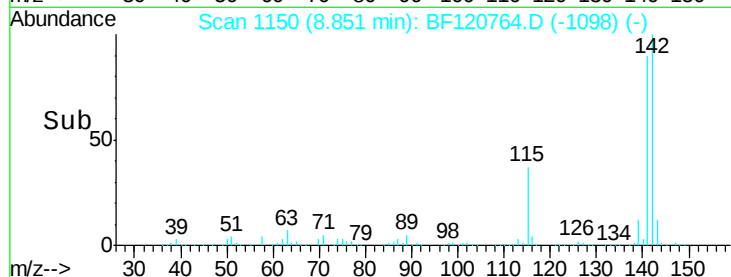
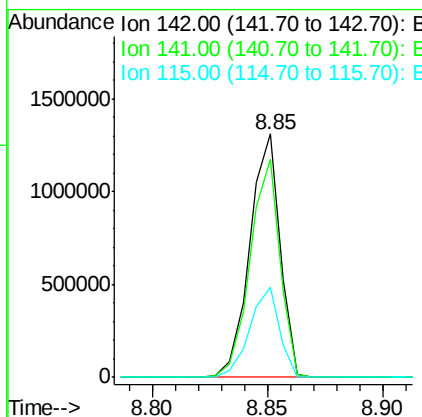
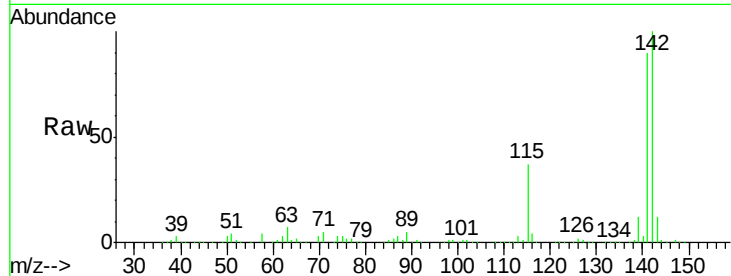
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:142 Resp: 1200435
Ion Ratio Lower Upper
142 100
141 89.5 70.2 105.4
115 36.8 29.0 43.4

Manual Integrations
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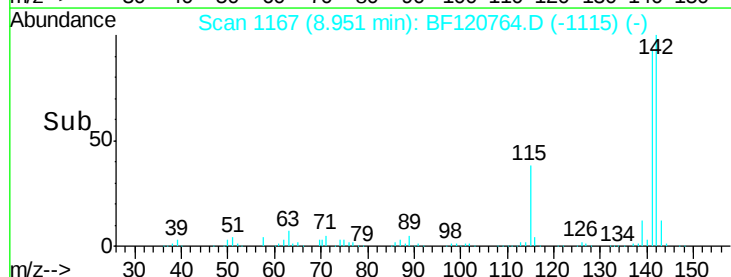
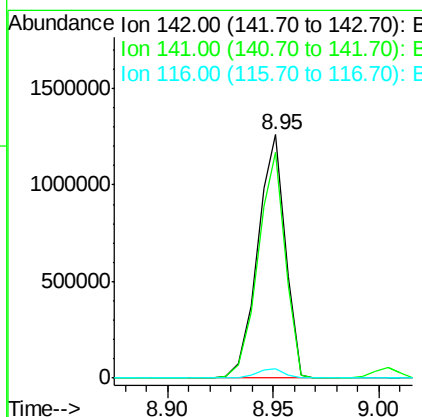
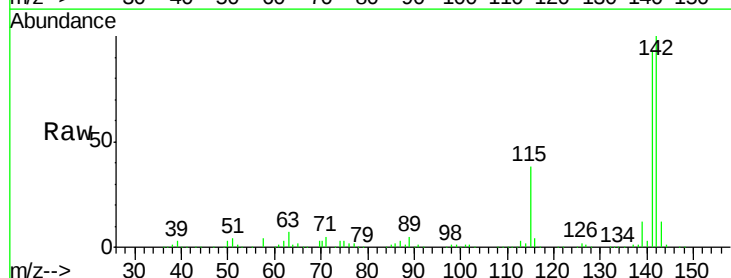
mohammad

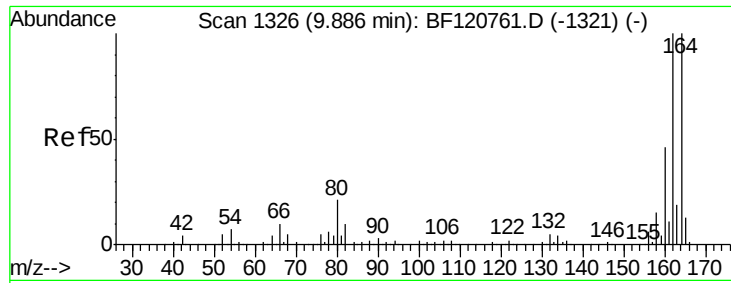
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#38
1-Methylnaphthalene
Concen: 74.762 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion:142 Resp: 1144245
Ion Ratio Lower Upper
142 100
141 92.8 72.5 108.7
116 4.0 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

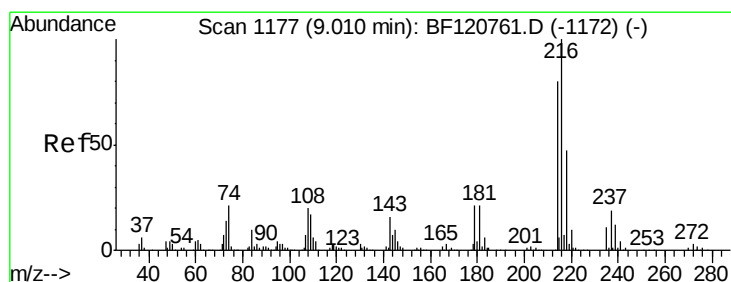
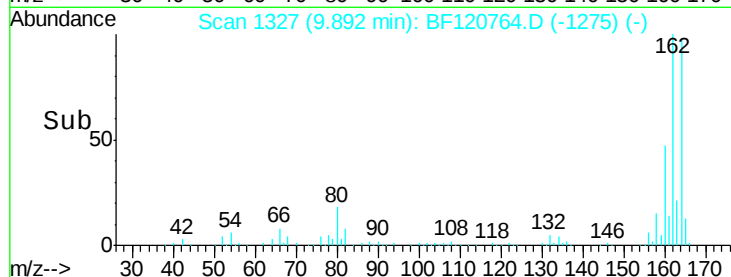
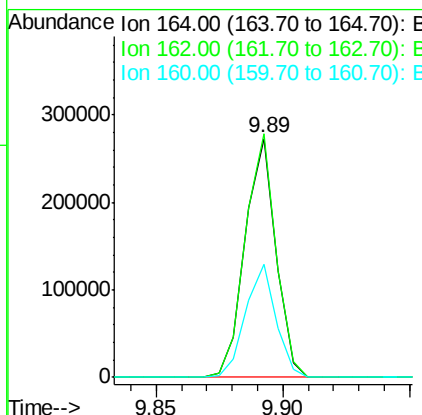
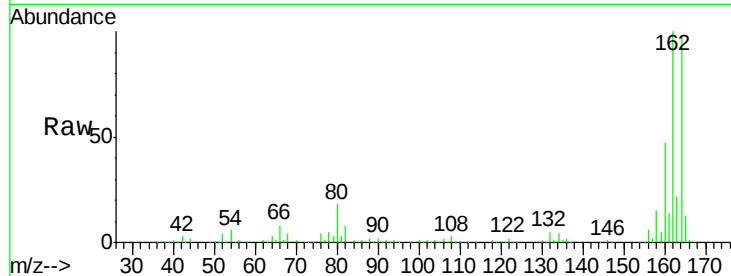
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	47.4	36.9	55.3

Manual Integrations
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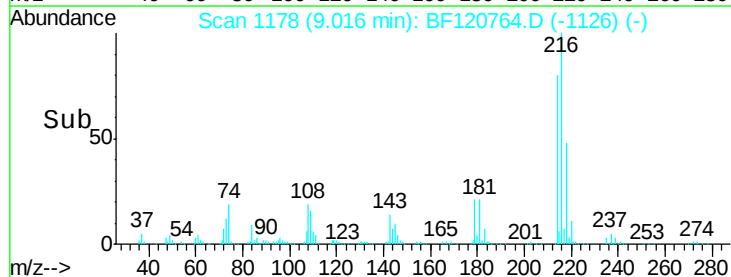
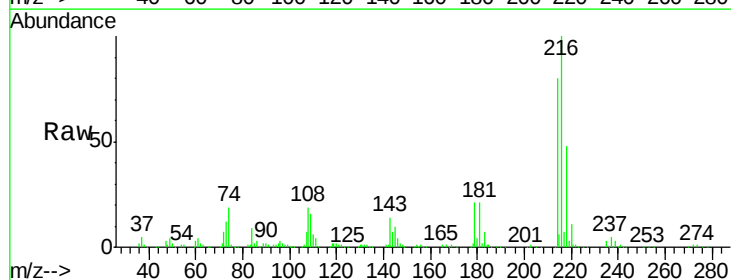
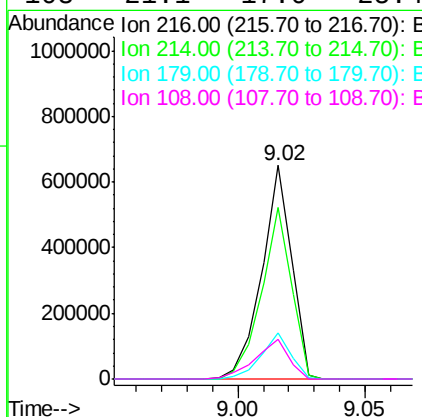
mohammad

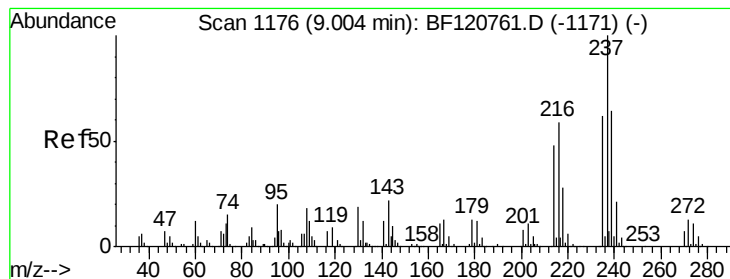
7/7/2020 8:25:31 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.796 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.7	95.5
179	21.5	16.7	25.1
108	21.1	17.0	25.4





#41
Hexachlorocyclopentadiene
Concen: 103.319 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

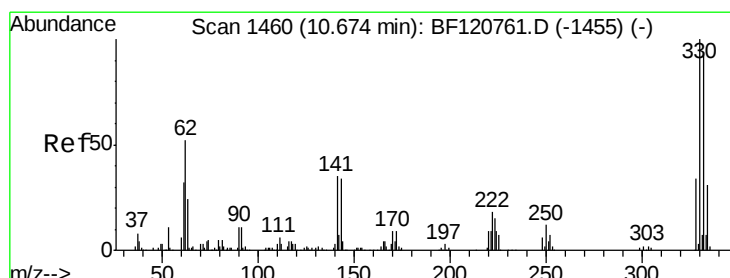
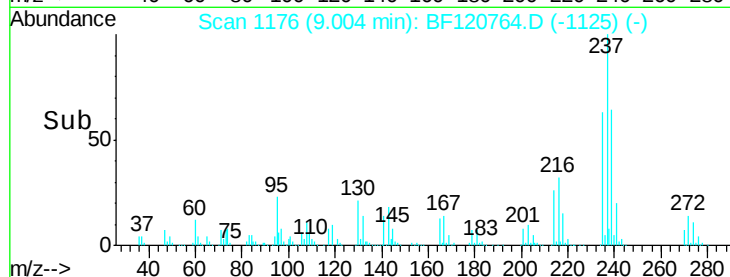
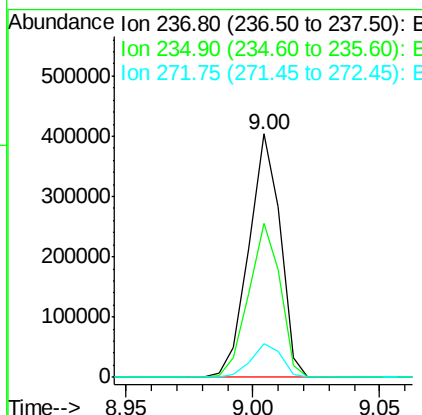
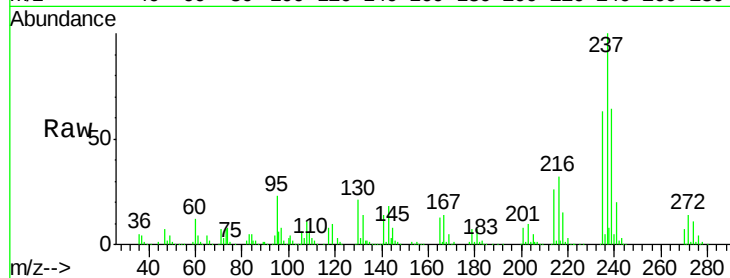
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	237	Resp:	349418
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.1	82.1
272	13.7	0.0	33.4

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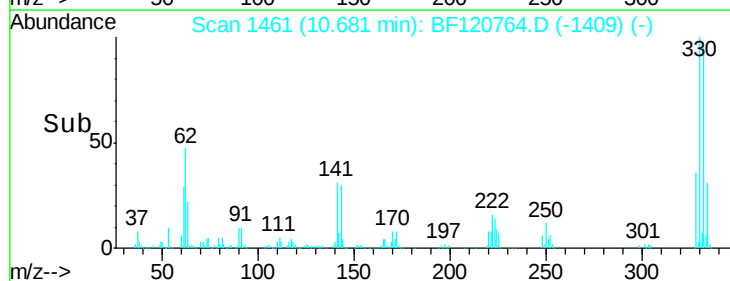
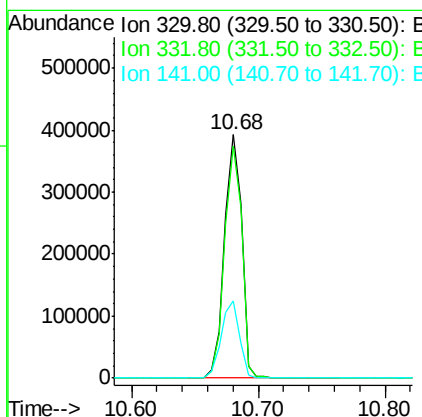
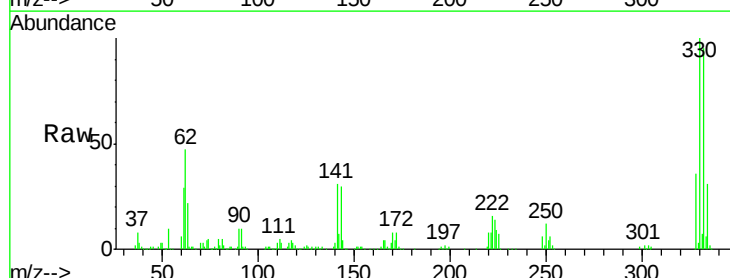
mohammad

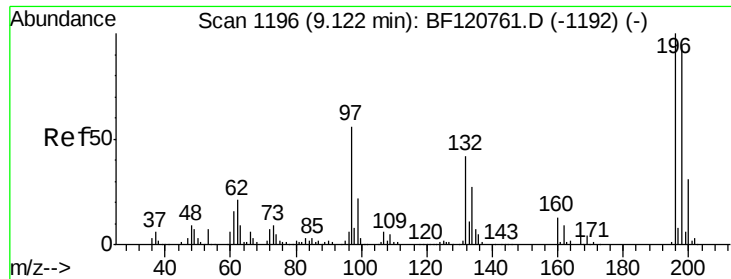
7/7/2020 8:25:31 AM



#42
2,4,6-Tribromophenol
Concen: 129.502 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion:	330	Resp:	372609
Ion Ratio	Lower	Upper	
330	100		
332	95.8	75.8	113.6
141	33.6	29.7	44.5





#43
2,4,6-Trichlorophenol
Concen: 79.376 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

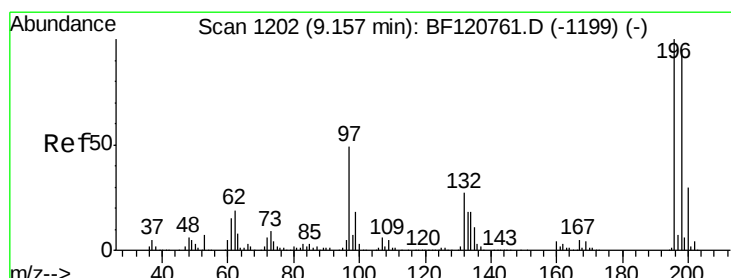
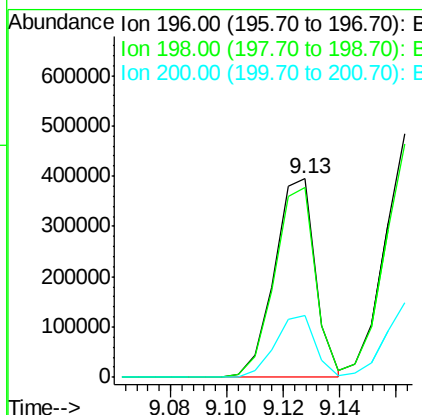
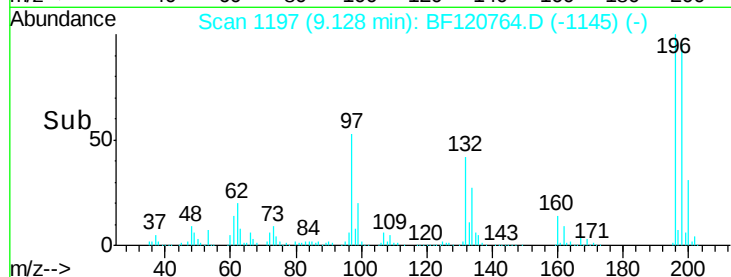
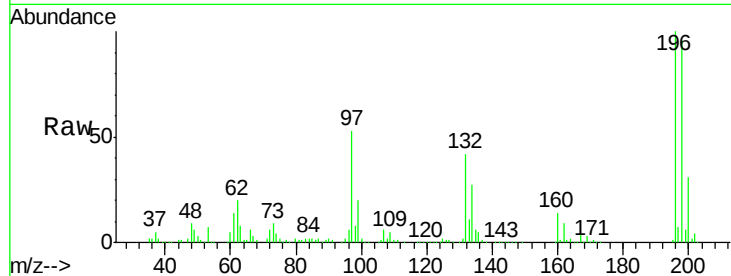
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	196	Resp	396217
Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.3	112.9
200	31.4	24.4	36.6

Manual Integrations
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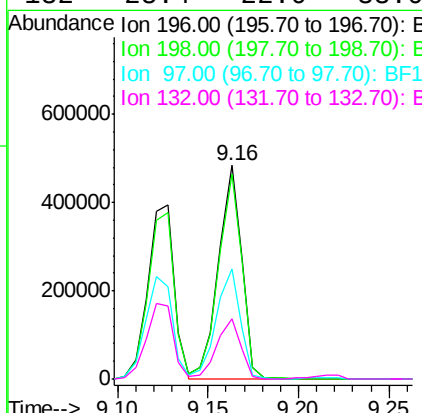
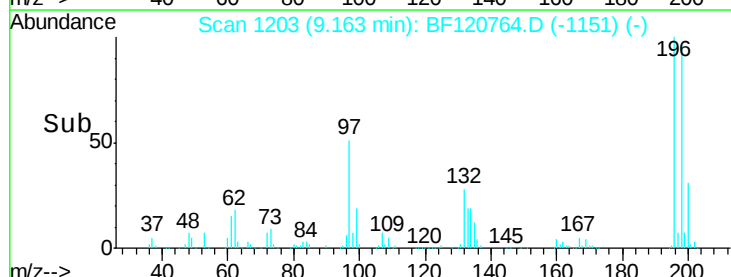
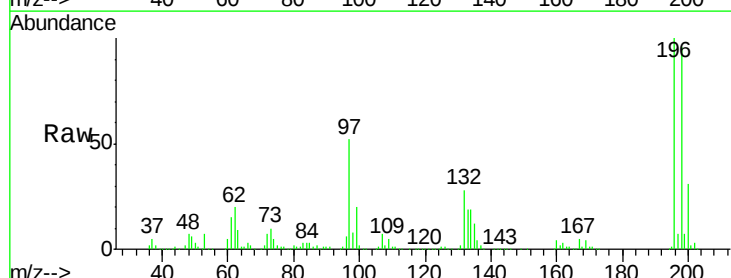
mohammad

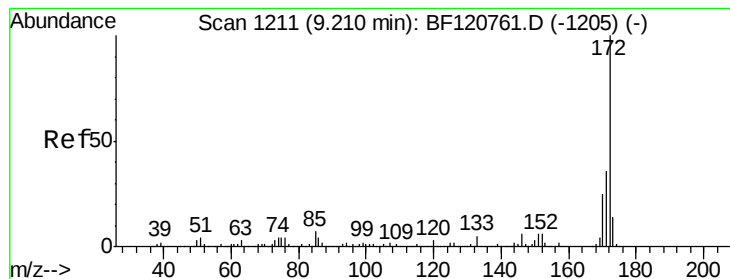
7/7/2020 8:25:31 AM



#44
2,4,5-Trichlorophenol
Concen: 77.119 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	196	Resp	432560
Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.2
97	51.5	39.6	59.4
132	28.4	22.0	33.0





#45

2-Fluorobiphenyl

Concen: 125.059 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:172 Resp: 2056599

Ion Ratio Lower Upper

172 100

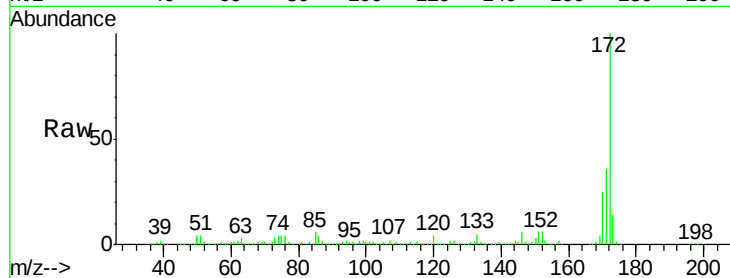
171 36.4 29.1 43.7

170 25.1 19.8 29.6

Manual Integrations
APPROVED

mohammad

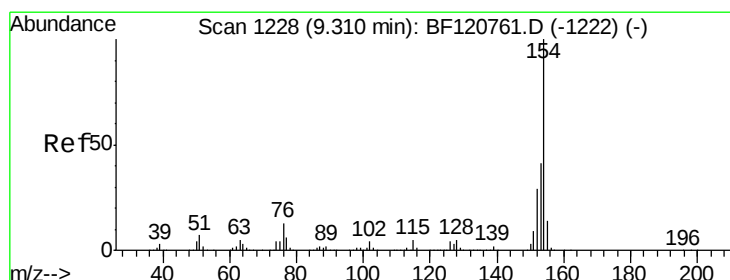
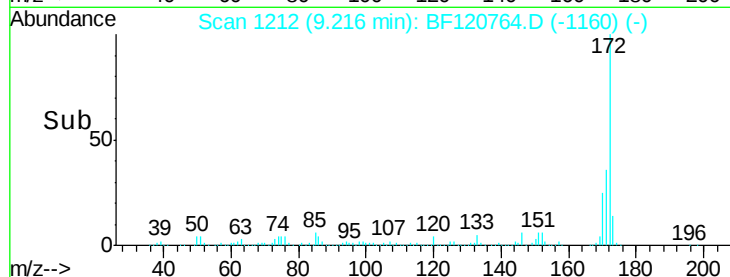
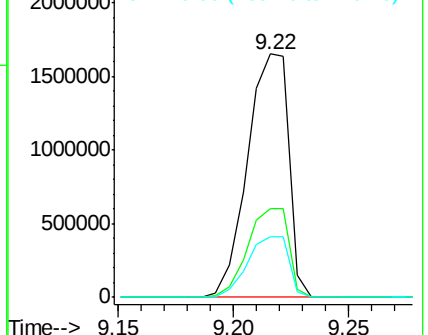
7/7/2020 8:25:31 AM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 73.994 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

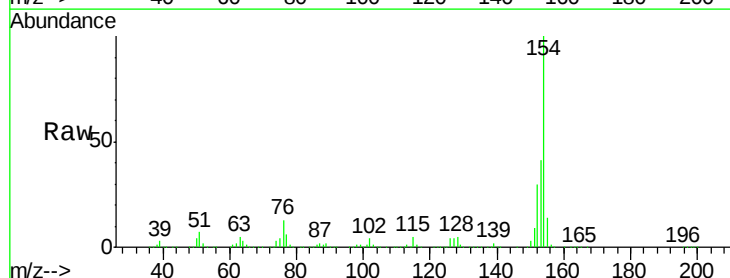
Tgt Ion:154 Resp: 1390112

Ion Ratio Lower Upper

154 100

153 41.3 20.7 60.7

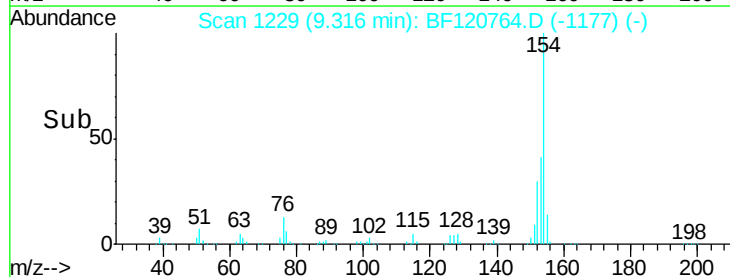
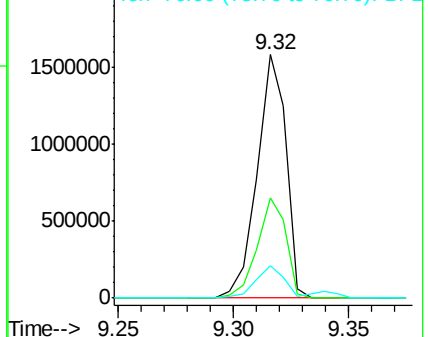
76 13.1 0.0 33.3

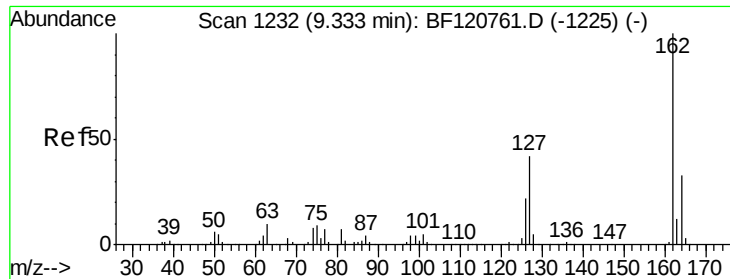


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47
 2-Chloronaphthalene
 Concen: 77.239 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

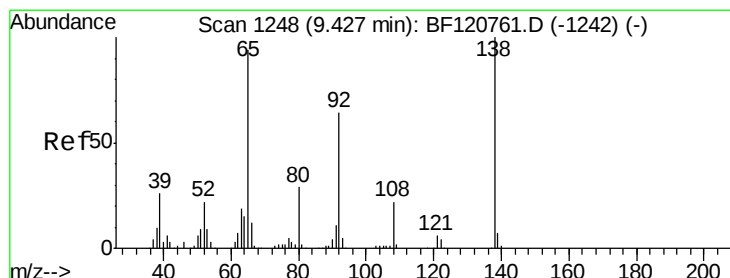
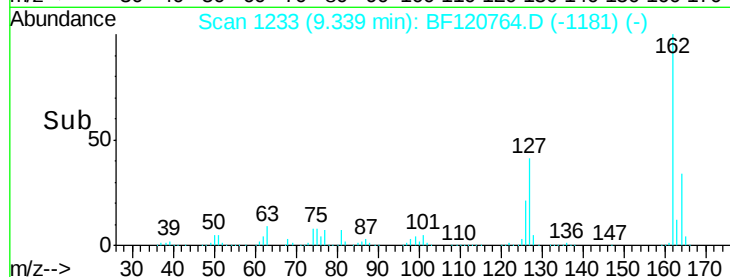
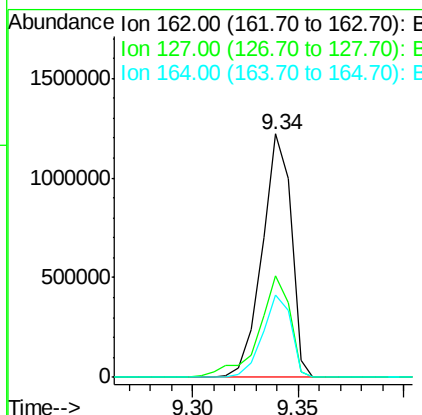
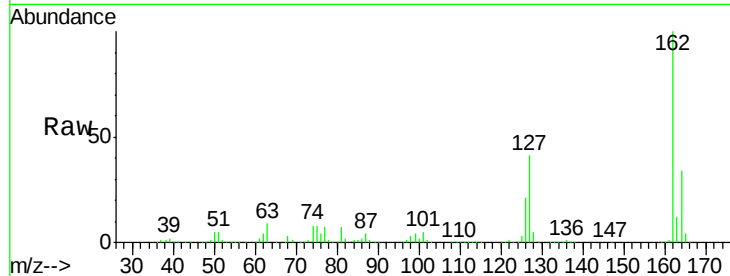
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	41.5	33.7	50.5	
164	33.6	26.4	39.6	

Manual Integrations
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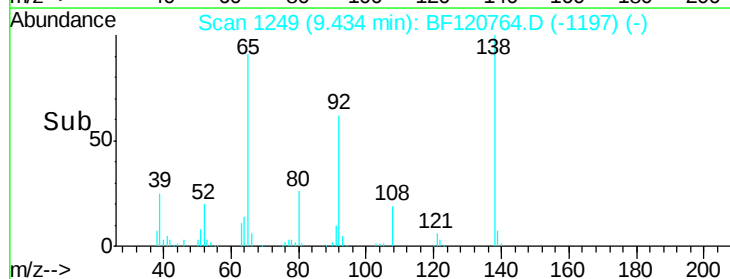
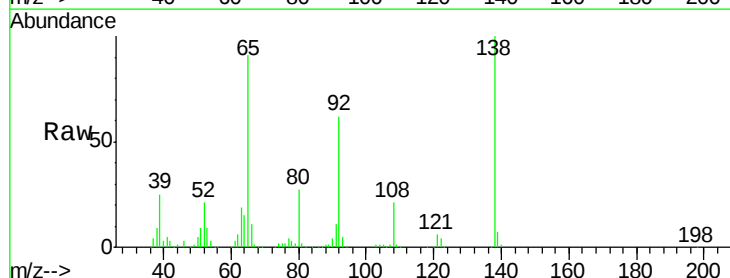
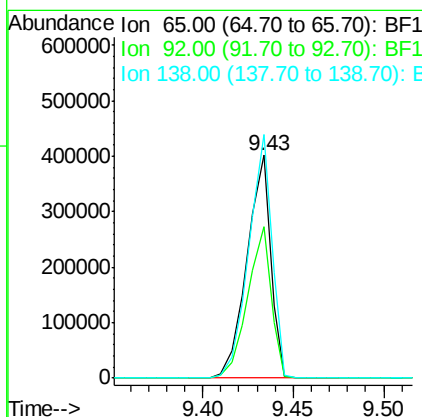
mohammad

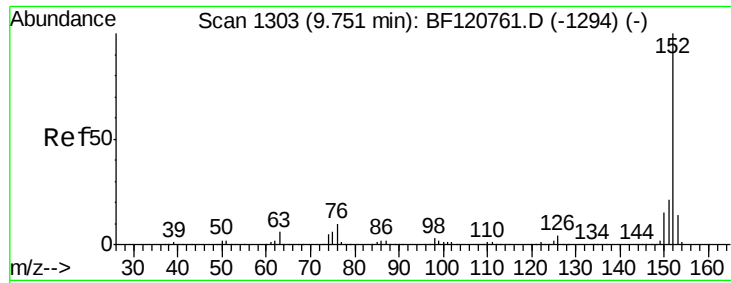
7/7/2020 8:25:31 AM



#48
 2-Nitroaniline
 Concen: 83.069 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	67.9	54.4	81.6	
138	109.3	84.7	127.1	





#49

Acenaphthylene

Concen: 75.569 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

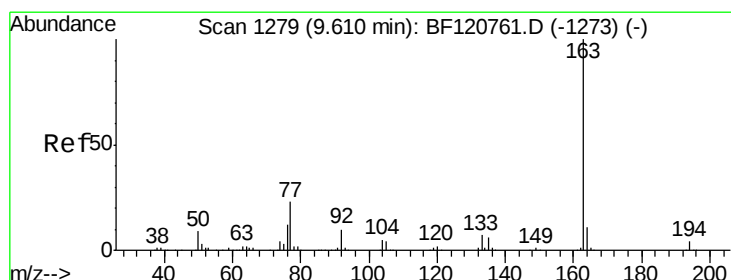
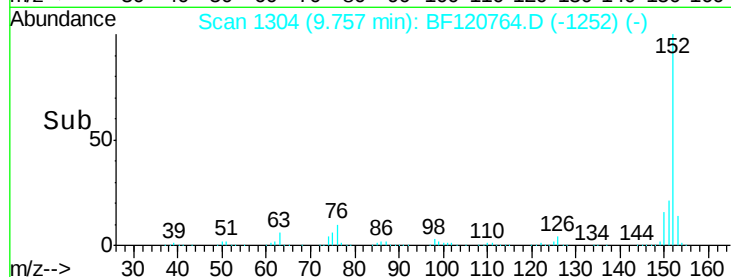
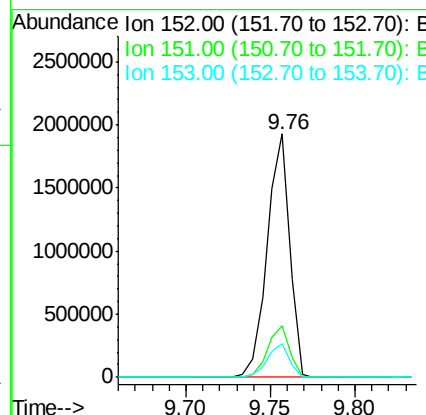
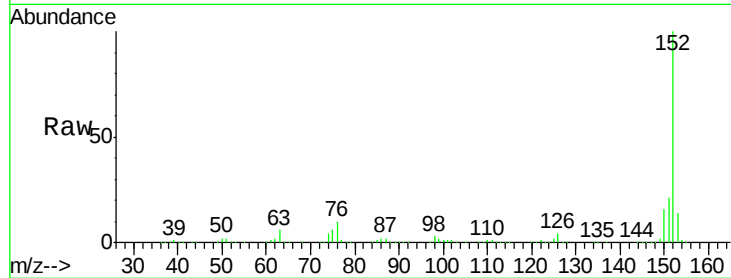
SSTDIC080

Tot Ion:	152	Resp:	1774101
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.9	25.3
153	13.7	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 71.536 ng

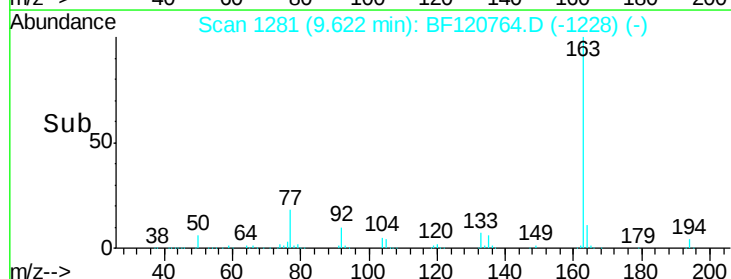
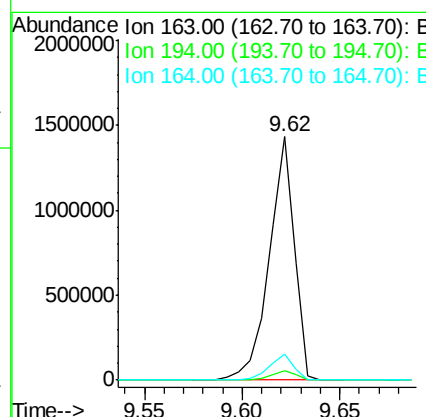
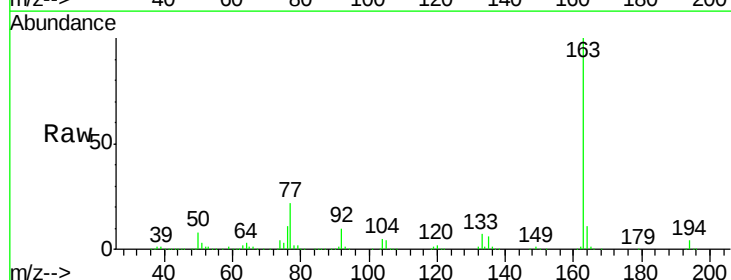
RT: 9.62 min Scan# 1281

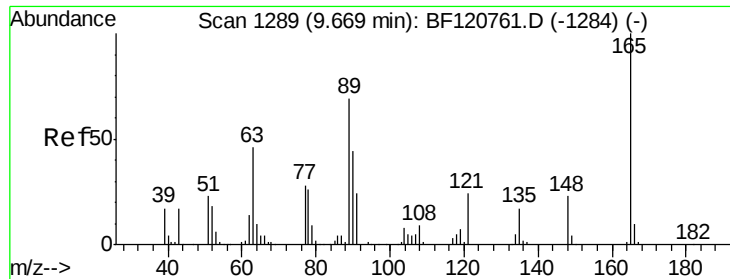
Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Tgt Ion:	163	Resp:	1270983
Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.7	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 70.520 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

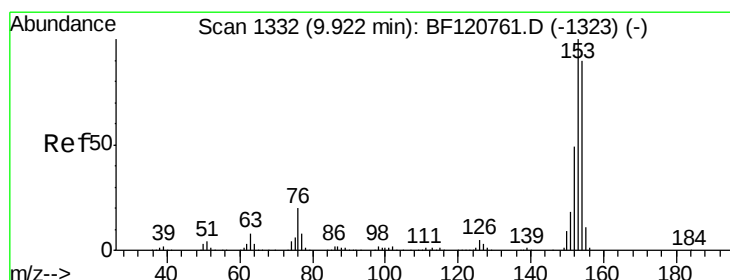
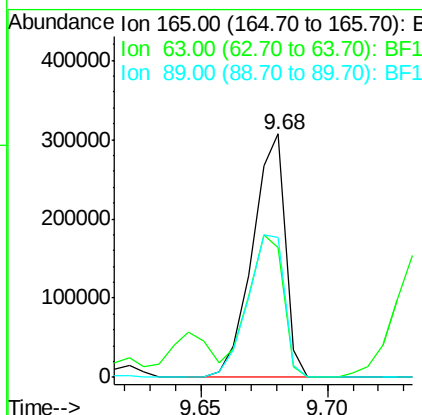
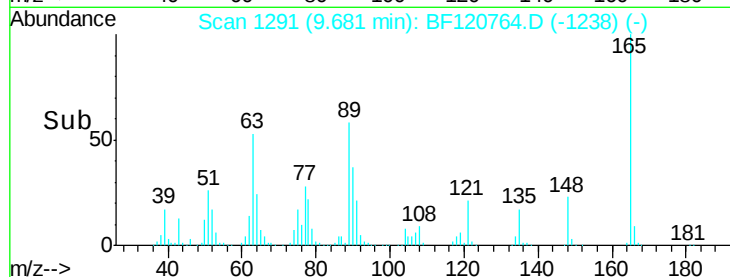
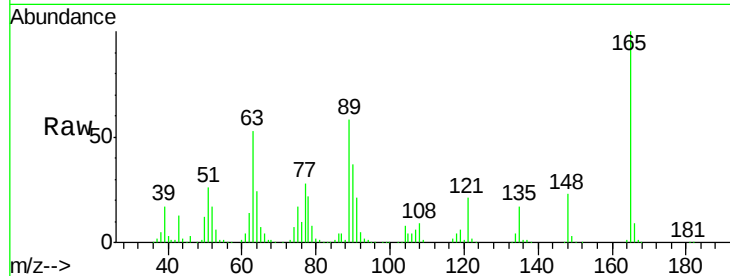
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		277006		
63	53.1	54.0		81.0#	
89	57.7	55.4		83.2	

Manual Integrations
APPROVED

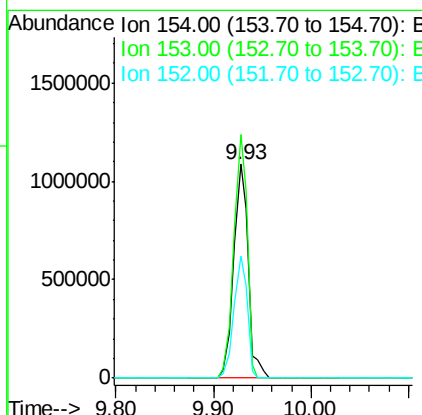
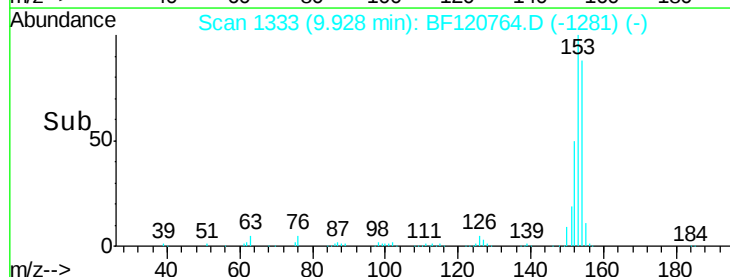
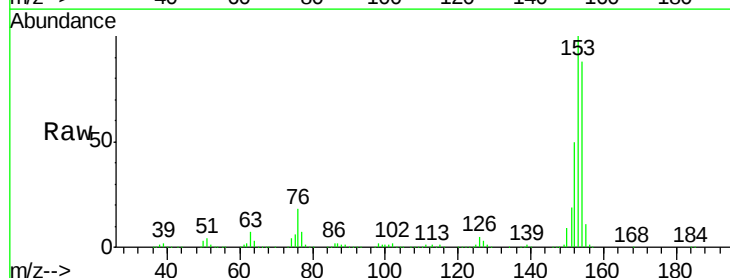
mohammad

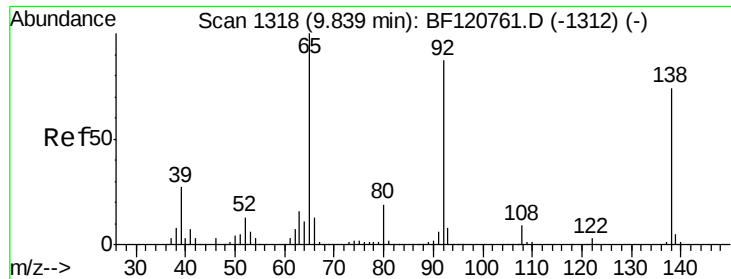
7/7/2020 8:25:31 AM



#52
Acenaphthene
Concen: 83.235 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		1118383		
153	114.0	88.6		132.8	
152	57.2	43.6		65.4	





#53
3-Nitroaniline
Concen: 73.464 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

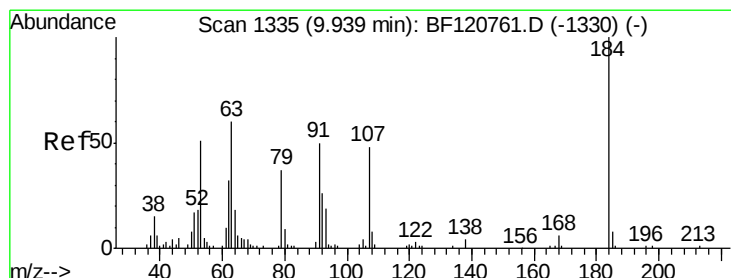
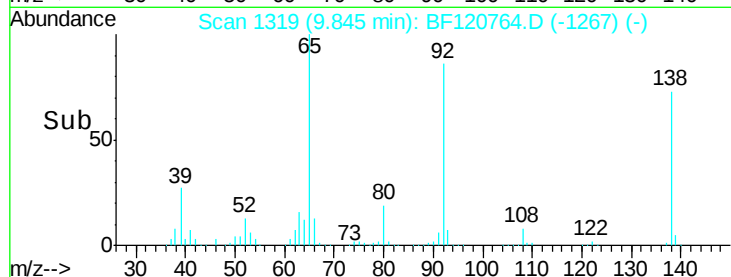
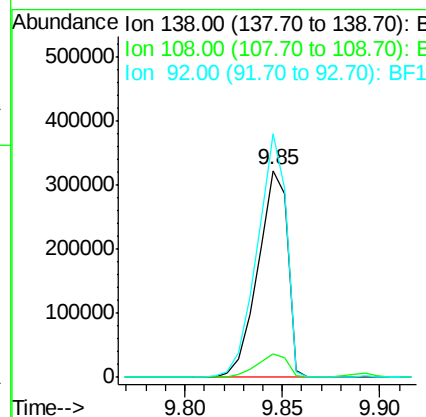
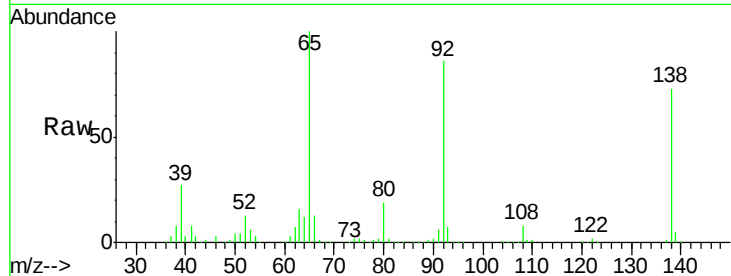
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.8	14.6
92	117.6	93.4	140.2

Manual Integrations
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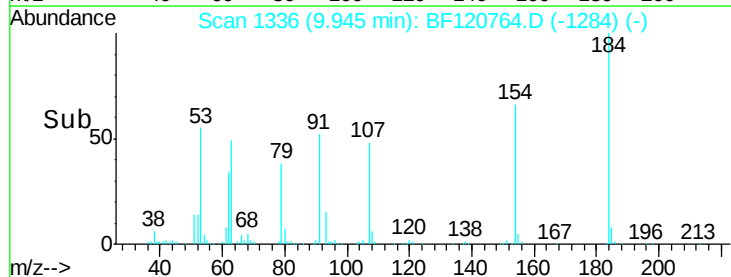
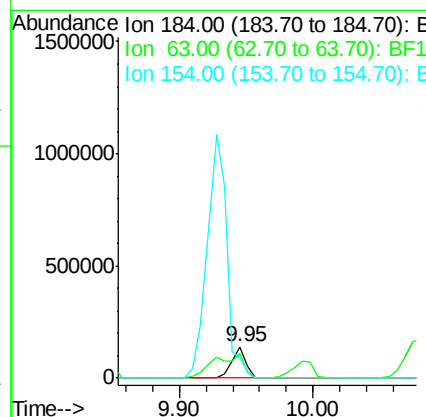
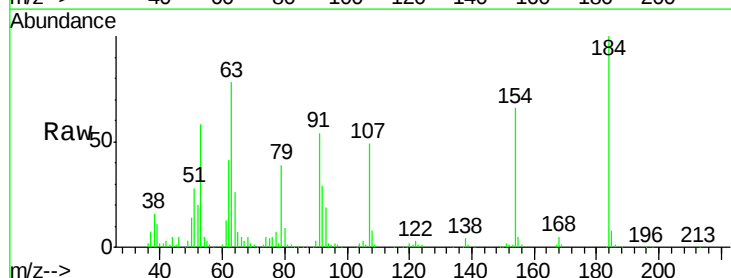
mohammad

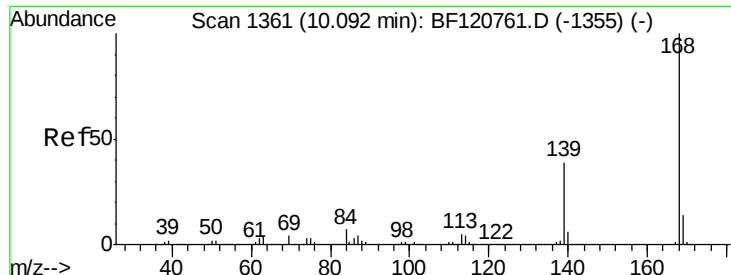
7/7/2020 8:25:31 AM



#54
2,4-Dinitrophenol
Concen: 70.161 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.7	57.3	85.9
154	65.7	55.8	83.6





#55
Dibenzofuran
Concen: 76.488 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

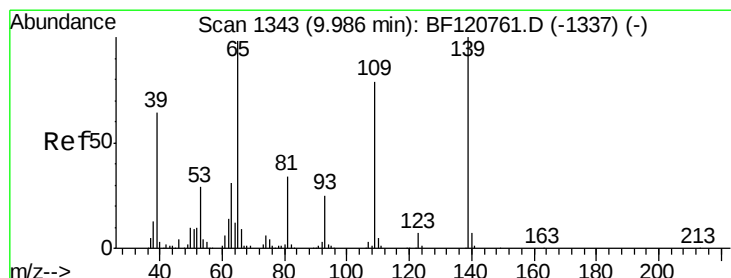
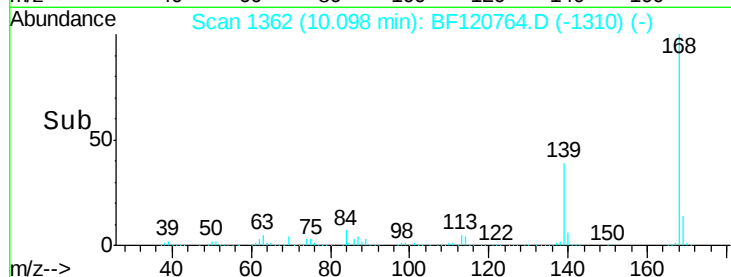
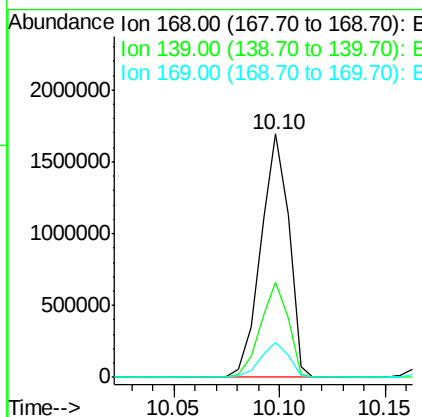
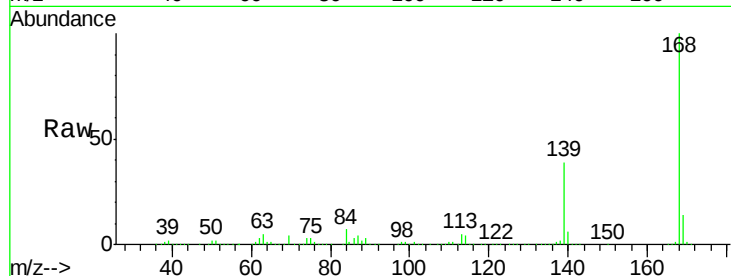
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:168 Resp: 1566629
Ion Ratio Lower Upper
168 100
139 39.2 31.3 46.9
169 14.2 11.2 16.8

Manual Integrations
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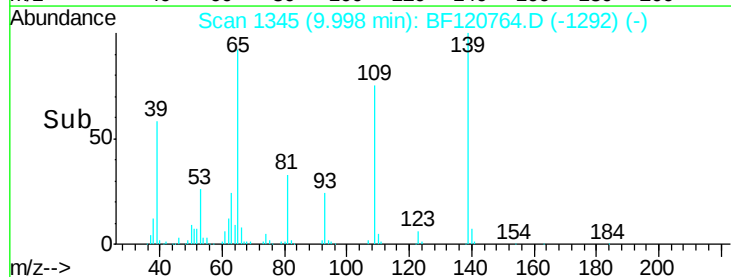
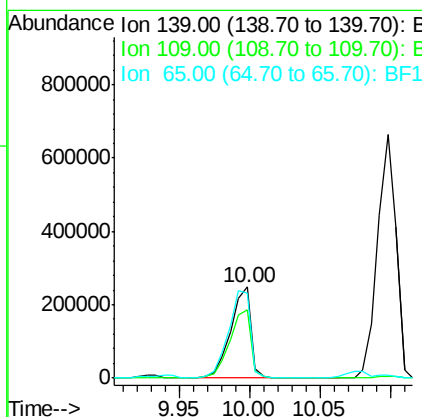
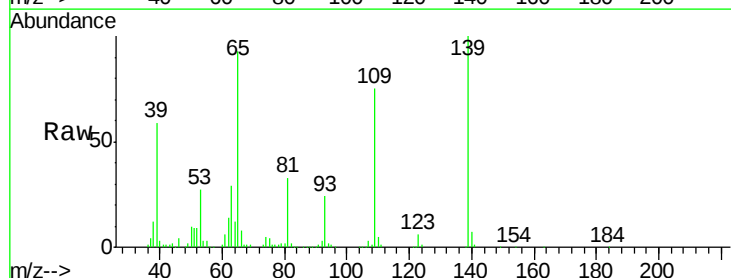
mohammad

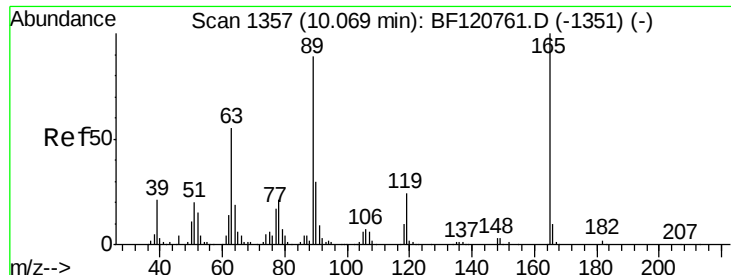
7/7/2020 8:25:31 AM



#56
4-Nitrophenol
Concen: 87.075 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion:139 Resp: 248076
Ion Ratio Lower Upper
139 100
109 75.1 58.6 98.6
65 93.0 78.7 118.7





#57
2,4-Dinitrotoluene
Concen: 72.094 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

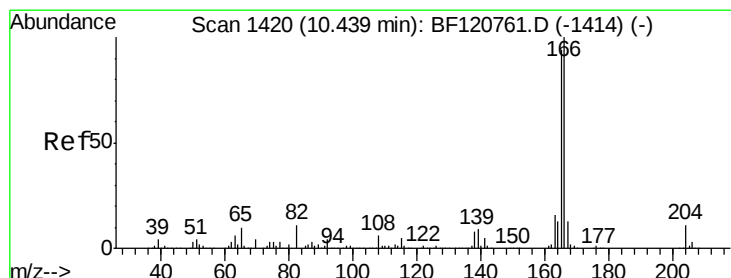
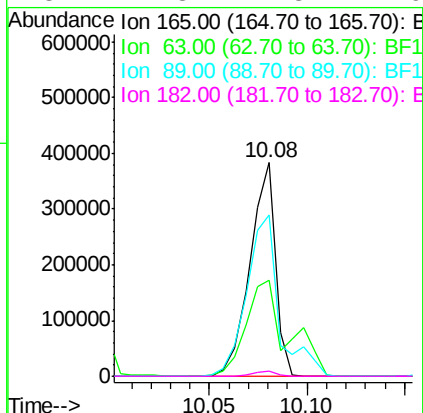
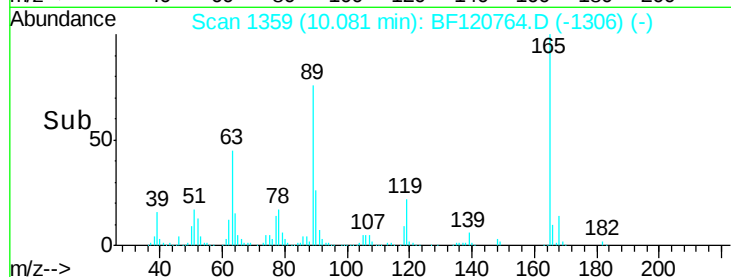
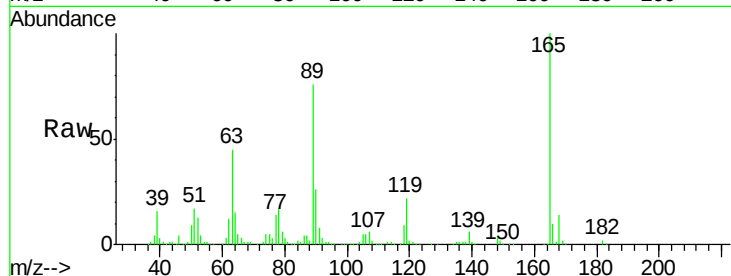
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	43.8	65.8
89	75.6	71.4	107.2
182	2.3	1.8	2.6

Manual Integrations
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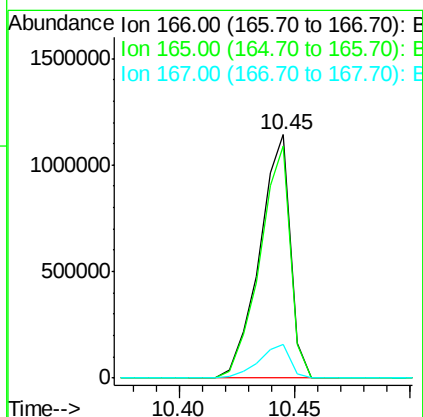
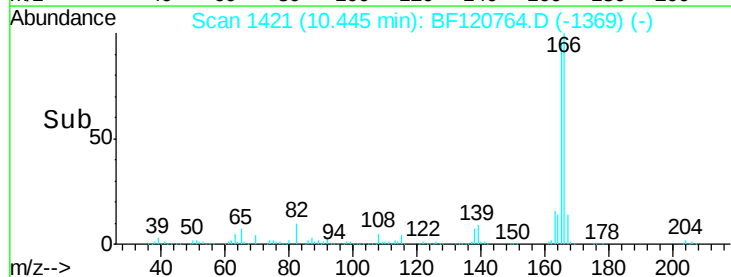
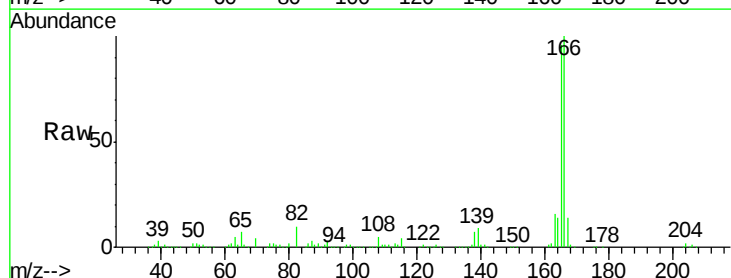
mohammad

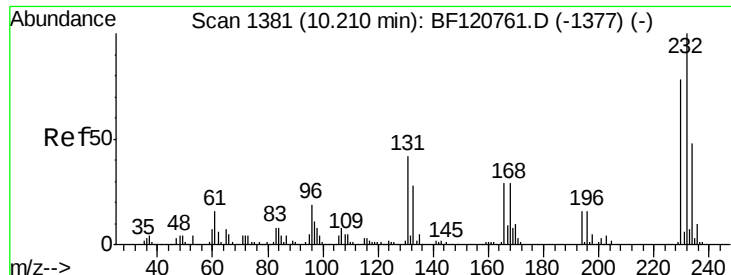
7/7/2020 8:25:31 AM



#58
Fluorene
Concen: 66.496 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.6	75.5	113.3
167	13.6	10.6	16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 75.723 ng/ml
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

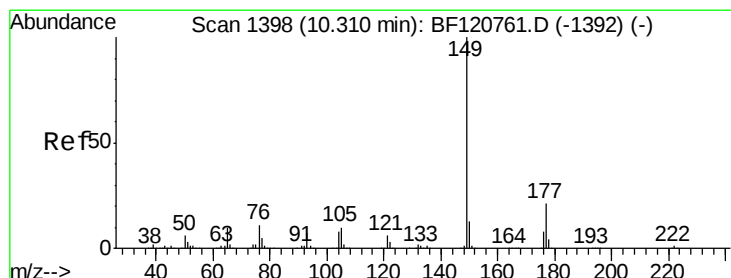
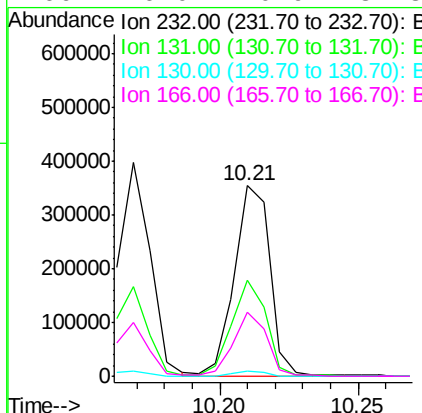
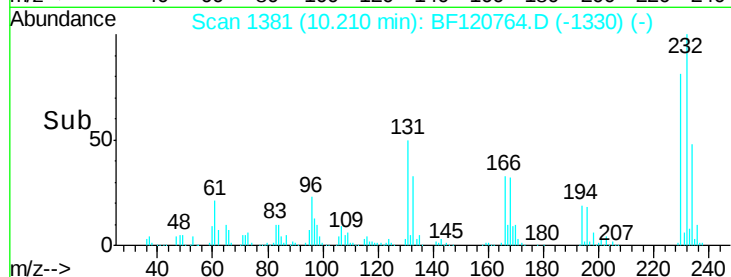
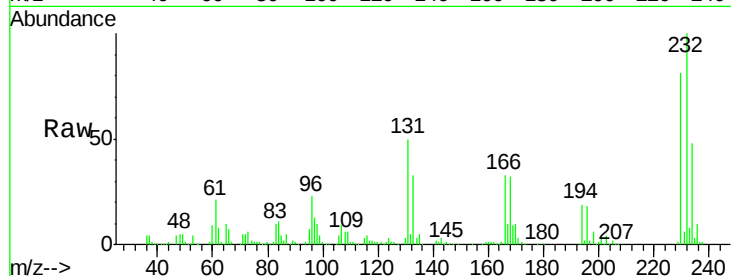
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		320843		
131	44.0	36.3	54.5		
130	2.6	2.0	3.0		
166	26.0	20.9	31.3		

Manual Integrations
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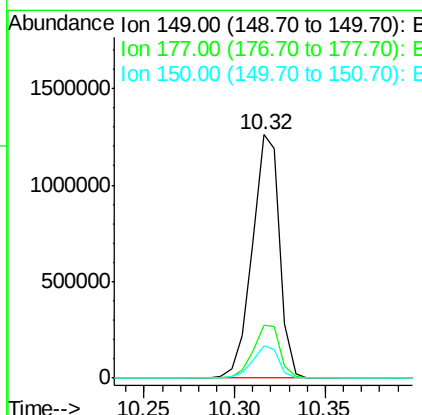
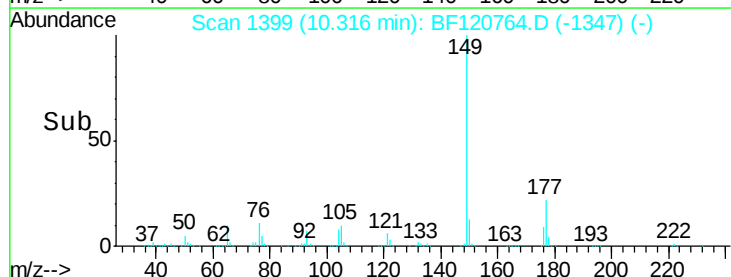
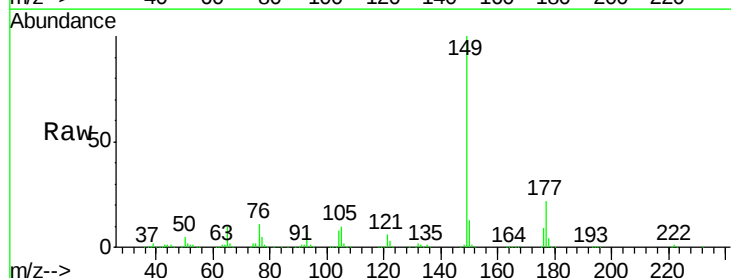
mohammad

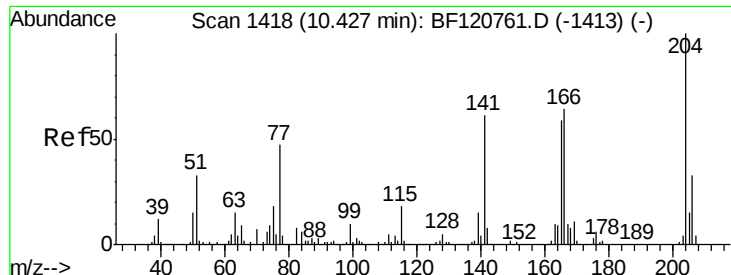
7/7/2020 8:25:31 AM



#60
Diethylphthalate
Concen: 75.170 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1312740		
177	21.6	16.4	24.6		
150	13.1	10.2	15.4		





#61
4-Chlorophenyl-phenylether
Concen: 64.731 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

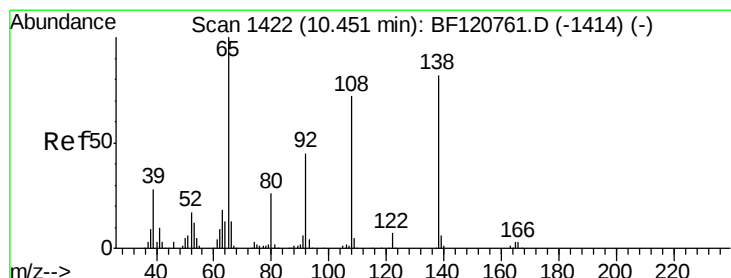
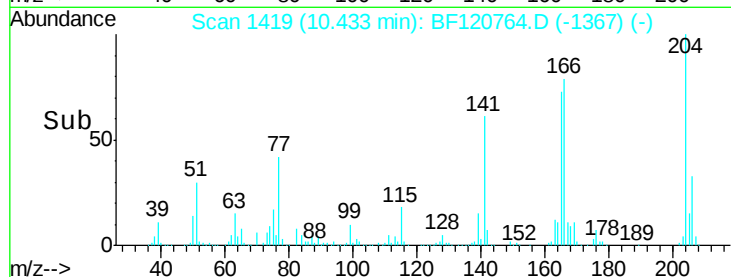
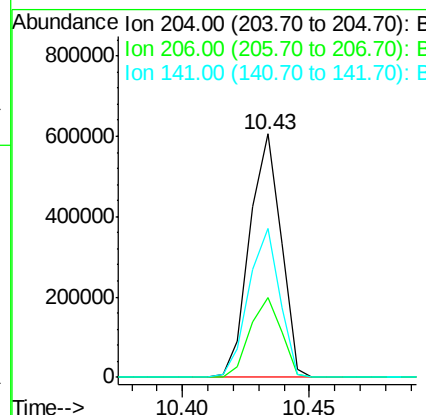
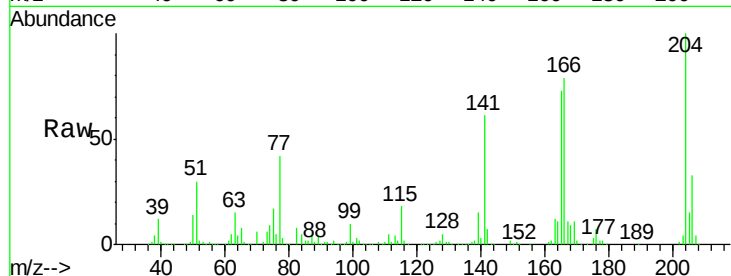
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.7	40.1
141	61.4	48.5	72.7

Manual Integrations
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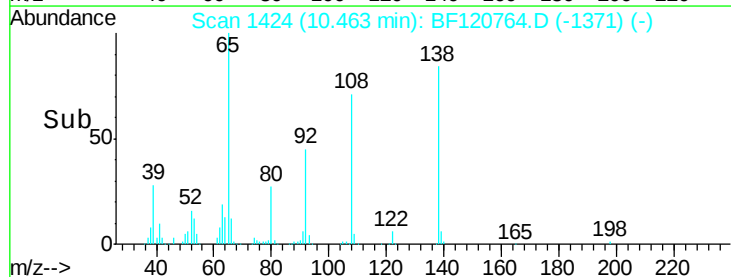
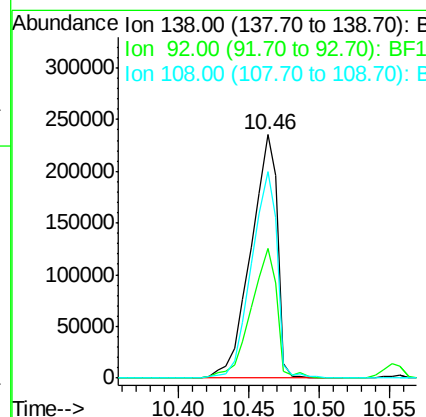
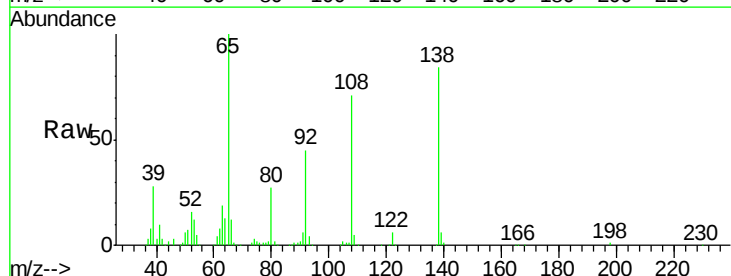
mohammad

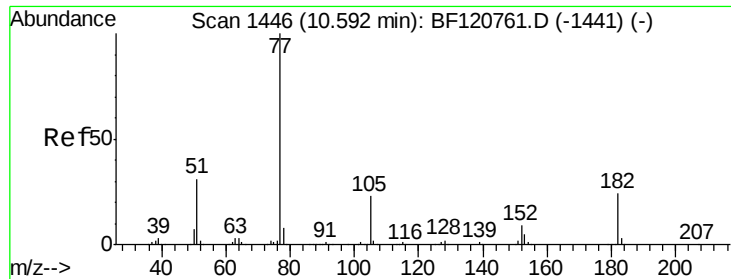
7/7/2020 8:25:31 AM



#62
4-Nitroaniline
Concen: 67.568 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	34.3	74.3
108	84.9	68.3	108.3





#63
Azobenzene
Concen: 81.829 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

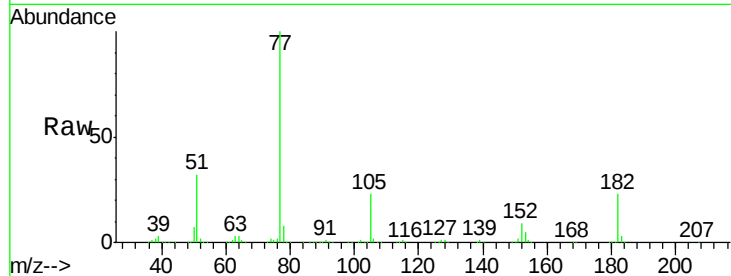
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.0	44.0
105	22.7	2.6	42.6
51	32.1	11.5	51.5

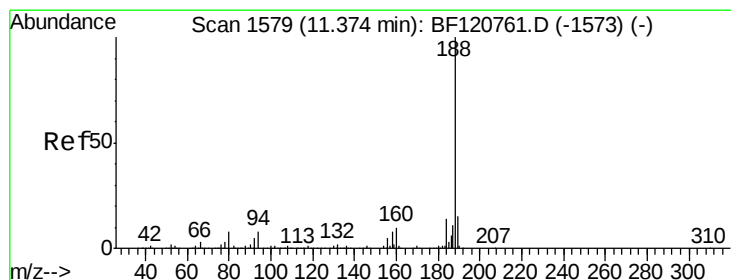
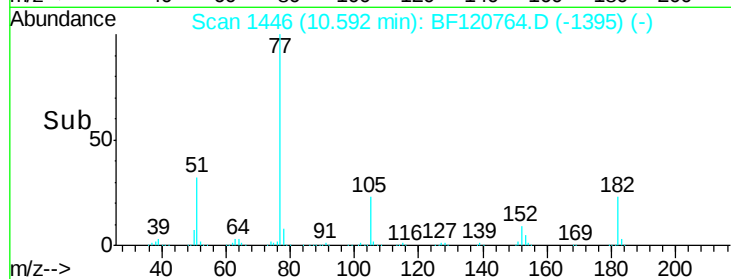
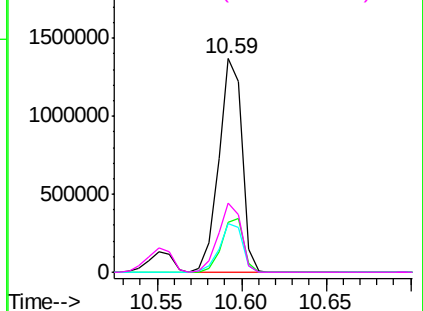
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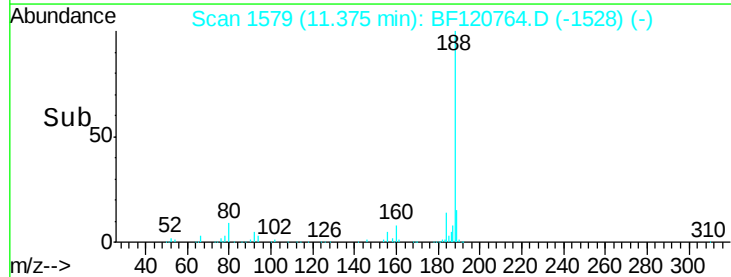
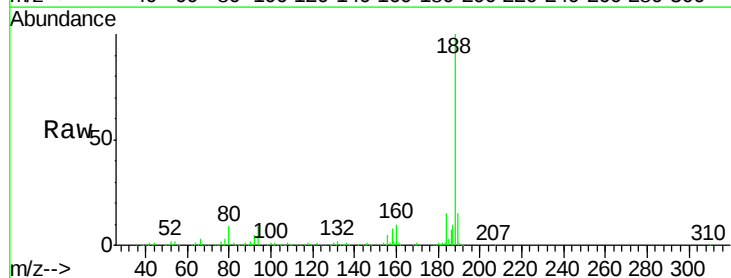
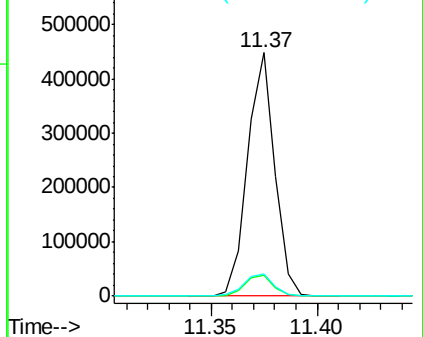
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

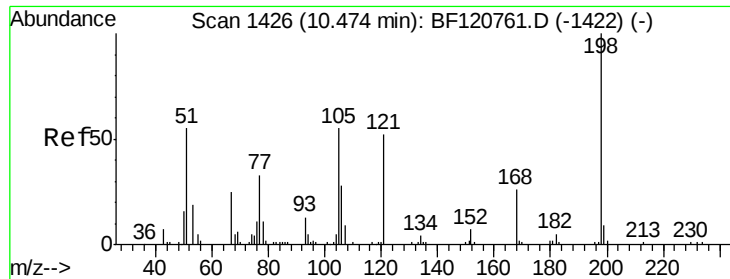


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	9.8
80	9.3	6.6	10.0

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65
 4,6-Dinitro-2-methylphenol
 Concen: 68.419 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

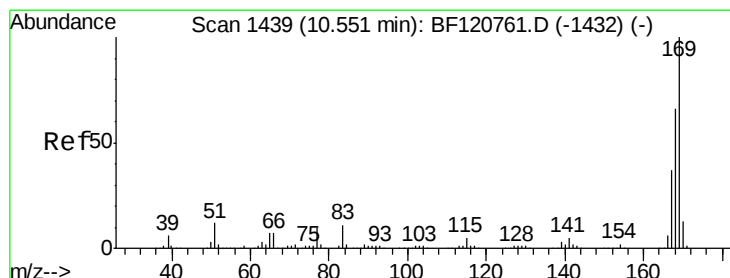
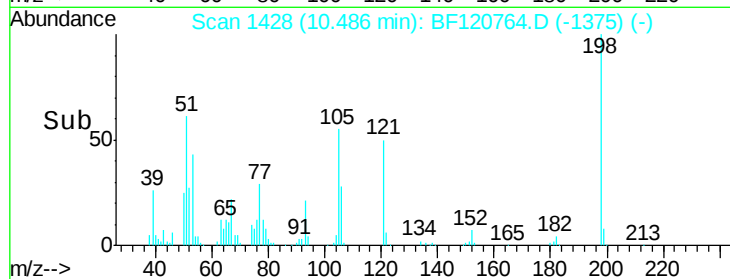
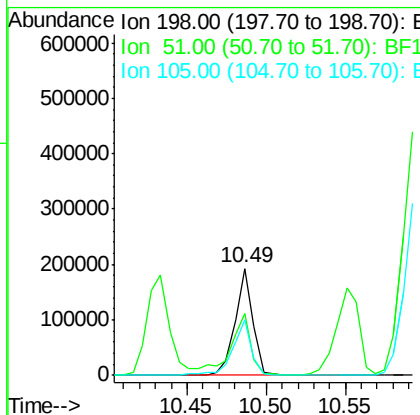
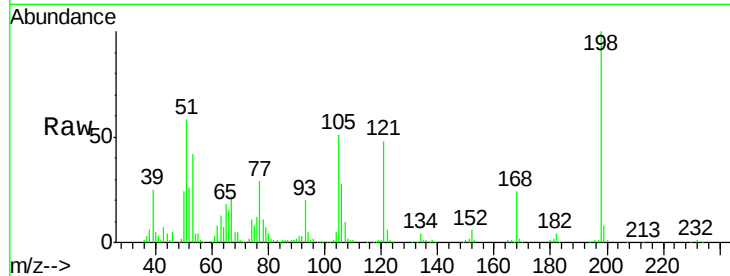
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
198	100	150833		
51	57.9	50.0	90.0	
105	51.4	38.3	78.3	

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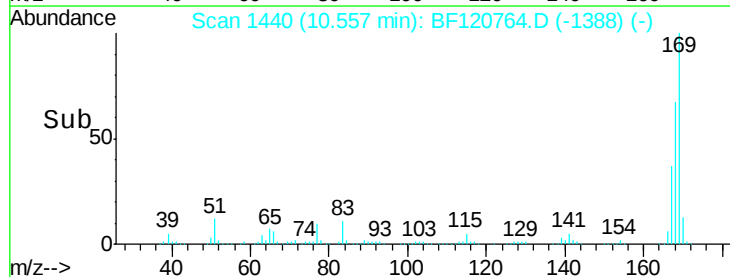
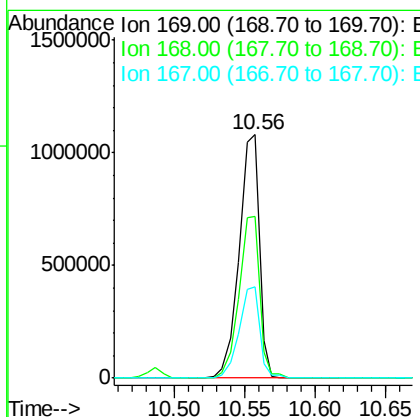
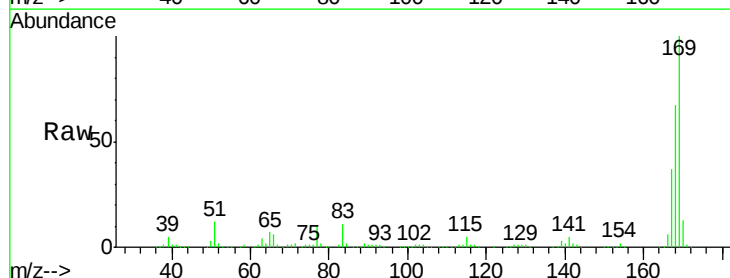
mohammad

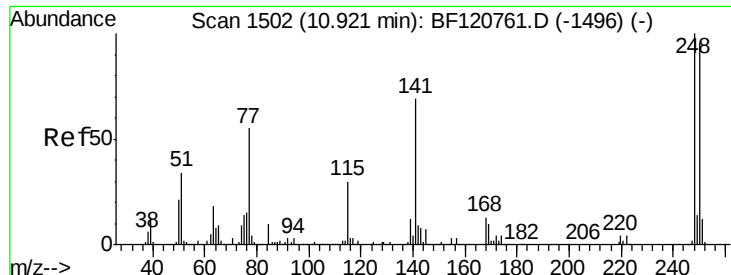
7/7/2020 8:25:31 AM



#66
 n-Nitrosodiphenylamine
 Concen: 81.758 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1074056		
168	66.6	53.1	79.7	
167	37.4	29.6	44.4	





#67
4-Bromophenyl-phenylether
Concen: 79.009 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

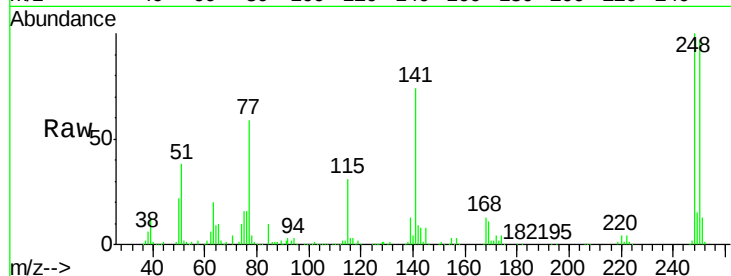
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.5	114.7
141	74.3	54.9	82.3

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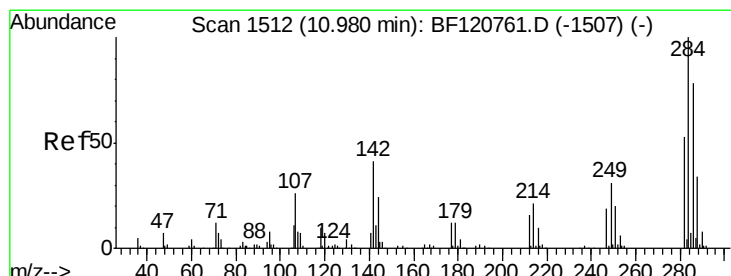
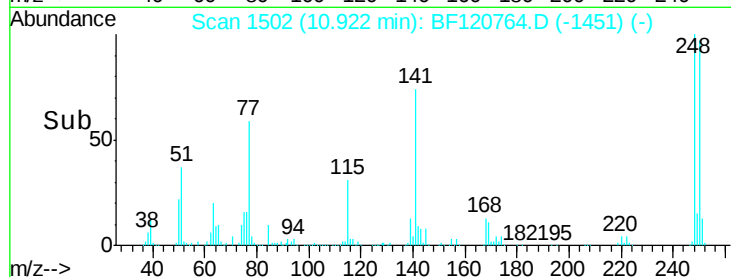
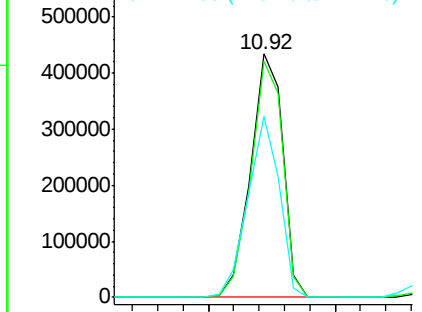


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 76.855 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

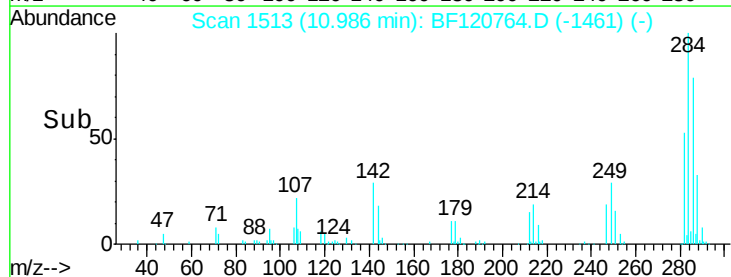
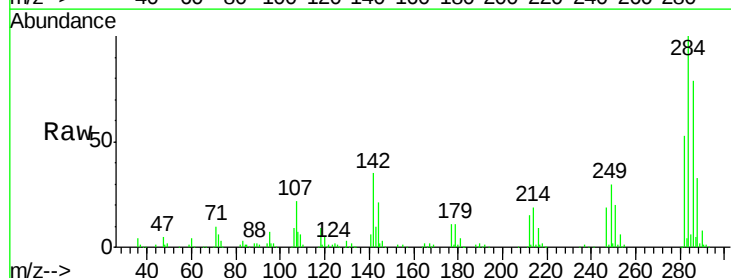
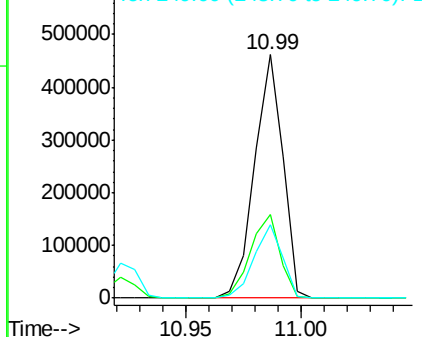
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	32.5	48.7
249	30.3	24.8	37.2

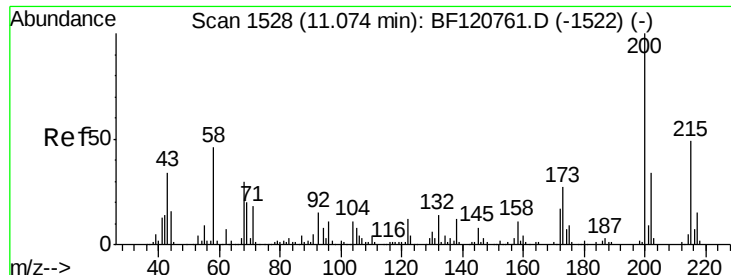
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69
Atrazine
Concen: 69.159 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

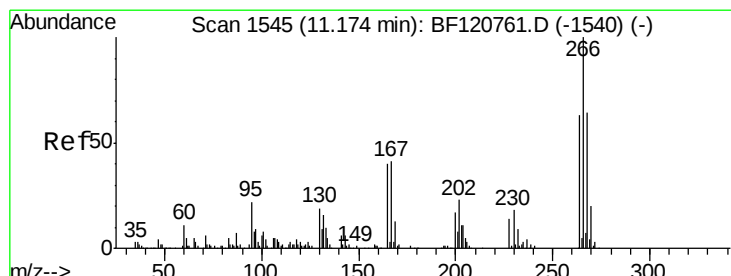
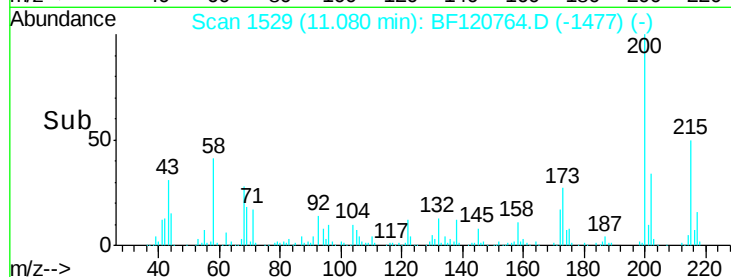
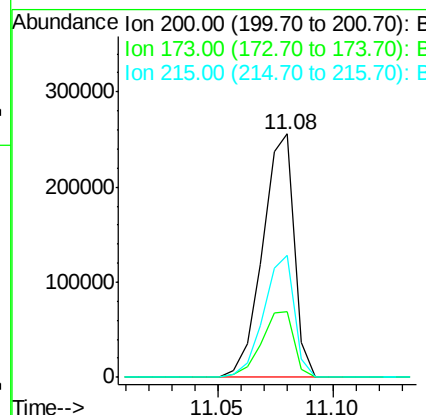
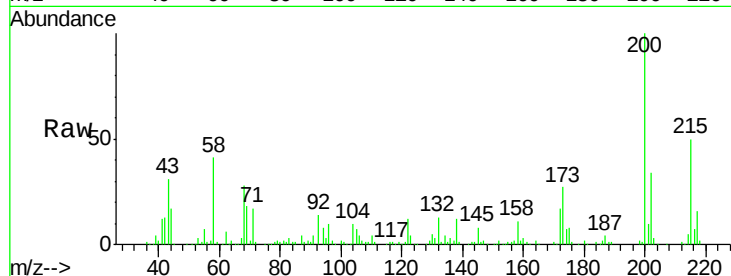
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.4	47.4
215	50.2	28.8	68.8

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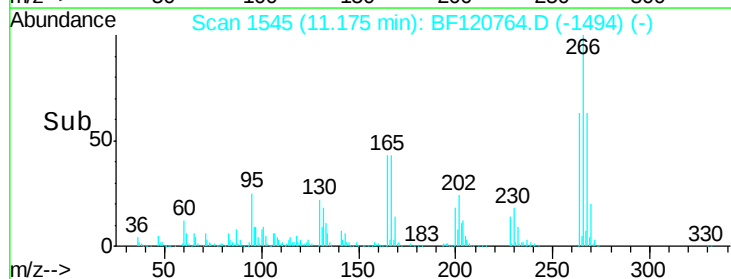
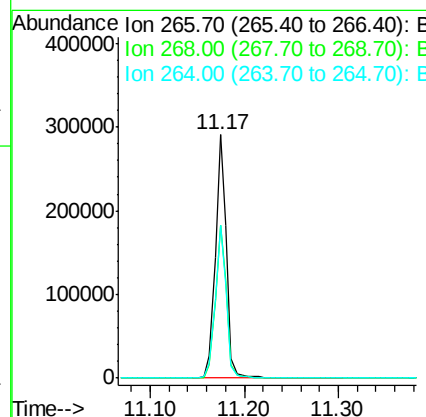
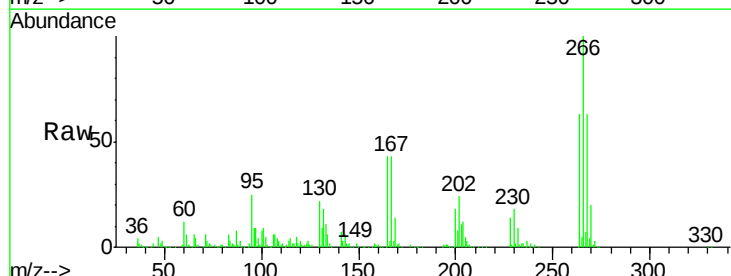
mohammad

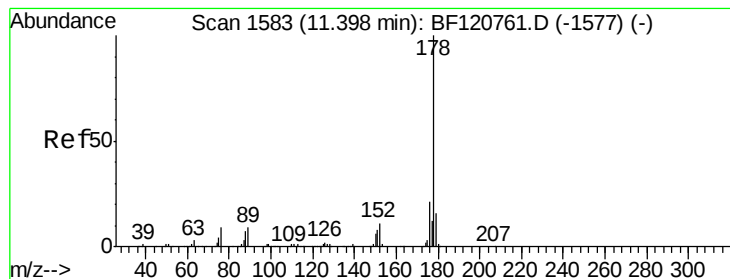
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#70
Pentachlorophenol
Concen: 141.244 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.4	77.2
264	62.8	50.6	75.8





#71

Phenanthrene

Concen: 78.692 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:178 Resp: 1634762

Ion Ratio Lower Upper

178 100

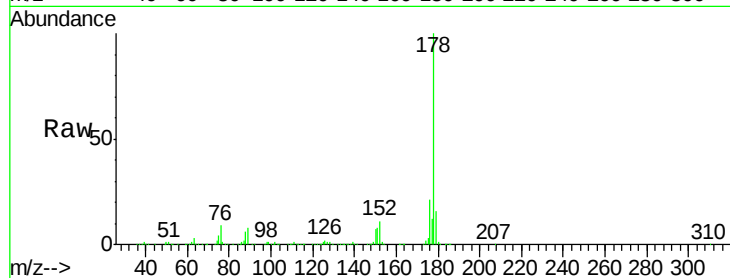
176 21.1 16.4 24.6

179 16.2 12.9 19.3

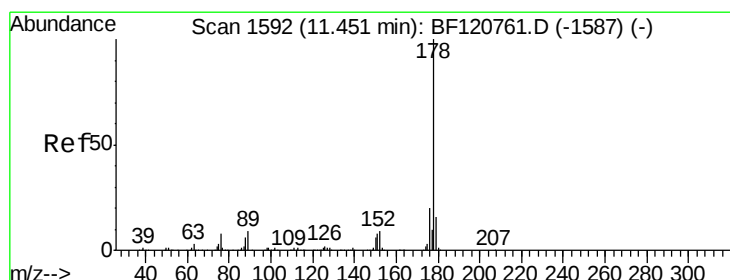
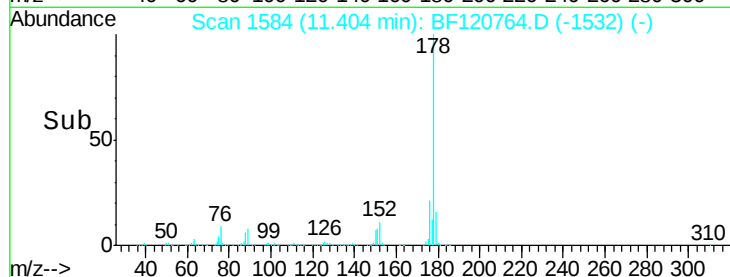
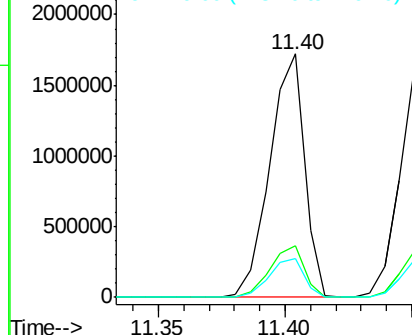
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 79.367 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Tgt Ion:178 Resp: 1653566

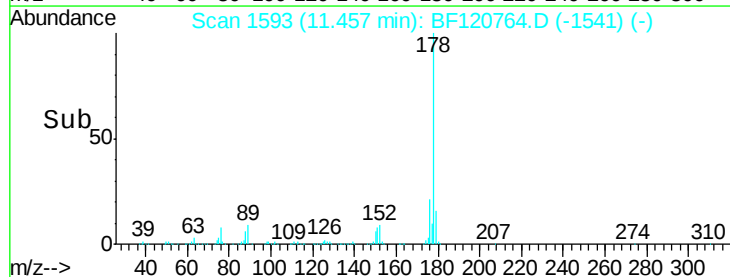
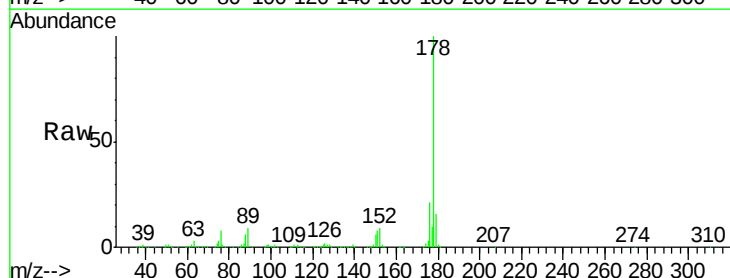
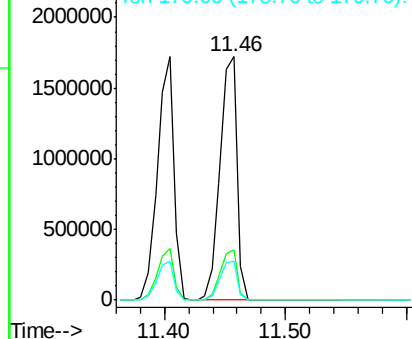
Ion Ratio Lower Upper

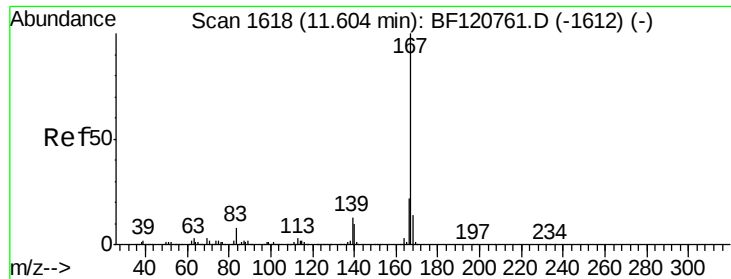
178 100

176 20.7 16.2 24.2

179 16.0 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 81.368 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

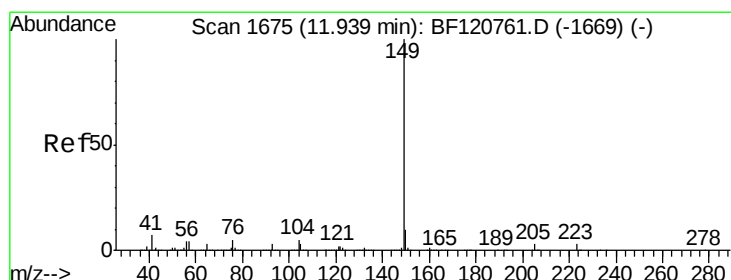
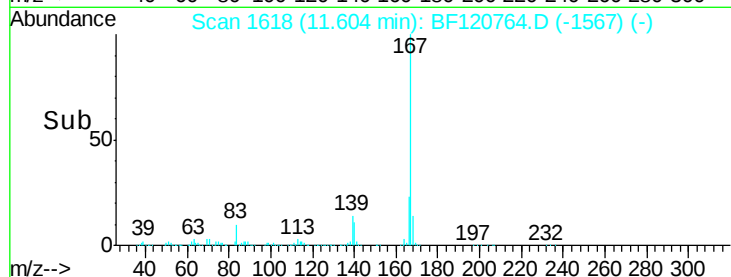
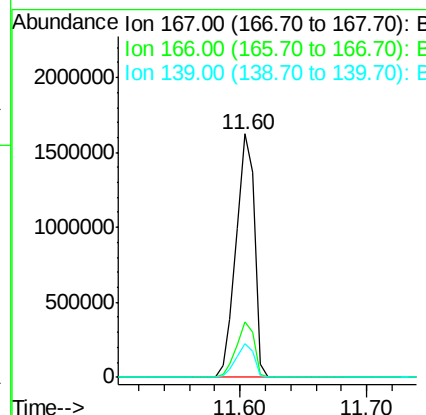
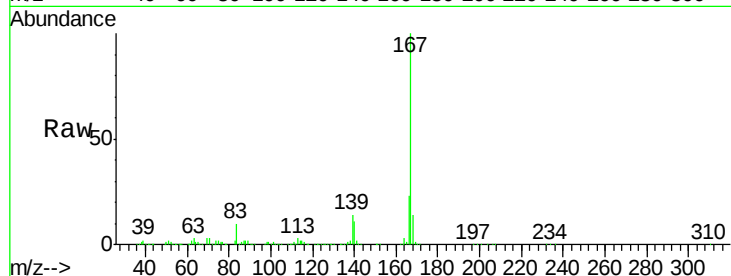
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.8
139	13.7	10.7	16.1

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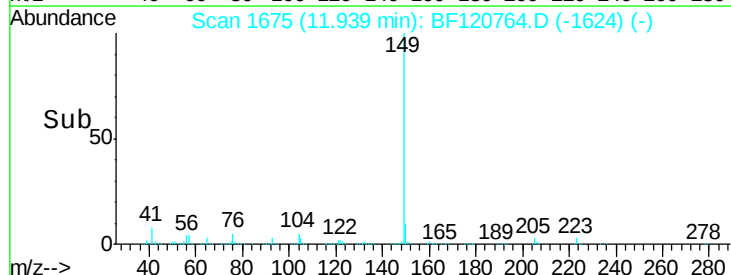
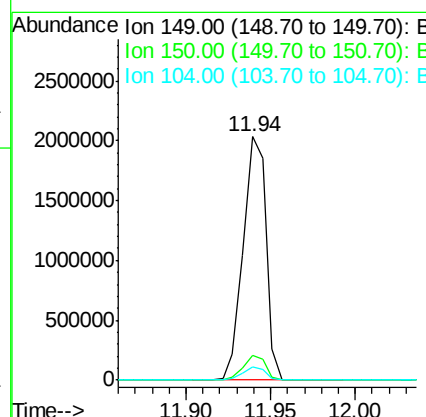
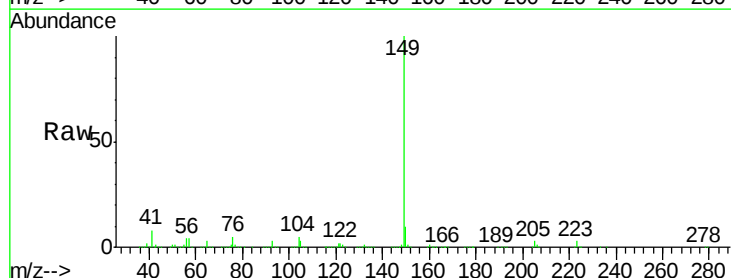
mohammad

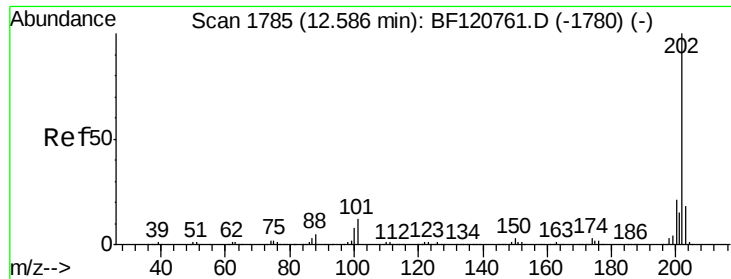
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#74
 Di-n-butylphthalate
 Concen: 80.109 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	5.4	4.0	6.0





#75
 Fluoranthene
 Concen: 74.296 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

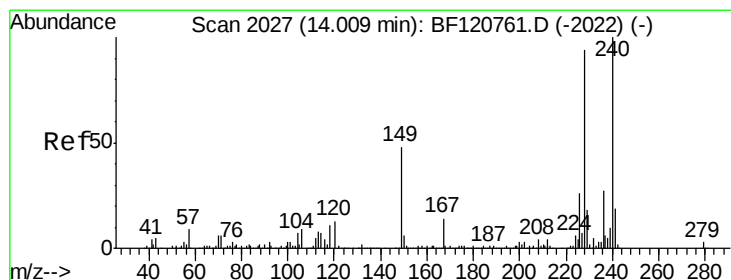
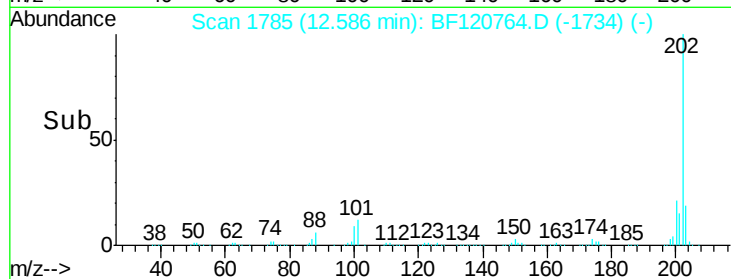
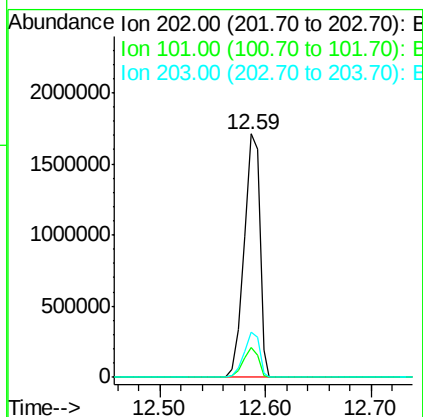
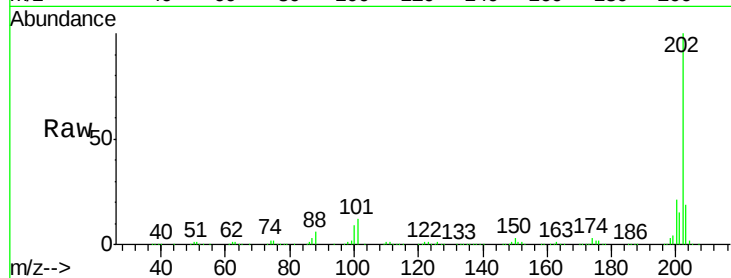
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.6
203	18.6	0.0	38.2

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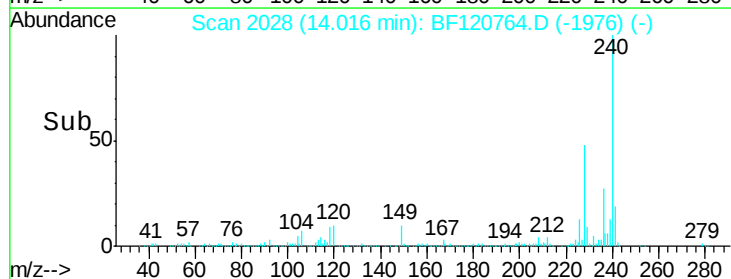
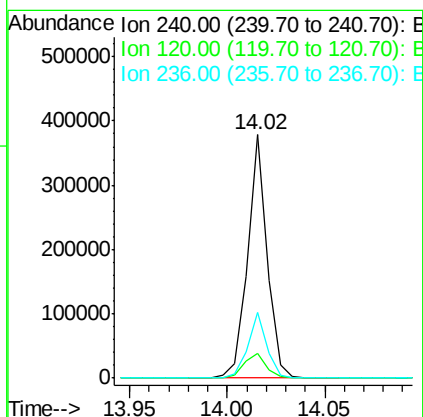
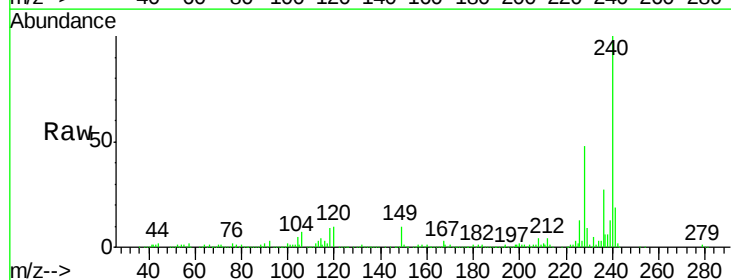
mohammad

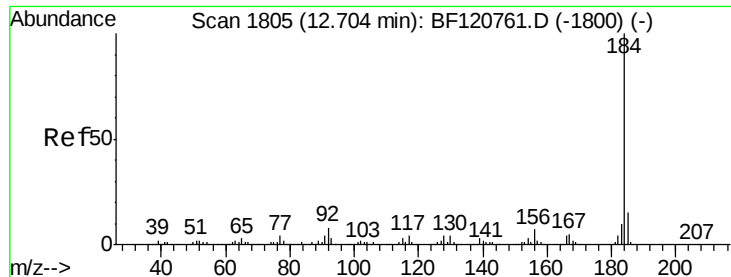
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.3	15.5
236	26.8	21.4	32.2





#77

Benzidine

Concen: 67.508 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

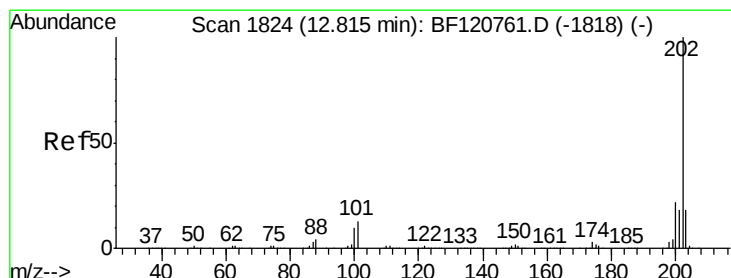
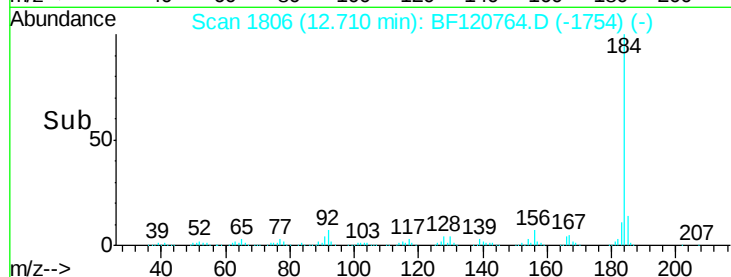
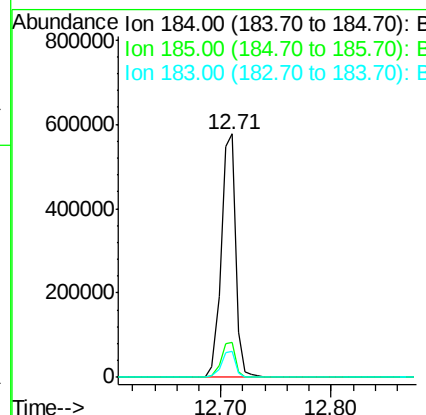
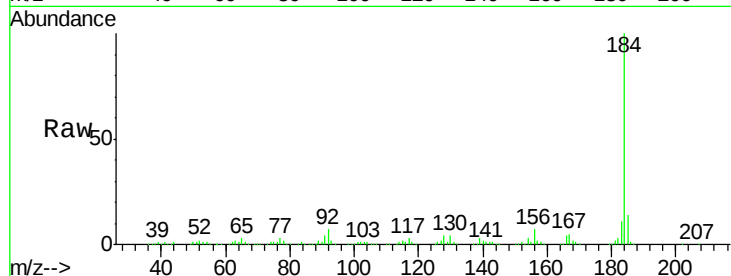
SSTDIC080

Tot Ion:	184	Resp:	524563
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.8	17.8
183	10.9	8.3	12.5

Manual Integrations
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#78

Pyrene

Concen: 82.356 ng

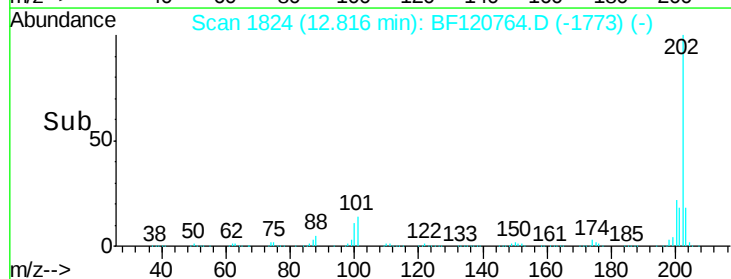
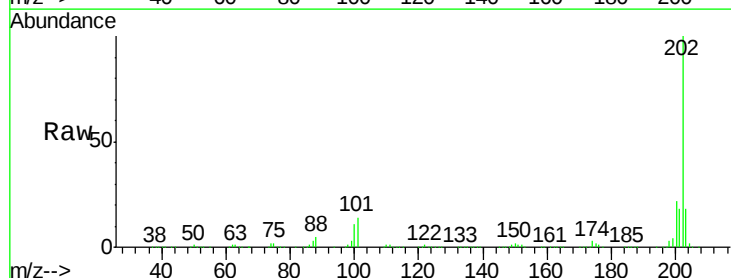
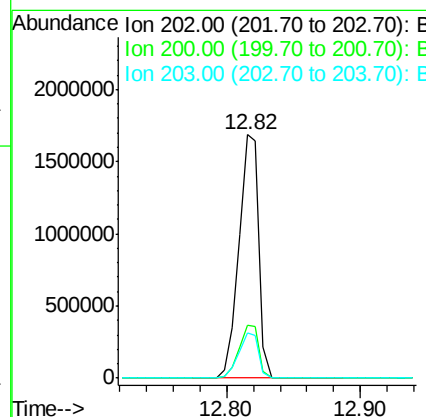
RT: 12.82 min Scan# 1824

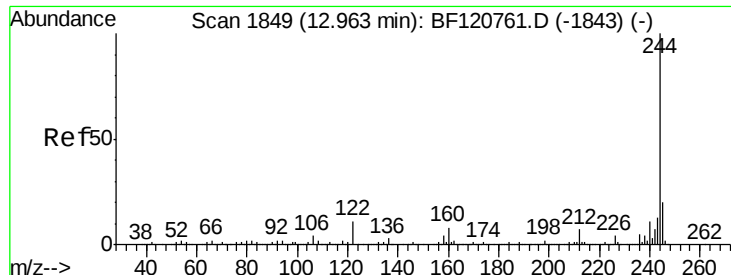
Delta R.T. 0.00 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Tgt Ion:	202	Resp:	1752751
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.3	25.9
203	18.4	14.6	22.0





#79
 Terphenyl-d14
 Concen: 140.112 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

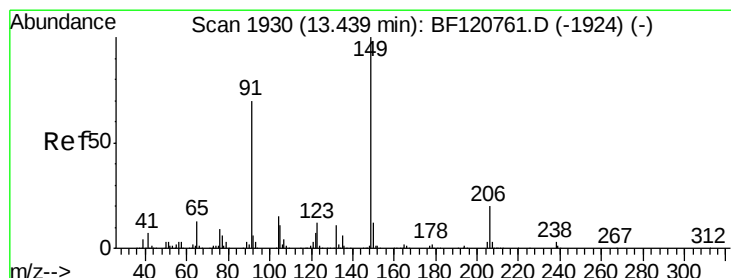
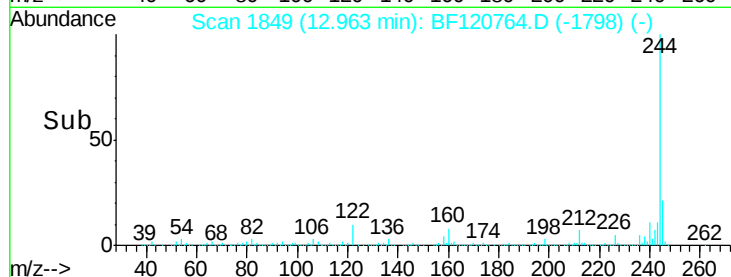
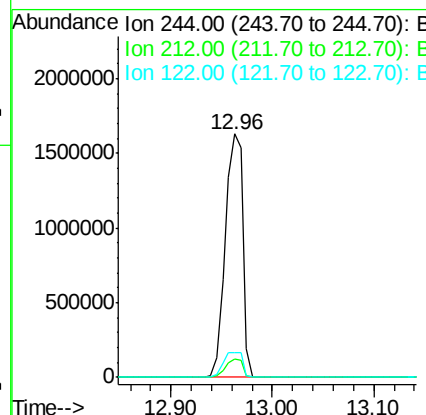
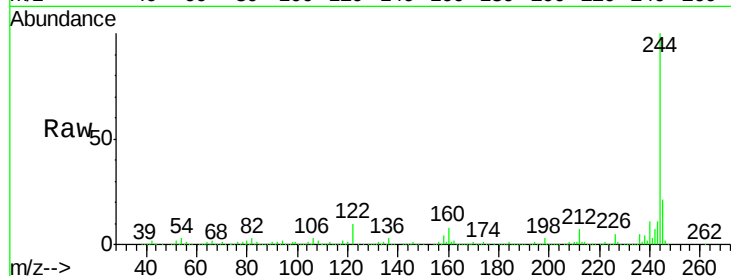
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.6	8.4
122	10.3	9.0	13.4

Manual Integrations
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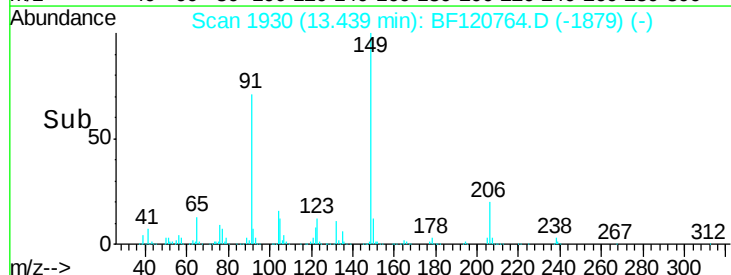
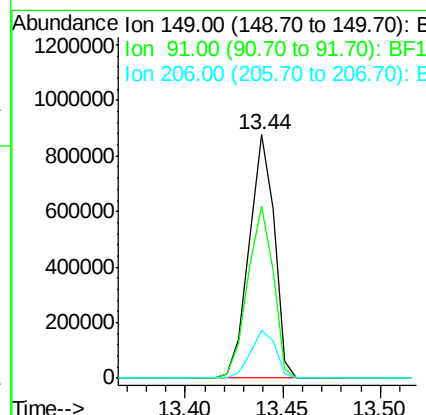
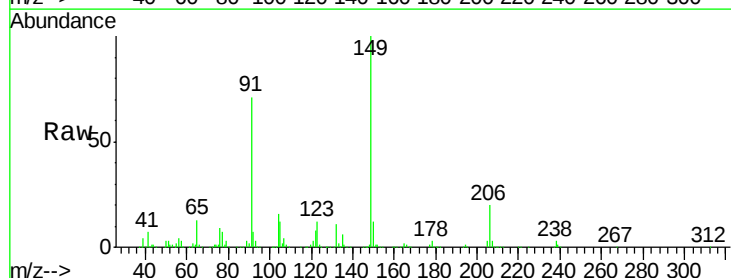
mohammad

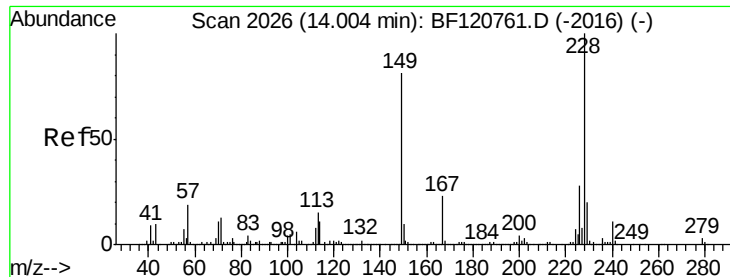
7/7/2020 8:25:31 AM



#80
 Butylbenzylphthalate
 Concen: 87.352 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	55.8	83.8
206	19.7	15.7	23.5





#81

Benzo(a)anthracene

Concen: 73.903 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 1244692

Ion Ratio Lower Upper

228 100

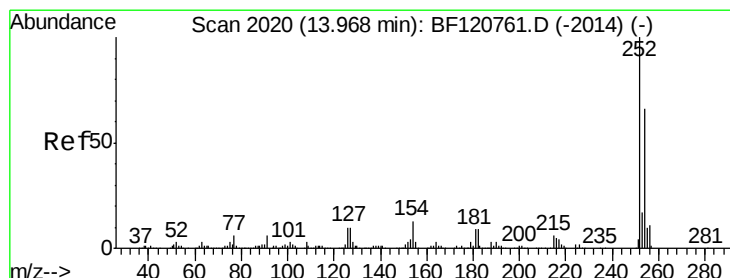
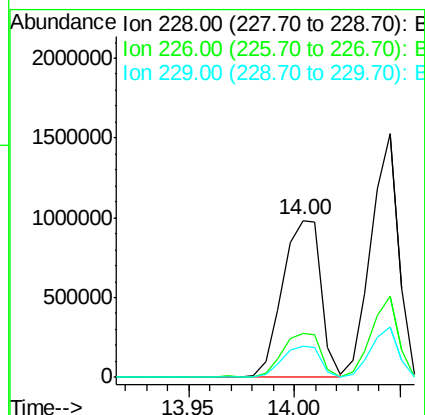
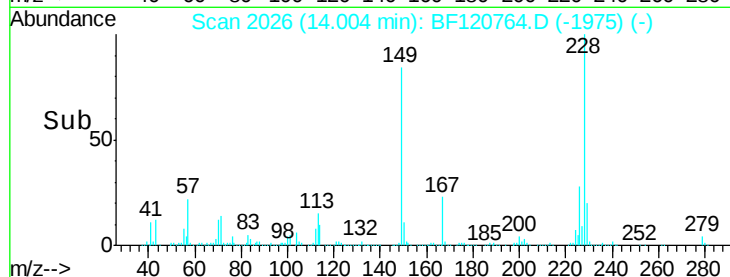
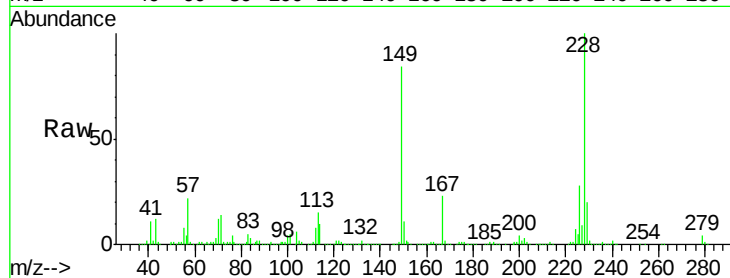
226 28.1 22.6 33.8

229 20.3 15.8 23.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 73.796 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

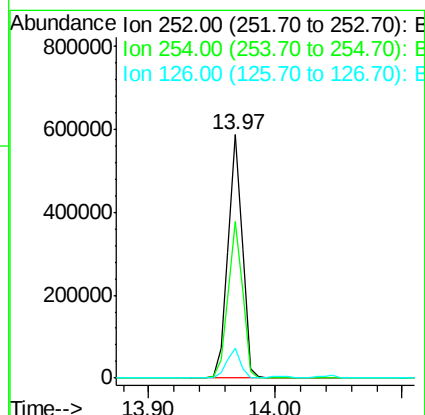
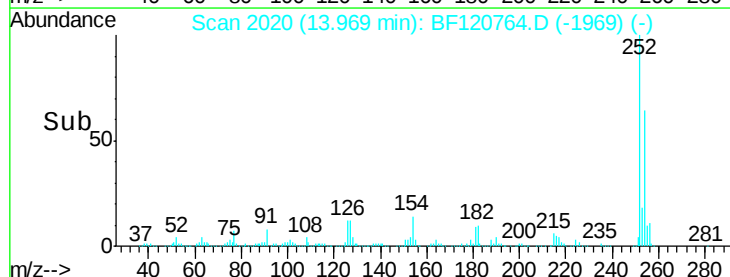
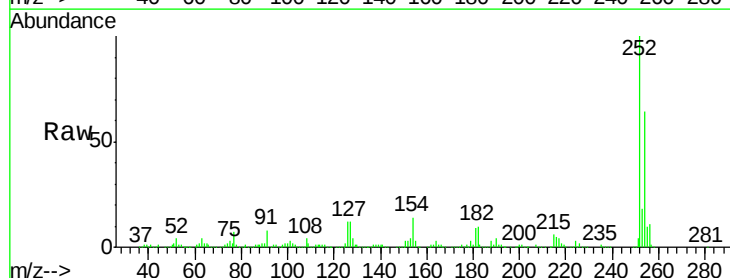
Tgt Ion:252 Resp: 463917

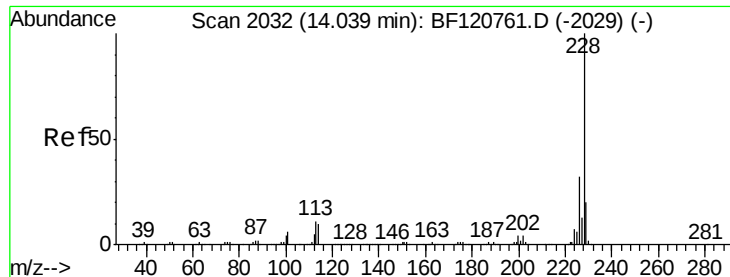
Ion Ratio Lower Upper

252 100

254 64.4 52.6 78.8

126 12.4 7.8 11.8#





#83
 Chrvsene
 Concen: 78.452 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

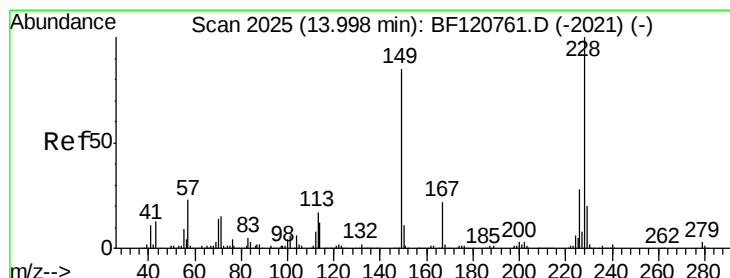
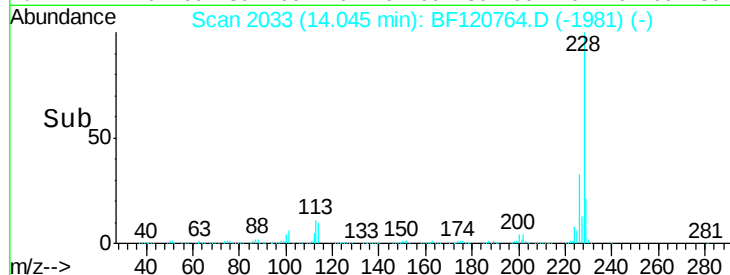
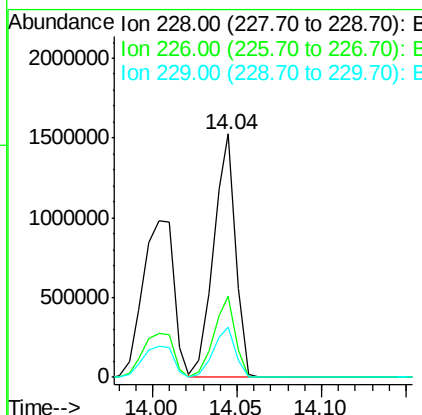
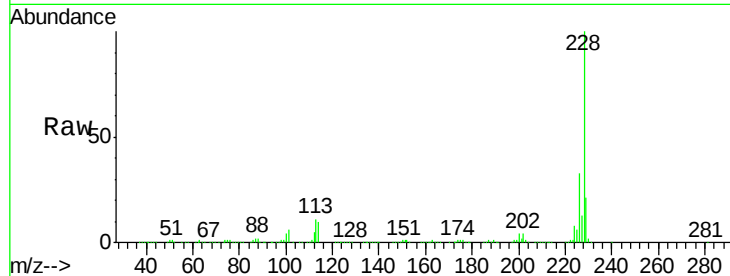
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:228 Resp: 1386198
 Ion Ratio Lower Upper
 228 100
 226 33.1 25.7 38.5
 229 20.8 16.3 24.5

Manual Integrations
 APPROVED

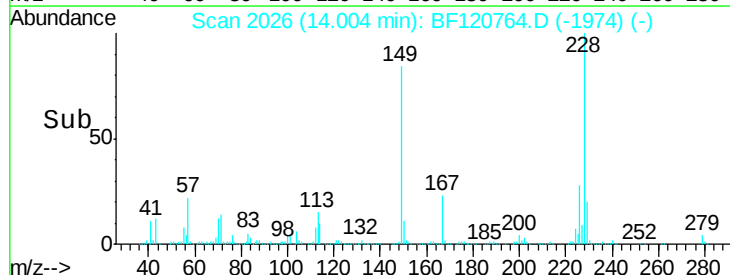
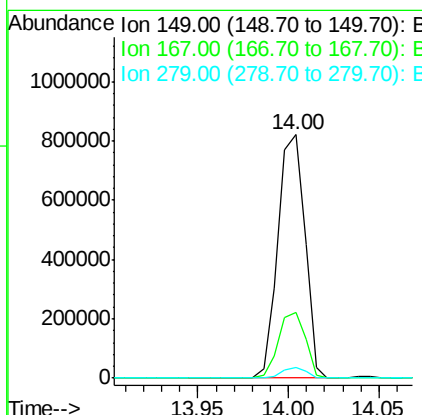
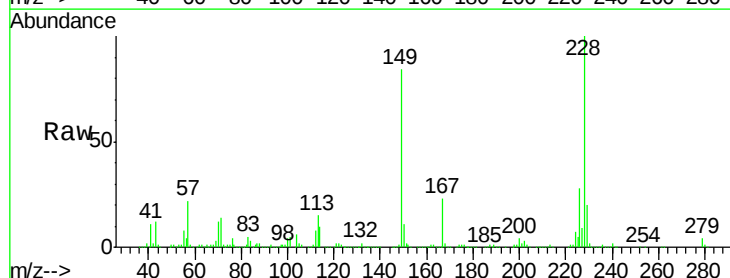
mohammad

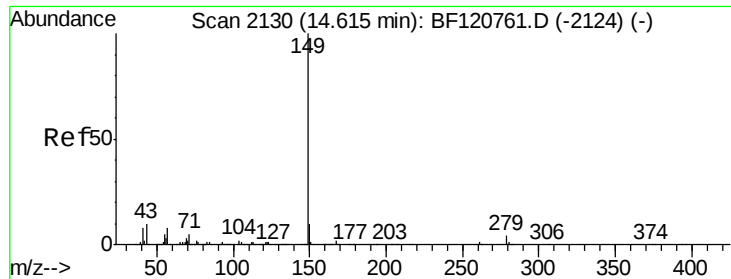
7/7/2020 8:25:31 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 76.513 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120764.D
 Acq: 2 Jul 2020 17:58

Tgt Ion:149 Resp: 856227
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.9 31.3
 279 4.5 2.6 4.0#





#85
Di-n-octyl phthalate
Concen: 81.354 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

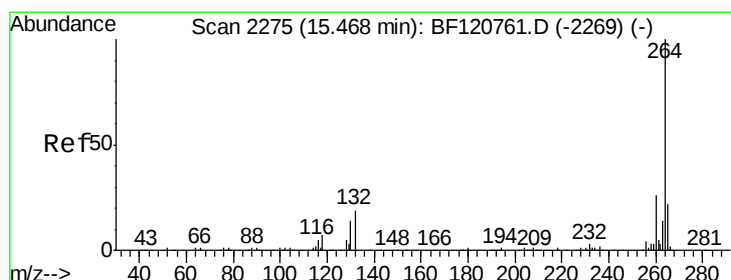
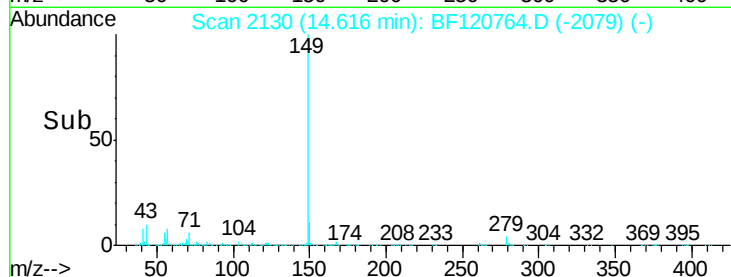
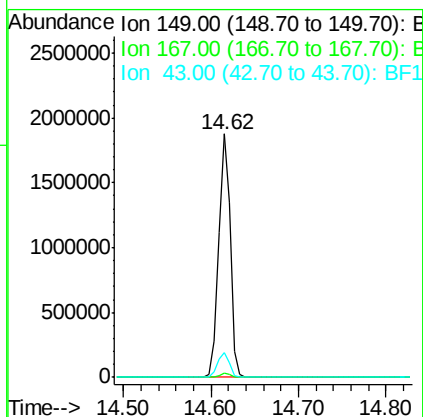
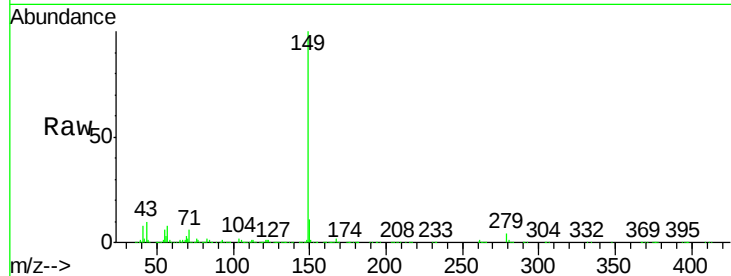
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	8.7	13.1

Manual Integrations
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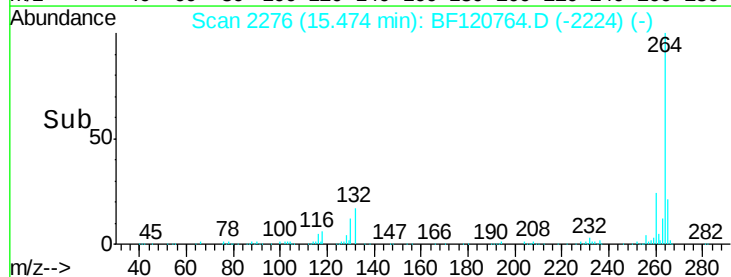
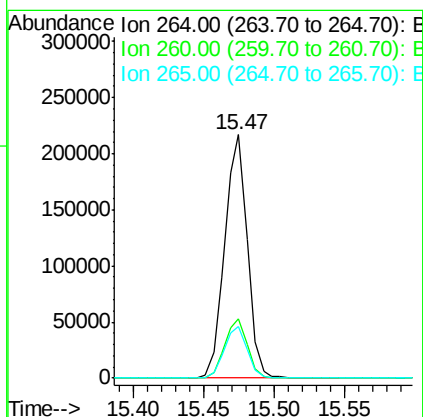
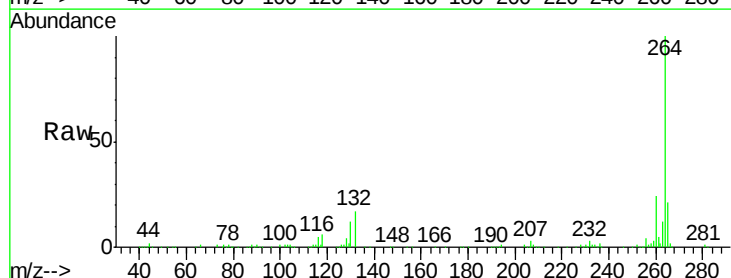
mohammad

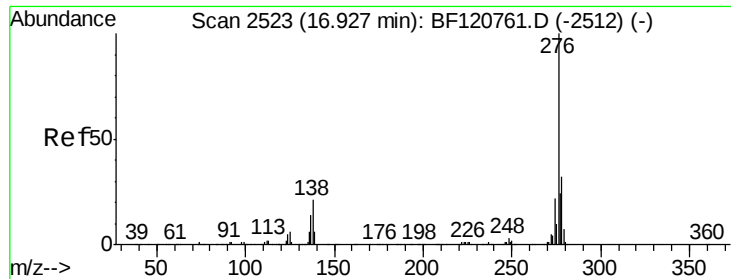
7/7/2020 8:25:31 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.6	30.8
265	21.4	17.6	26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 93.238 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

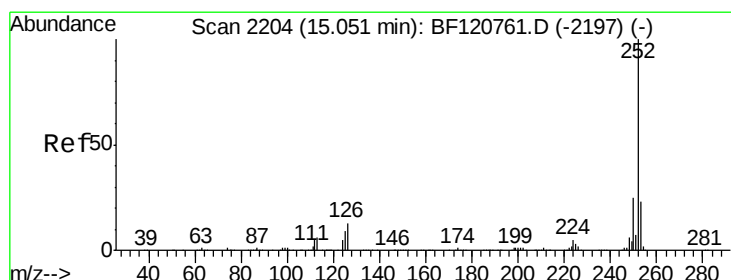
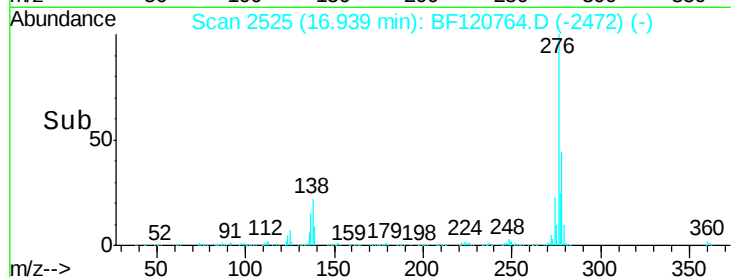
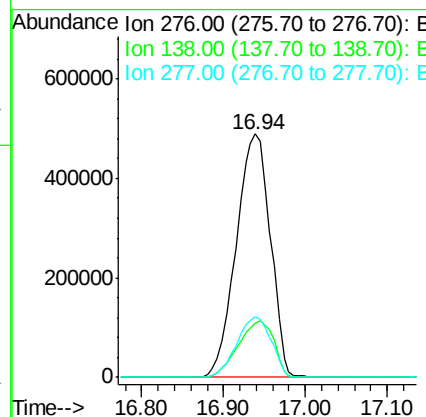
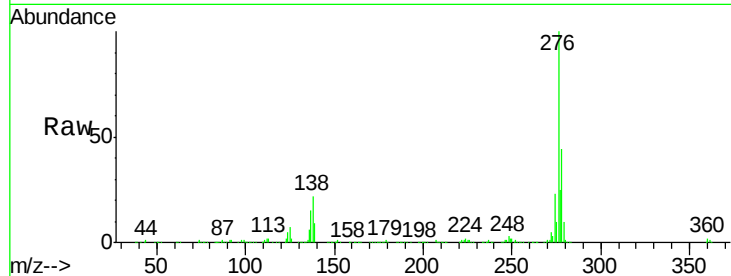
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.8	29.8
277	25.3	19.9	29.9

Manual Integrations
APPROVED

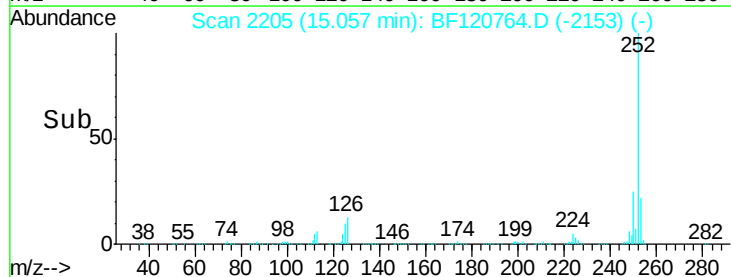
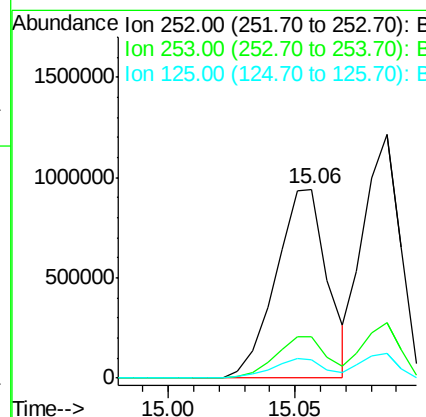
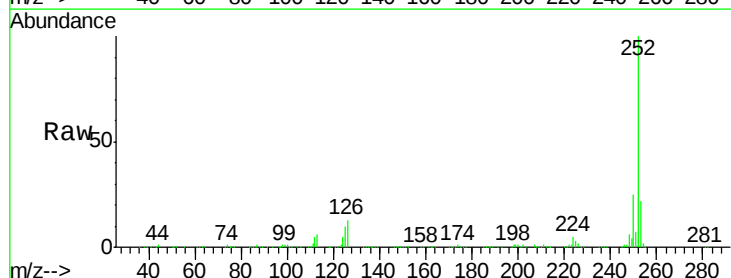
mohammad

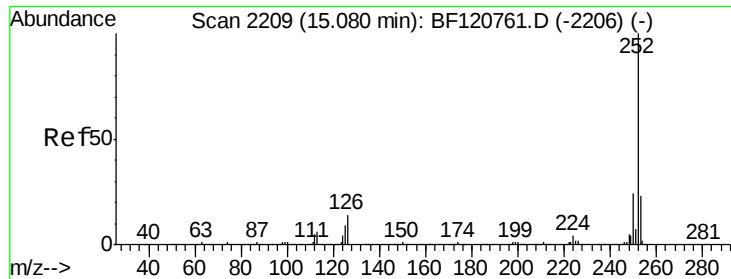
7/7/2020 8:25:31 AM



#88
Benzo(b)fluoranthene
Concen: 86.885 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.7	7.5	11.3





#89
Benzo(k)fluoranthene
Concen: 91.478 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

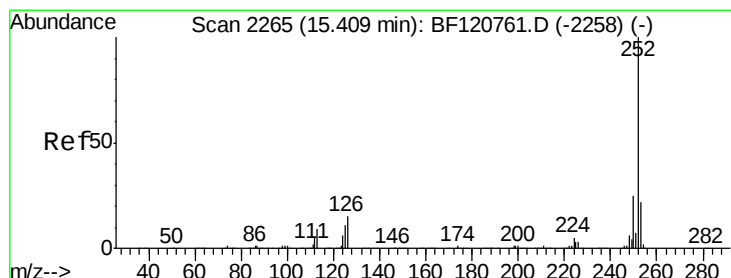
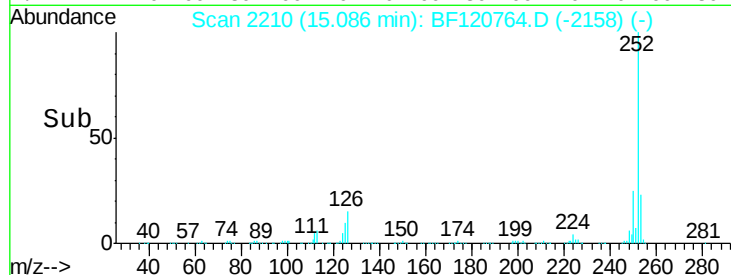
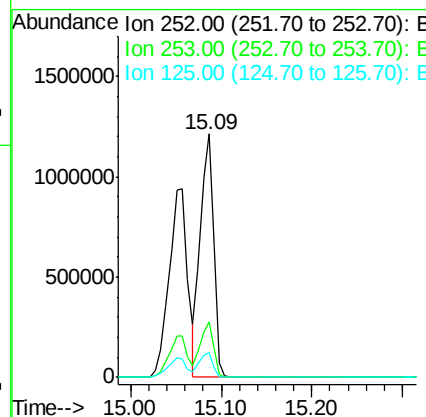
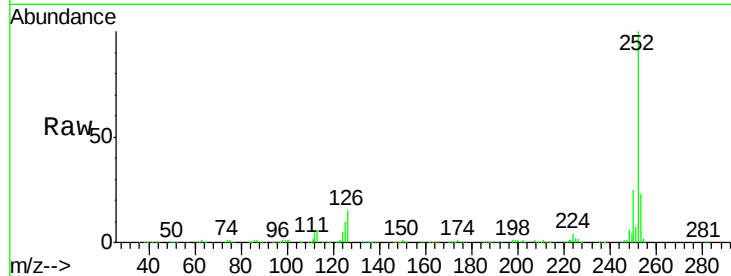
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.1	7.6	11.4

Manual Integrations
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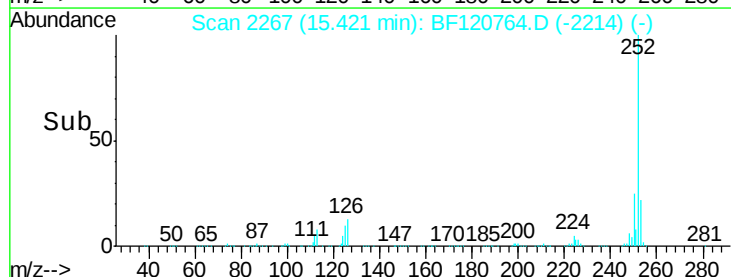
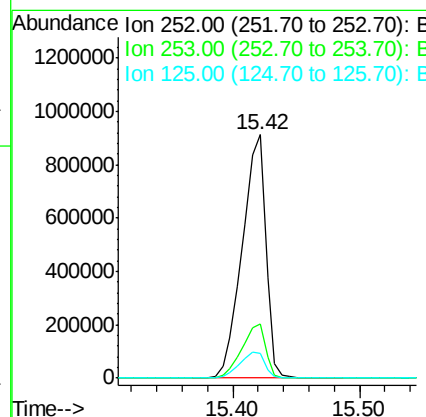
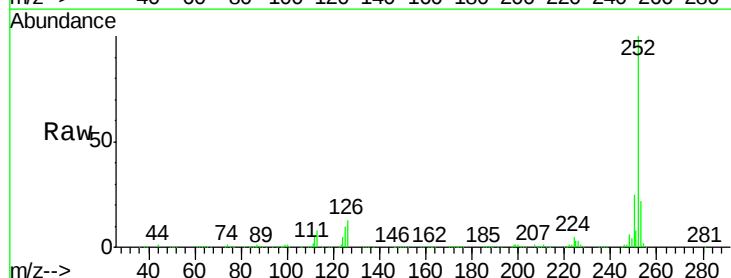
mohammad

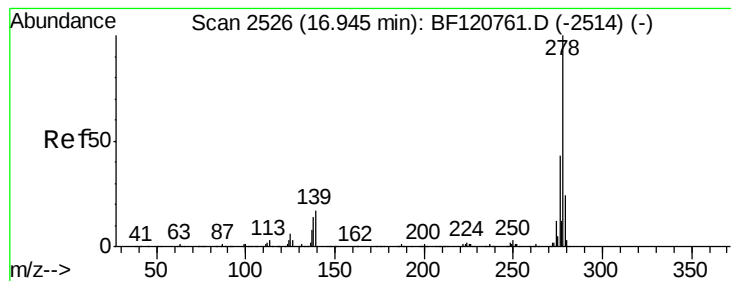
7/7/2020 8:25:31 AM



#90
Benzo(a)pyrene
Concen: 88.889 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF120764.D
Acq: 2 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.2	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 94.445 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:278 Resp: 1173939

Ion Ratio Lower Upper

278 100

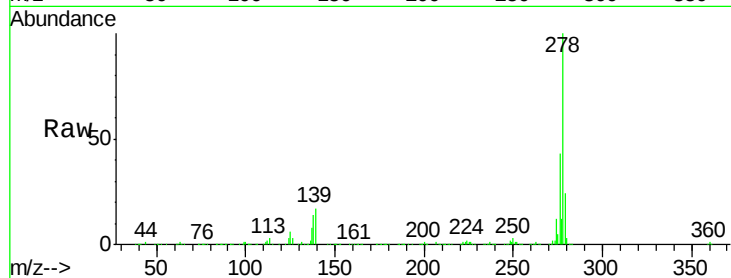
139 16.7 13.3 19.9

279 24.0 19.0 28.6

Manual Integrations
APPROVED

mohammad

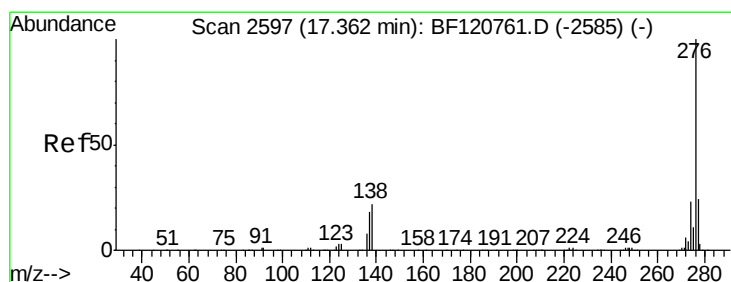
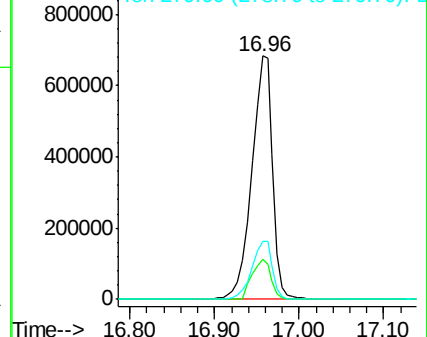
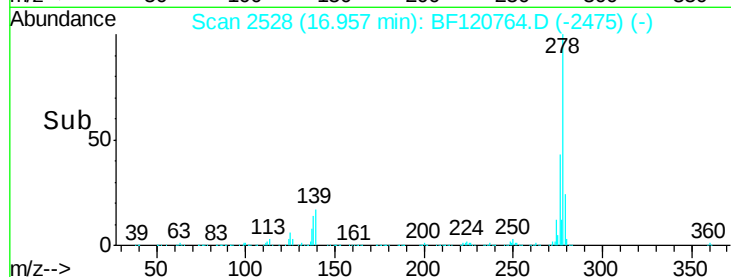
7/7/2020 8:25:31 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 87.782 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.02 min

Lab File: BF120764.D

Acq: 2 Jul 2020 17:58

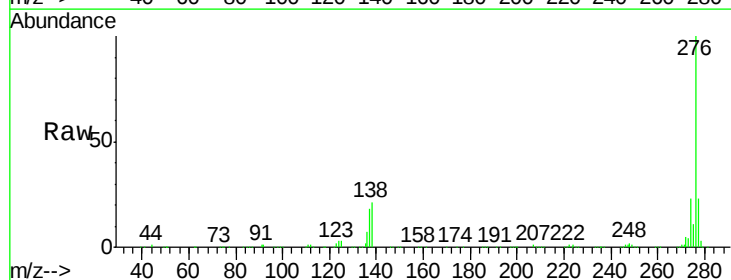
Tgt Ion:276 Resp: 1091743

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 21.2 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

