

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122981.D
 Acq On : 18 Jan 2021 10:50
 Operator : JU/CG
 Sample : SP5424
 Misc : 8270 SPIKE
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5424

Manual Integrations
 APPROVED

mohammad
 1/20/2021 2:15:08 PM

Quant Time: Jan 18 13:28:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	237360	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	967610	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	504608	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	844990	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	529602	20.00	ng	# 0.00
86) Perylene-d12	15.551	264	482772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	0.000	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
79) Terphenyl-d14	0.000	244	0	0.00	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	443728	58.18	ng	# 85
3) Pyridine	3.557	79	789805	38.26	ng	# 68
4) n-Nitrosodimethylamine	3.528	42	501514	54.43	ng	# 68
6) Aniline	6.557	93	869549	34.16	ng	96
8) 2-Chlorophenol	6.681	128	768604	46.35	ng	89
9) Benzaldehyde	6.445	77	551739	54.17	ng	92
10) Phenol	6.528	94	997160	47.05	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	793525	46.24	ng	85
12) 1,3-Dichlorobenzene	6.839	146	828482	43.17	ng	96
13) 1,4-Dichlorobenzene	6.916	146	860509	44.53	ng	97
14) 1,2-Dichlorobenzene	7.069	146	845746	46.91	ng	100
15) Benzyl Alcohol	7.039	79	753599	50.66	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1582006	52.89	ng	89
17) 2-Methylphenol	7.145	107	685028	48.70	ng	97
18) Hexachloroethane	7.410	117	323872	46.37	ng	90
19) n-Nitroso-di-n-propyla...	7.310	70	611507	48.91	ng	# 83
20) 3+4-Methylphenols	7.298	107	814290	46.28	ng	94
22) Acetophenone	7.304	105	1083321	44.52	ng	# 91
24) Nitrobenzene	7.475	77	886597	46.01	ng	93
25) Isophorone	7.722	82	1528291	45.55	ng	99
26) 2-Nitrophenol	7.792	139	437572	50.26	ng	97
27) 2,4-Dimethylphenol	7.828	122	743868	53.66	ng	97
28) bis(2-Chloroethoxy)met...	7.928	93	1047842	46.20	ng	99
29) 2,4-Dichlorophenol	8.033	162	671680	46.41	ng	96
30) 1,2,4-Trichlorobenzene	8.122	180	676695	43.89	ng	92
31) Naphthalene	8.204	128	2332112	46.88	ng	99
32) Benzoic acid	7.957	122	567221m	48.70	ng	
33) 4-Chloroaniline	8.245	127	612920	28.24	ng	# 93
34) Hexachlorobutadiene	8.322	225	355984	42.24	ng	100
35) Caprolactam	8.622	113	232397m	47.24	ng	
36) 4-Chloro-3-methylphenol	8.727	107	788094	51.19	ng	94
37) 2-Methylnaphthalene	8.898	142	1667668	48.60	ng	99
38) 1-Methylnaphthalene	8.998	142	1470087	45.36	ng	95
40) 1,2,4,5-Tetrachloroben...	9.063	216	515833	37.24	ng	# 95
41) Hexachlorocyclopentadiene	9.051	237	681756	101.31	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	437736	42.39	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122981.D
 Acq On : 18 Jan 2021 10:50
 Operator : JU/CG
 Sample : SP5424
 Misc : 8270 SPIKE
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5424

Manual Integrations
 APPROVED

mohammad
 1/20/2021 2:15:08 PM

Quant Time: Jan 18 13:28:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.204	196	451274	43.07	ng	#	93
46) 1,1'-Biphenyl	9.363	154	1779972	43.37	ng		97
47) 2-Chloronaphthalene	9.386	162	1392849	40.68	ng		98
48) 2-Nitroaniline	9.474	65	524010	44.90	ng	#	78
49) Acenaphthylene	9.804	152	2044101	40.92	ng		100
50) Dimethylphthalate	9.663	163	1604456	40.96	ng		99
51) 2,6-Dinitrotoluene	9.722	165	360283	42.06	ng	#	82
52) Acenaphthene	9.974	154	1509147	46.74	ng		98
53) 3-Nitroaniline	9.886	138	286652	27.07	ng		85
54) 2,4-Dinitrophenol	9.992	184	336036	70.47	ng	#	76
55) Dibenzofuran	10.151	168	1853371	41.18	ng		99
56) 4-Nitrophenol	10.045	139	695856	89.15	ng	#	75
57) 2,4-Dinitrotoluene	10.127	165	477110	43.30	ng		92
58) Fluorene	10.492	166	1360161	38.64	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	364039	43.53	ng	#	80
60) Diethylphthalate	10.363	149	1516574	39.84	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	613740	38.77	ng		89
62) 4-Nitroaniline	10.504	138	385715	36.93	ng		98
63) Azobenzene	10.639	77	1710823	44.92	ng		90
65) 4,6-Dinitro-2-methylph...	10.533	198	205942	43.27	ng	#	77
66) n-Nitrosodiphenylamine	10.598	169	1314100	41.66	ng		98
67) 4-Bromophenyl-phenylether	10.974	248	374536	36.25	ng		97
68) Hexachlorobenzene	11.039	284	419396	35.50	ng	#	94
69) Atrazine	11.127	200	276260	32.89	ng		97
70) Pentachlorophenol	11.233	266	454197	73.10	ng		97
71) Phenanthrene	11.457	178	2114431	41.76	ng		99
72) Anthracene	11.510	178	1975037	39.46	ng		100
73) Carbazole	11.657	167	1885505	38.87	ng		99
74) Di-n-butylphthalate	11.992	149	2170217	37.80	ng		99
75) Fluoranthene	12.645	202	1877091	36.64	ng		95
77) Benzidine	12.762	184	921866	65.74	ng		100
78) Pyrene	12.874	202	1954054	46.08	ng		100
80) Butylbenzylphthalate	13.492	149	967772	50.92	ng		89
81) Benzo(a)anthracene	14.062	228	1575760	44.46	ng		98
82) 3,3'-Dichlorobenzidine	14.027	252	477369	41.14	ng		99
83) Chrysene	14.104	228	1480150	41.41	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	1206012	47.60	ng		99
85) Di-n-octyl phthalate	14.668	149	1964501	47.93	ng	#	86
87) Indeno(1,2,3-cd)pyrene	17.050	276	1759949	57.87	ng	#	93
88) Benzo(b)fluoranthene	15.121	252	1722082m	52.85	ng		
89) Benzo(k)fluoranthene	15.156	252	1504222	45.03	ng		99
90) Benzo(a)pyrene	15.498	252	1273989	43.28	ng		98
91) Dibenzo(a,h)anthracene	17.074	278	1438050	57.71	ng		97
92) Benzo(g,h,i)perylene	17.509	276	1265501	52.46	ng	#	95

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

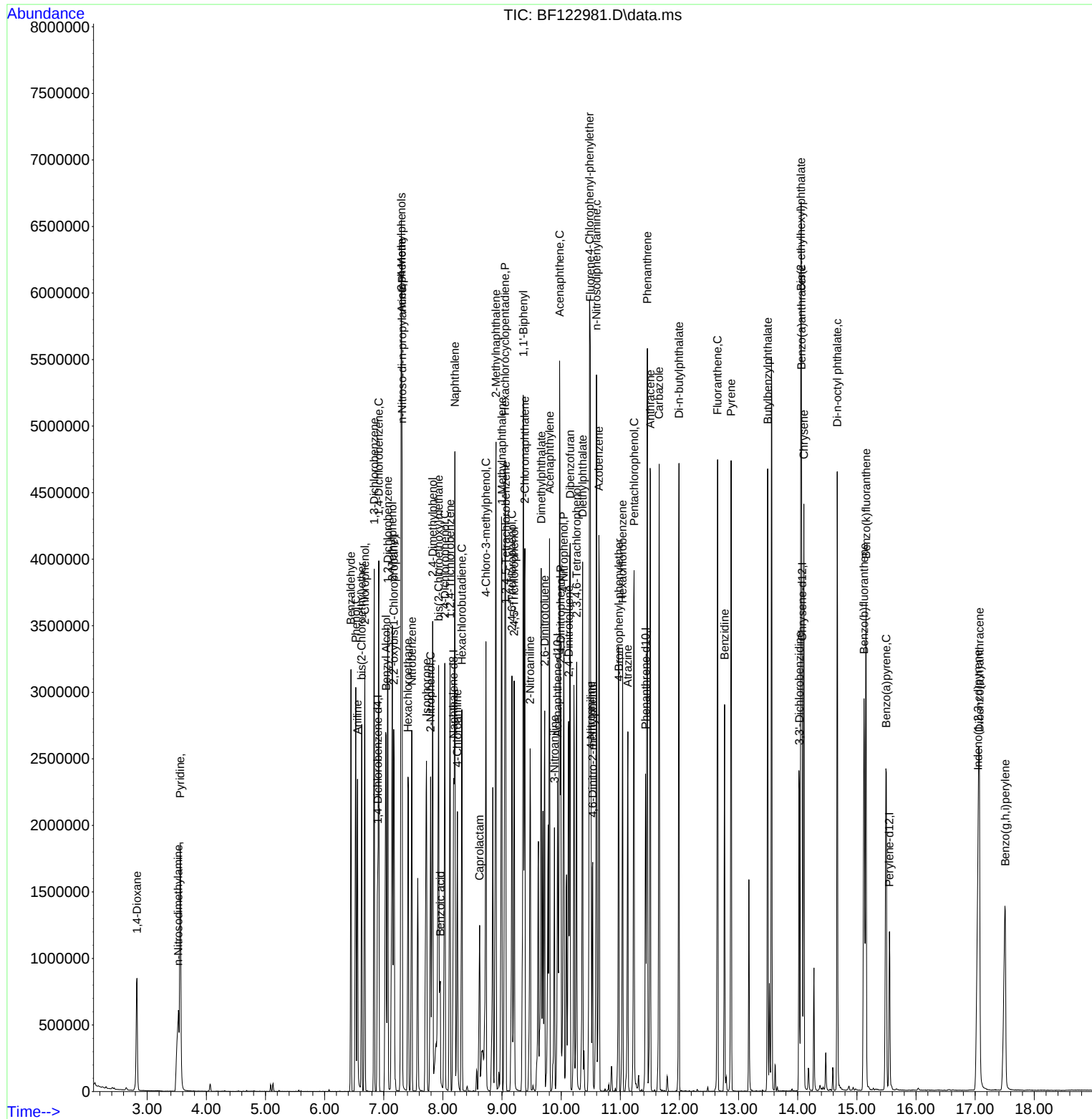
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122981.D
Acq On : 18 Jan 2021 10:50
Operator : JU/CG
Sample : SP5424
Misc : 8270 SPIKE
ALS Vial : 5 Sample Multiplier: 1

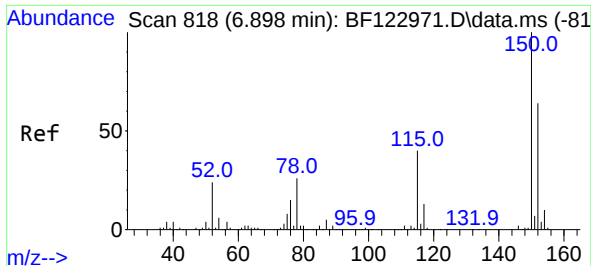
Instrument :
BNA_F
ClientSampleId :
SP5424

Manual Integrations
APPROVED

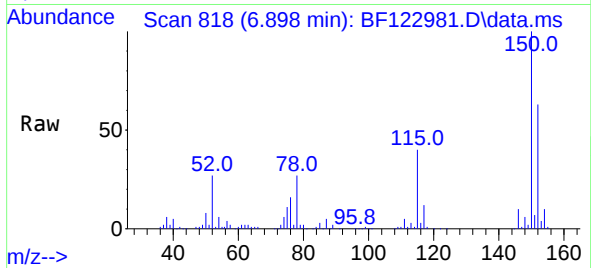
mohammad
1/20/2021 2:15:08 PM

Quant Time: Jan 18 13:28:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

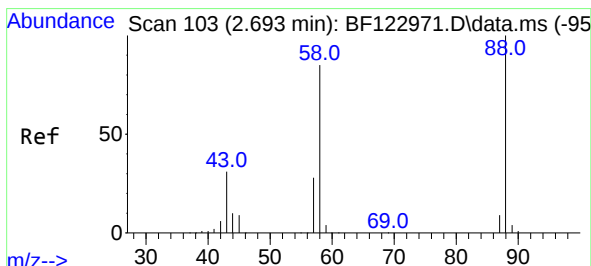
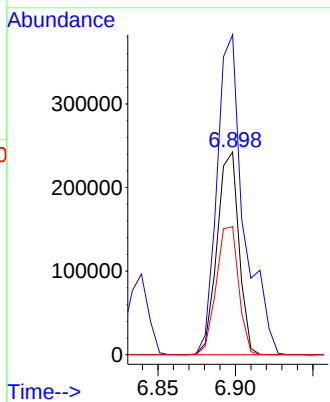
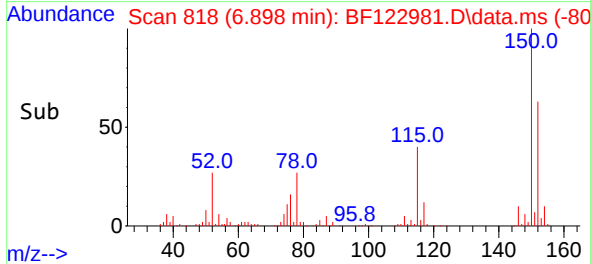




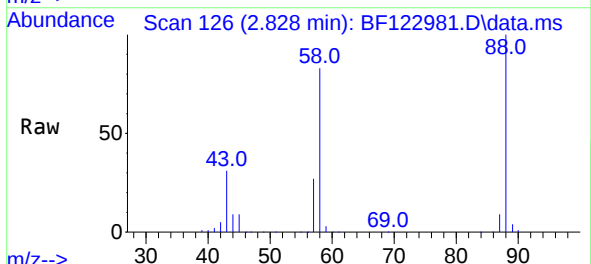
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



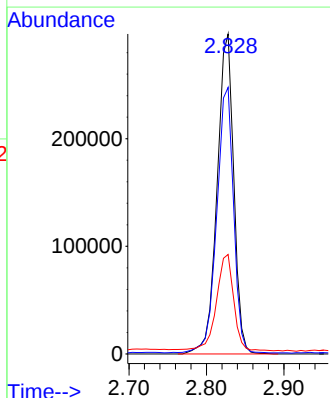
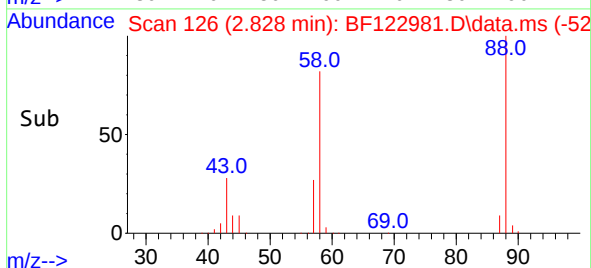
Tgt Ion:152 Resp: 237360
Ion Ratio Lower Upper
152 100
150 157.9 125.8 188.6
115 63.2 49.3 73.9



#2
1,4-Dioxane
Concen: 58.18 ng
RT: 2.828 min Scan# 126
Delta R.T. 0.135 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



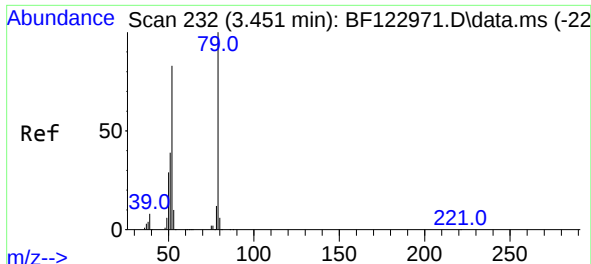
Tgt Ion: 88 Resp: 443728
Ion Ratio Lower Upper
88 100
58 84.3 56.2 84.2#
43 31.7 21.8 32.6



Instrument :
BNA_F
ClientSampleId :
SP5424

Manual Integrations
APPROVED

mohammad
1/20/2021 2:15:08 PM



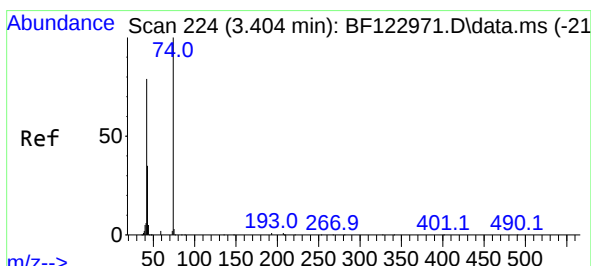
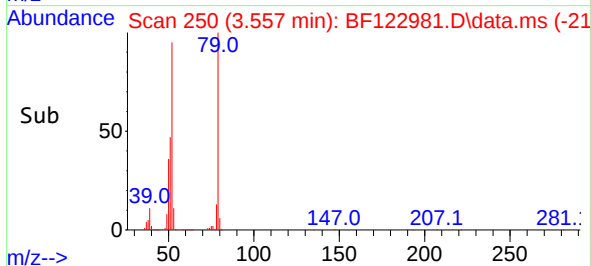
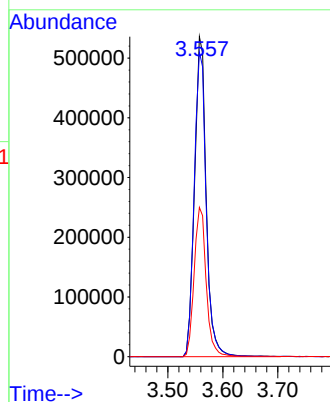
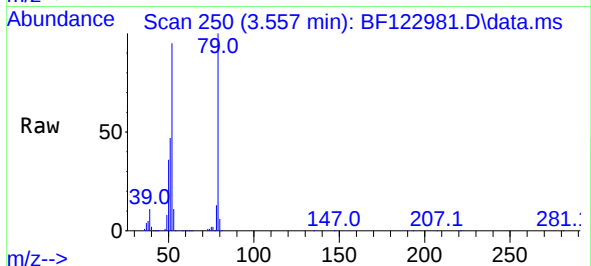
#3
Pyridine
Concen: 38.26 ng
RT: 3.557 min Scan# 250
Delta R.T. 0.106 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion: 79 Resp: 789805
Ion Ratio Lower Upper
79 100
52 95.2 53.0 79.4#
51 46.6 26.6 39.8#

Instrument :
BNA_F
ClientSampleId :
SP5424

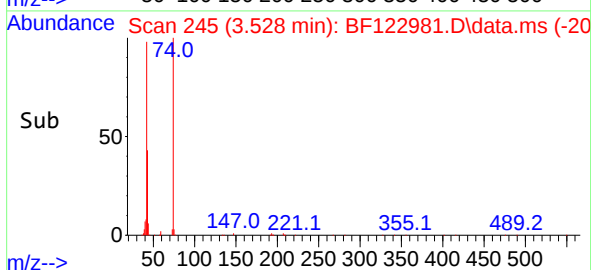
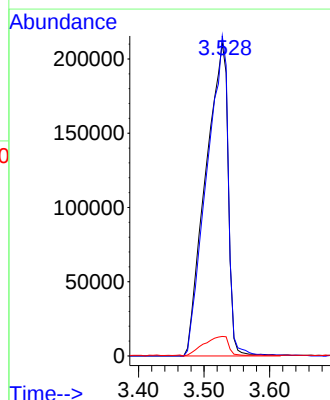
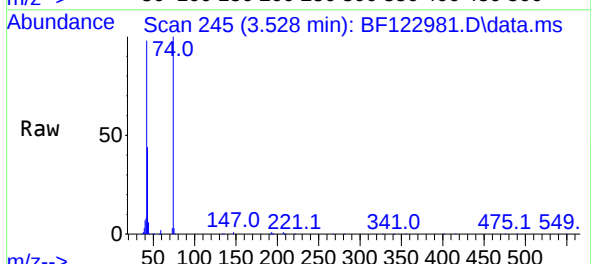
Manual Integrations
APPROVED

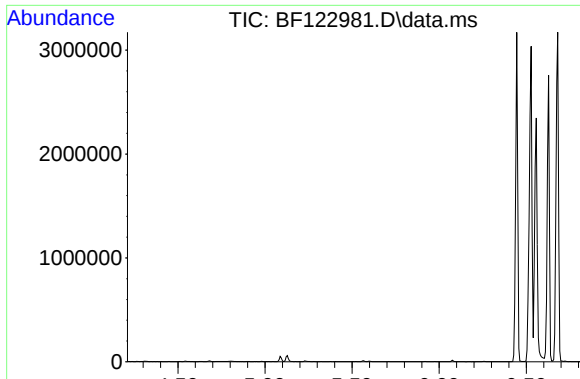
mohammad
1/20/2021 2:15:08 PM



#4
n-Nitrosodimethylamine
Concen: 54.43 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.123 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion: 42 Resp: 501514
Ion Ratio Lower Upper
42 100
74 102.4 115.2 172.8#
44 6.3 5.4 8.0





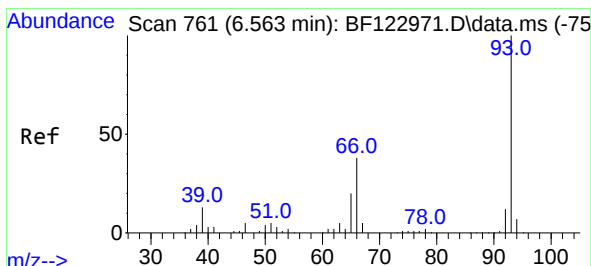
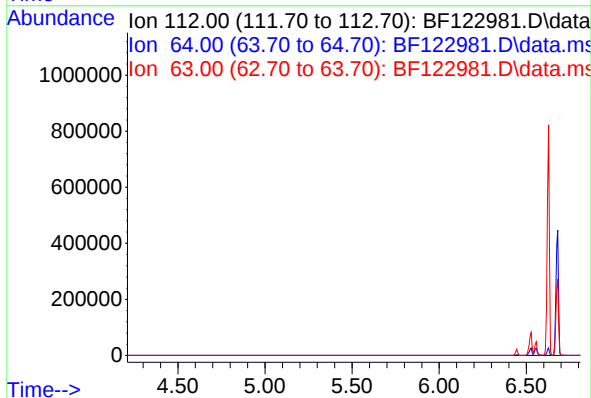
#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.51 min
 Lab File: BF122981.D
 Acq: 18 Jan 2021 10:50

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 58.6
 63 30.6

Instrument :
 BNA_F
 ClientSampleId :
 SP5424

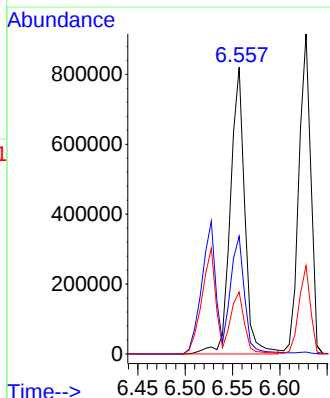
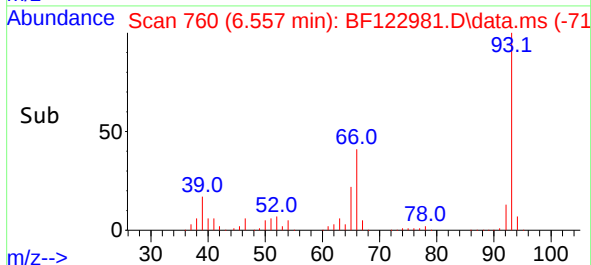
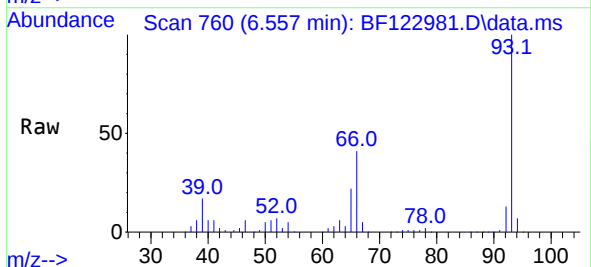
Manual Integrations
 APPROVED

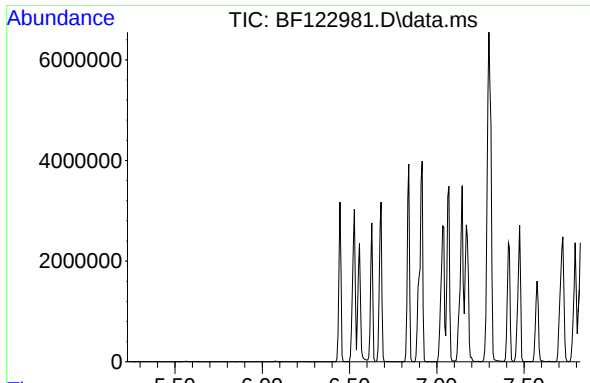
mohammad
 1/20/2021 2:15:08 PM



#6
 Aniline
 Concen: 34.16 ng
 RT: 6.557 min Scan# 760
 Delta R.T. -0.006 min
 Lab File: BF122981.D
 Acq: 18 Jan 2021 10:50

Tgt Ion: 93 Resp: 869549
 Ion Ratio Lower Upper
 93 100
 66 41.0 31.3 46.9
 65 21.6 15.6 23.4





#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.52 min

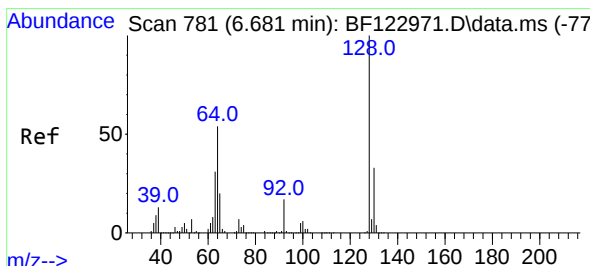
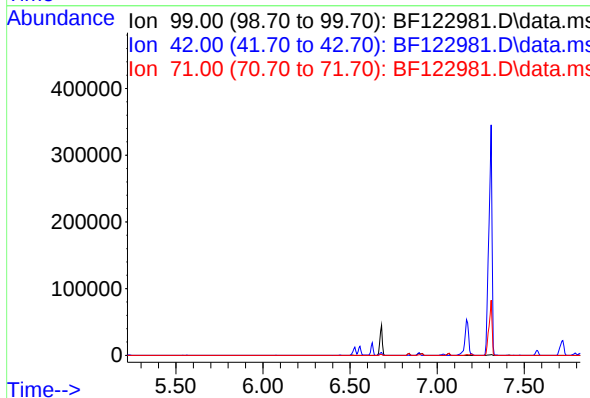
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion: 99
Sig Exp Ratio
99 100
42 17.2
71 33.6

Instrument :
BNA_F
ClientSampleId :
SP5424

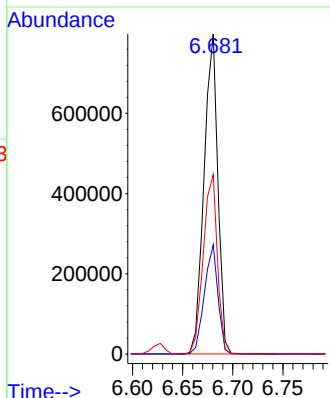
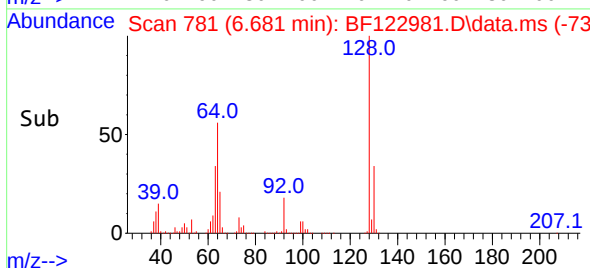
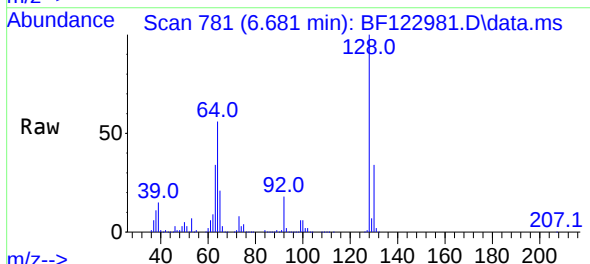
Manual Integrations
APPROVED

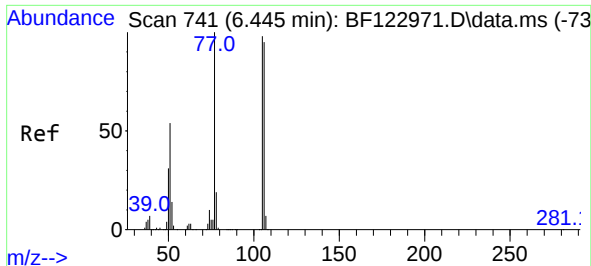
mohammad
1/20/2021 2:15:08 PM



#8
2-Chlorophenol
Concen: 46.35 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

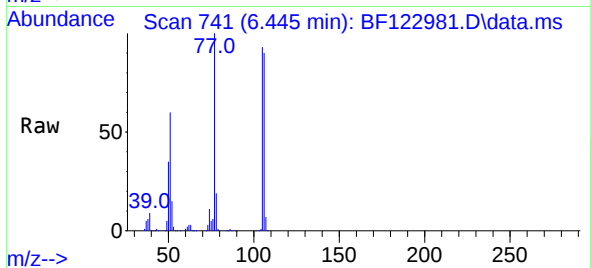
Tgt Ion:128 Resp: 768604
Ion Ratio Lower Upper
128 100
130 34.1 12.3 52.3
64 56.0 25.5 65.5





#9
Benzaldehyde
Concen: 54.17 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

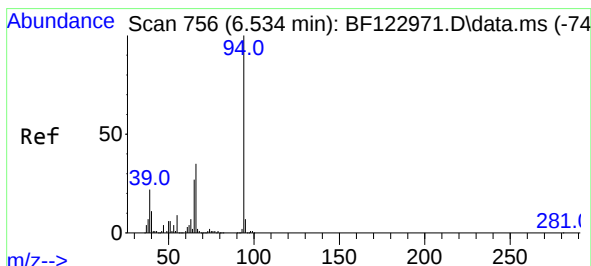
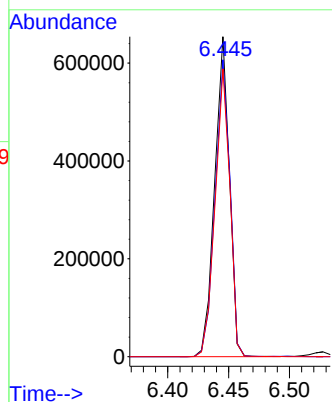
Instrument :
BNA_F
ClientSampleId :
SP5424



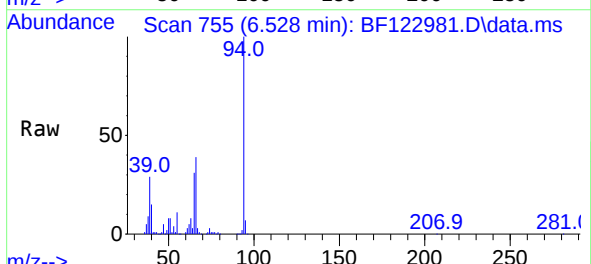
Tgt Ion: 77 Resp: 551739
Ion Ratio Lower Upper
77 100
105 92.8 80.6 120.6
106 90.0 77.2 117.2

Manual Integrations
APPROVED

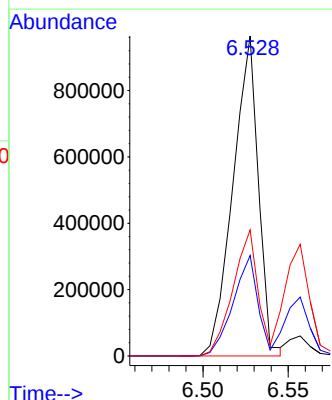
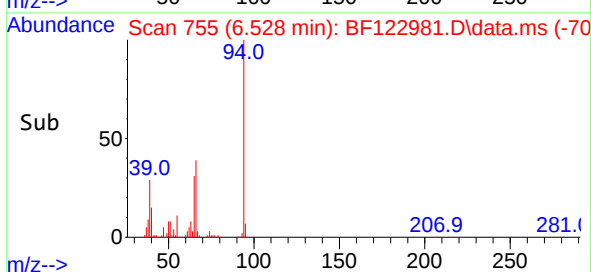
mohammad
1/20/2021 2:15:08 PM

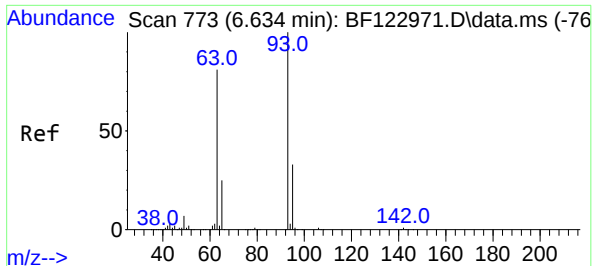


#10
Phenol
Concen: 47.05 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



Tgt Ion: 94 Resp: 997160
Ion Ratio Lower Upper
94 100
65 31.4 11.2 51.2
66 39.4 25.8 65.8





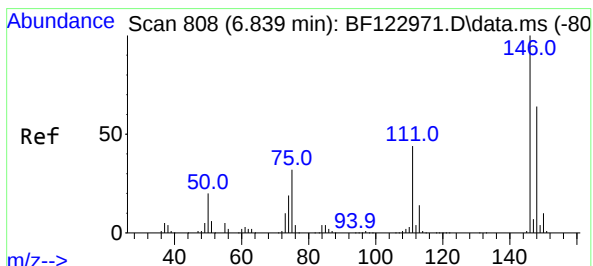
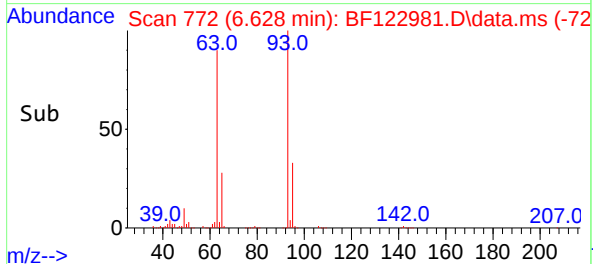
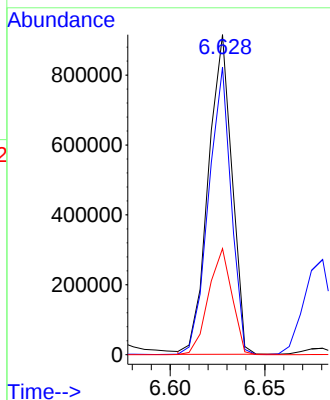
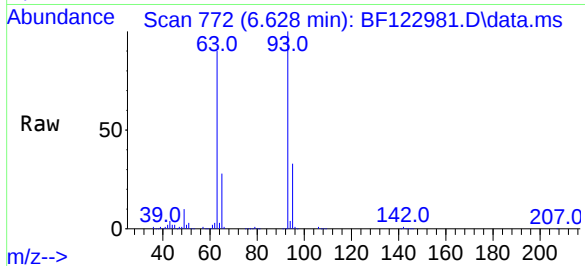
#11
bis(2-Chloroethyl)ether
Concen: 46.24 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:	93	Resp:	793525
Ion	Ratio	Lower	Upper
93	100		
63	89.8	52.6	92.6
95	33.1	12.6	52.6

Instrument :
BNA_F
ClientSampled :
SP5424

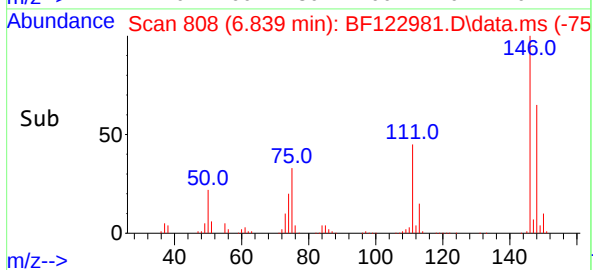
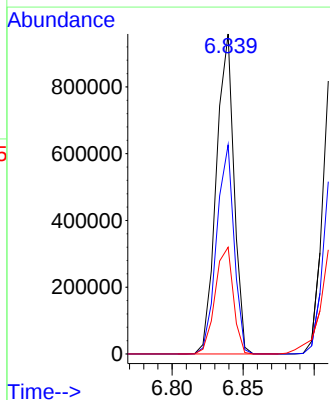
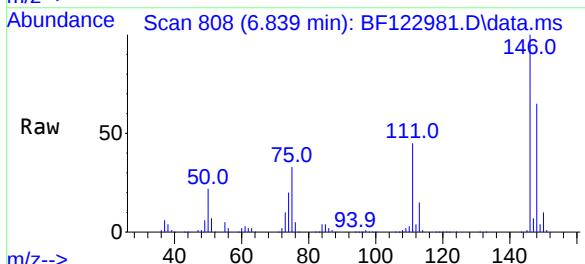
Manual Integrations
APPROVED

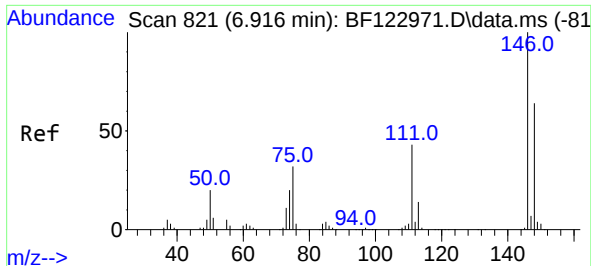
mohammad
1/20/2021 2:15:08 PM



#12
1,3-Dichlorobenzene
Concen: 43.17 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:	146	Resp:	828482
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	33.4	22.5	33.7





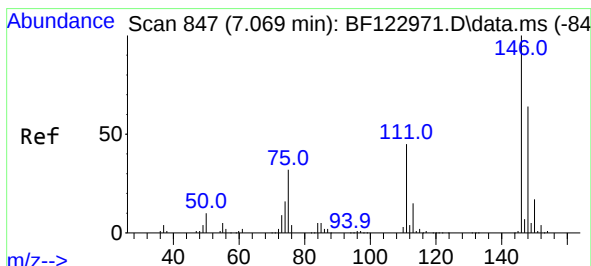
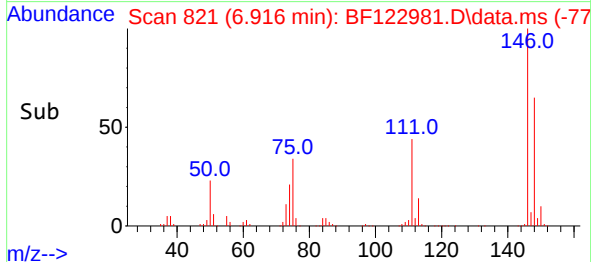
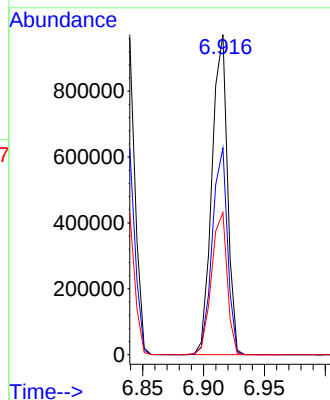
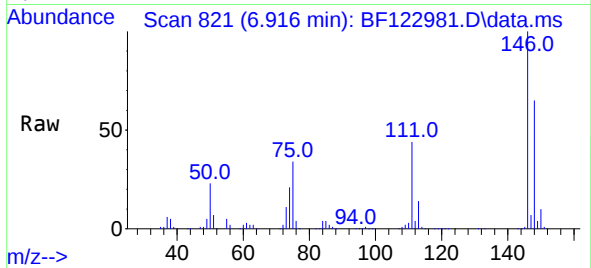
#13
1,4-Dichlorobenzene
Concen: 44.53 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:146 Resp: 860509
Ion Ratio Lower Upper
146 100
148 64.5 52.0 78.0
111 44.4 32.3 48.5

Instrument :
BNA_F
ClientSampled :
SP5424

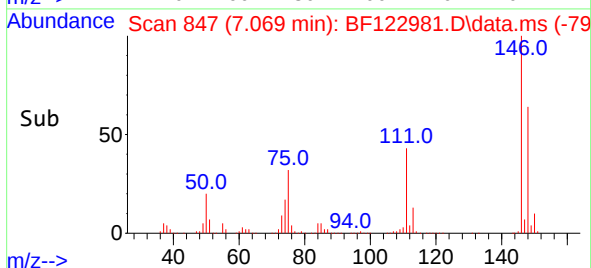
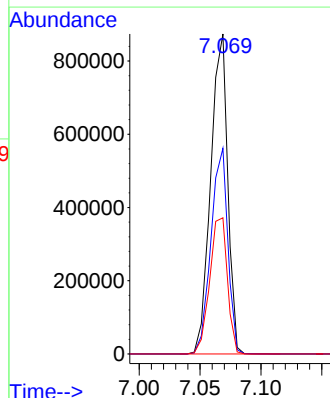
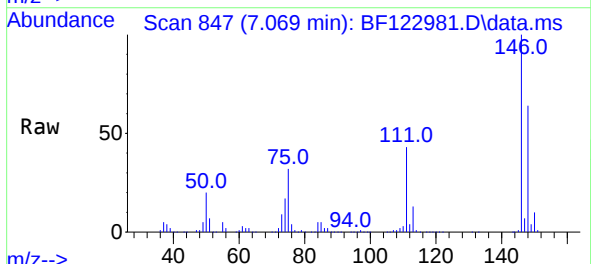
Manual Integrations
APPROVED

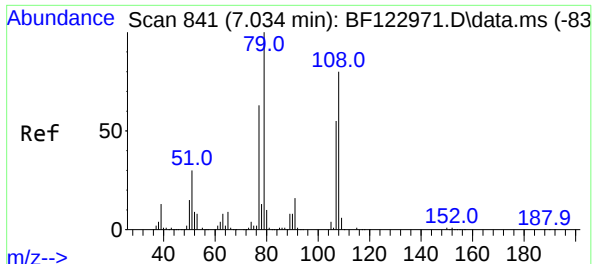
mohammad
1/20/2021 2:15:08 PM



#14
1,2-Dichlorobenzene
Concen: 46.91 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:146 Resp: 845746
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 42.5 34.2 51.2





#15
Benzyl Alcohol
Concen: 50.66 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

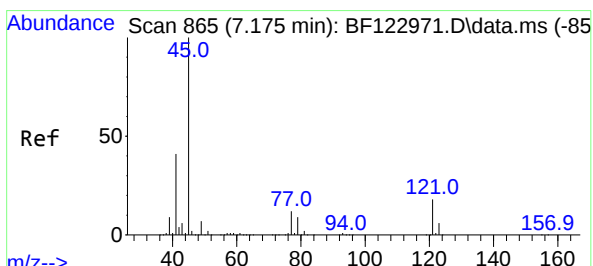
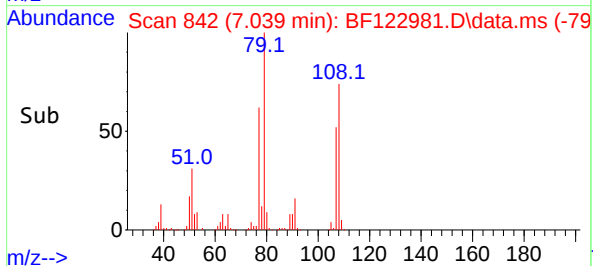
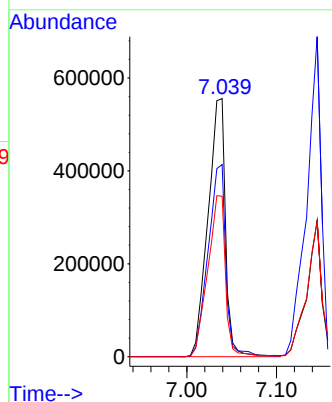
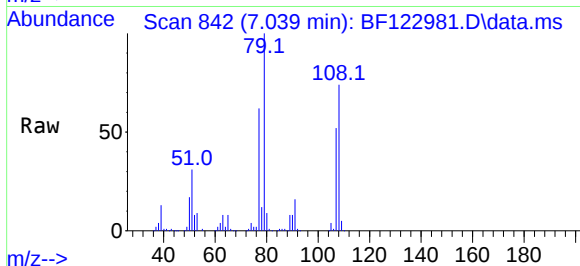
Tgt Ion: 79 Resp: 753599

Ion	Ratio	Lower	Upper
79	100		
108	74.5	62.4	93.6
77	62.2	49.0	73.6

Instrument :
BNA_F
ClientSampled :
SP5424

Manual Integrations
APPROVED

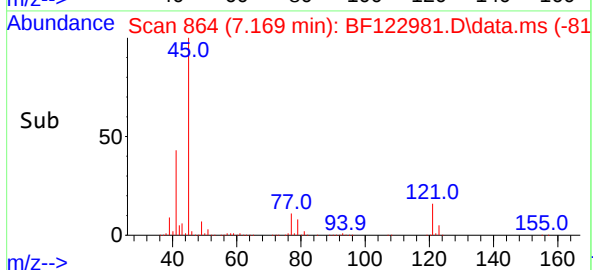
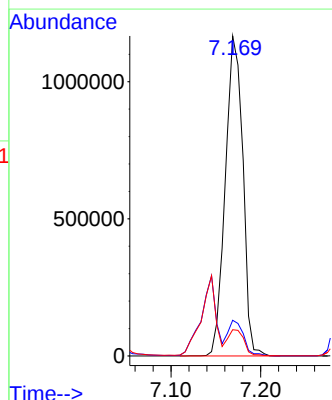
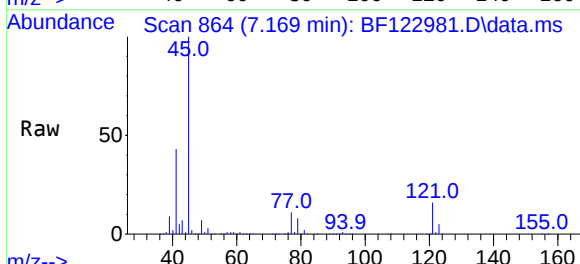
mohammad
1/20/2021 2:15:08 PM

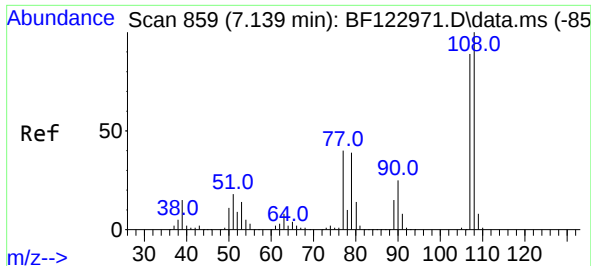


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.89 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion: 45 Resp: 1582006

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	35.6
79	8.2	0.0	32.4





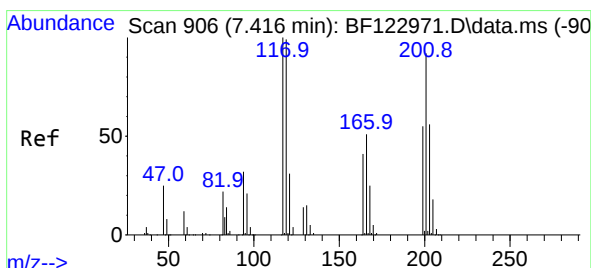
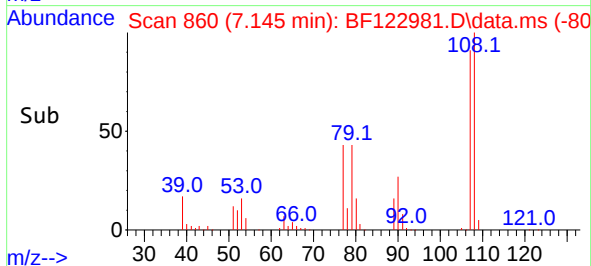
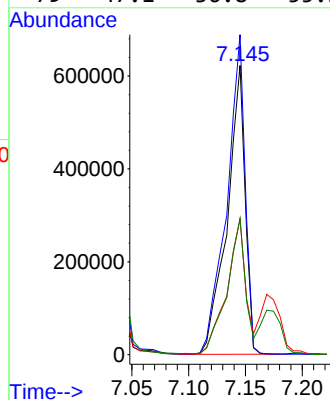
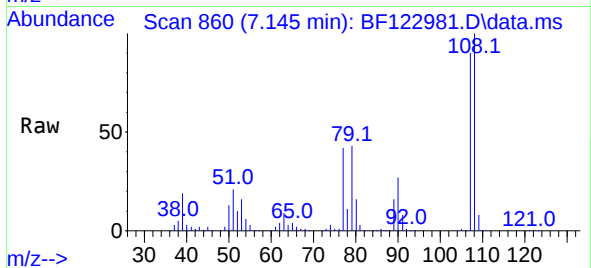
#17
2-Methylphenol
Concen: 48.70 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:	107	Resp:	685028
Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.1	136.7
77	46.9	36.3	54.5
79	47.1	36.8	55.2

Instrument :
BNA_F
ClientSampled :
SP5424

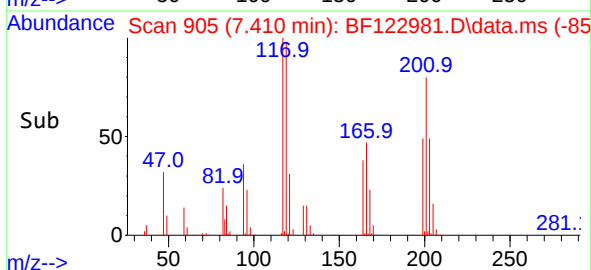
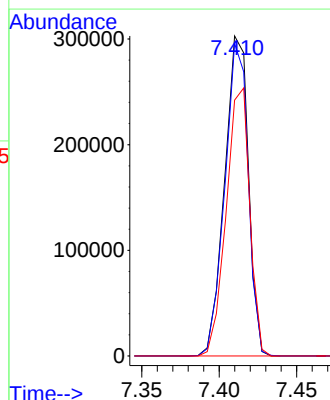
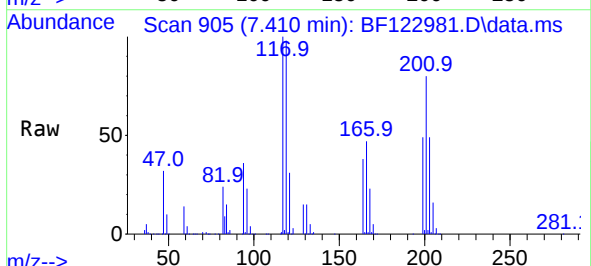
Manual Integrations
APPROVED

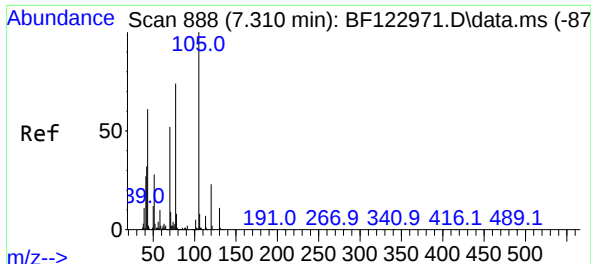
mohammad
1/20/2021 2:15:08 PM



#18
Hexachloroethane
Concen: 46.37 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

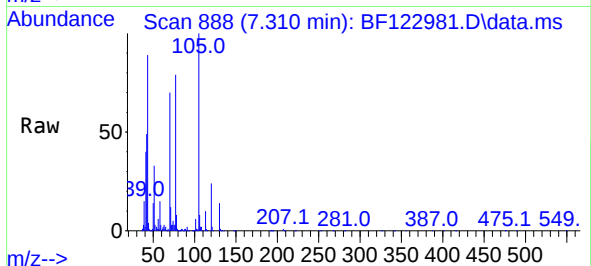
Tgt Ion:	117	Resp:	323872
Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.4	117.6
201	79.9	79.6	119.4





#19
n-Nitroso-di-n-propylamine
Concen: 48.91 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

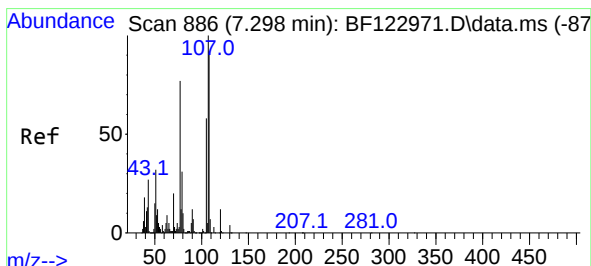
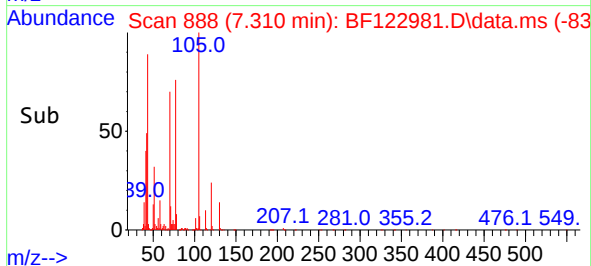
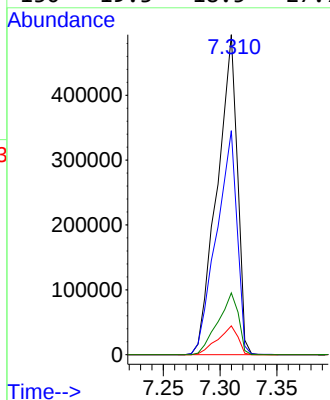
Instrument :
BNA_F
ClientSampleId :
SP5424



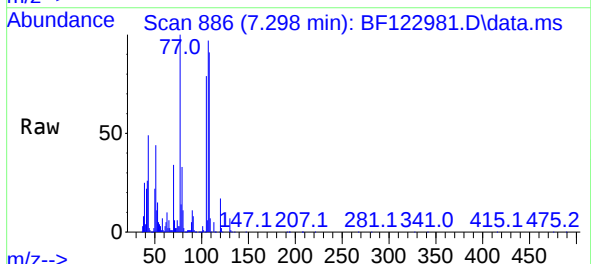
Tgt Ion: 70 Resp: 611507
Ion Ratio Lower Upper
70 100
42 70.0 43.0 64.4#
101 9.0 7.9 11.9
130 19.3 18.5 27.7

Manual Integrations
APPROVED

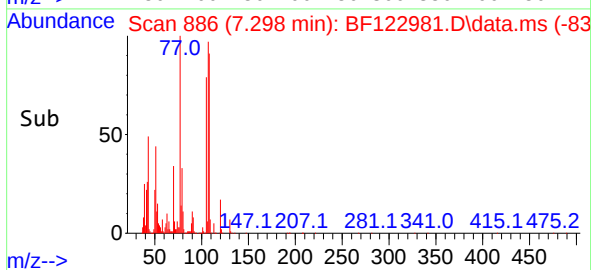
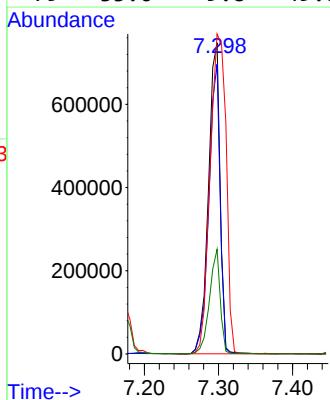
mohammad
1/20/2021 2:15:08 PM

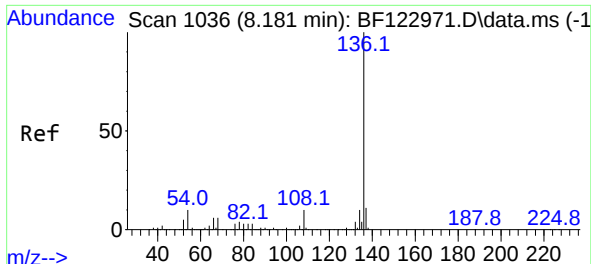


#20
3+4-Methylphenols
Concen: 46.28 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



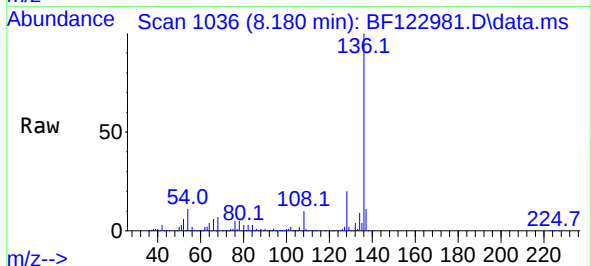
Tgt Ion: 107 Resp: 814290
Ion Ratio Lower Upper
107 100
108 93.1 68.7 108.7
77 102.8 89.8 129.8
79 33.6 9.8 49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

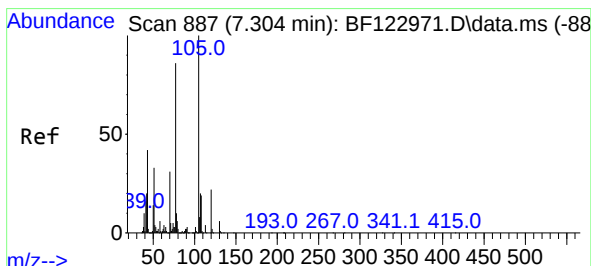
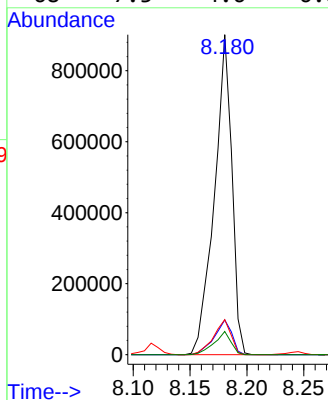
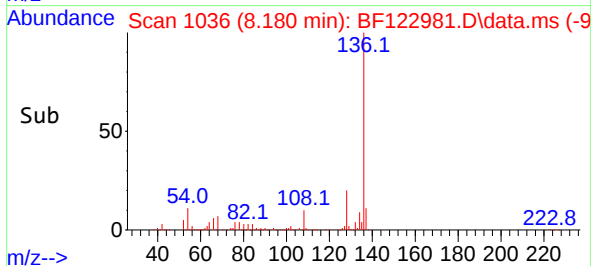
Instrument :
BNA_F
ClientSampleId :
SP5424



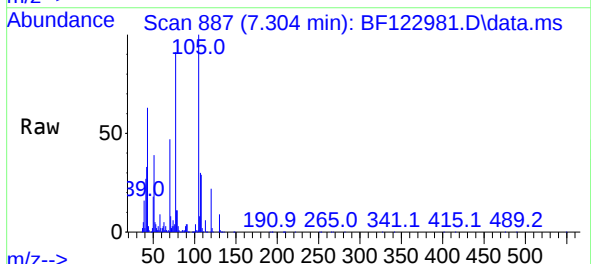
Tgt Ion:136 Resp: 967610
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.0 5.5 8.3#
68 7.3 4.6 6.8#

Manual Integrations
APPROVED

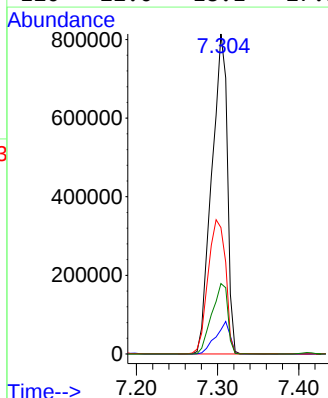
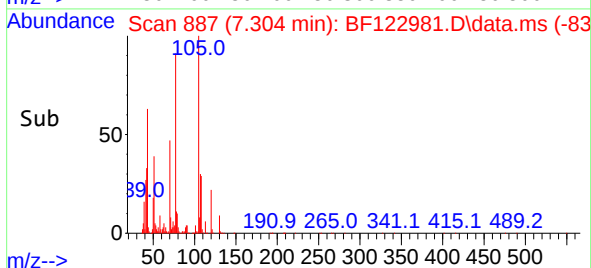
mohammad
1/20/2021 2:15:08 PM

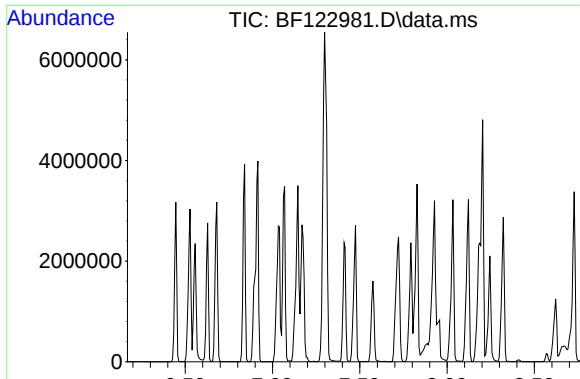


#22
Acetophenone
Concen: 44.52 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



Tgt Ion:105 Resp: 1083321
Ion Ratio Lower Upper
105 100
71 7.5 6.5 9.7
51 39.5 24.3 36.5#
120 22.0 18.1 27.1





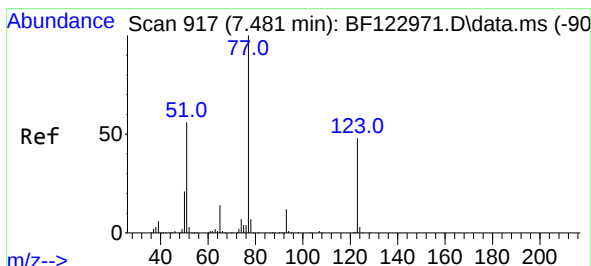
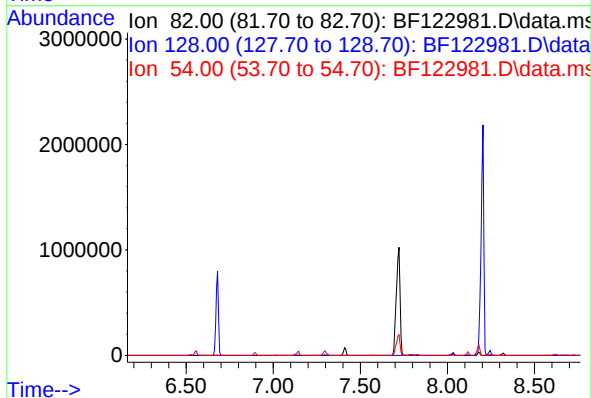
#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.46 min
 Lab File: BF122981.D
 Acq: 18 Jan 2021 10:50

Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 46.2
 54 48.0

Instrument :
 BNA_F
 ClientSampleId :
 SP5424

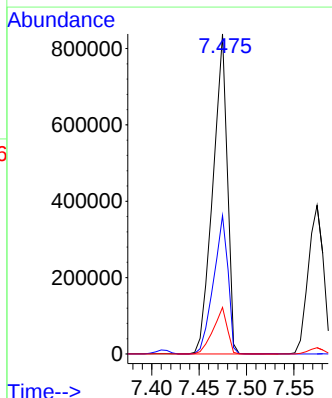
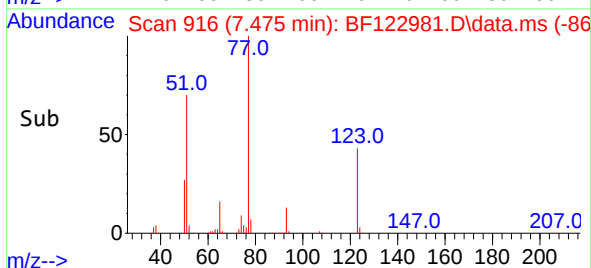
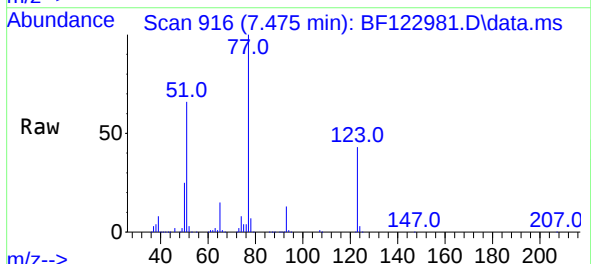
Manual Integrations
 APPROVED

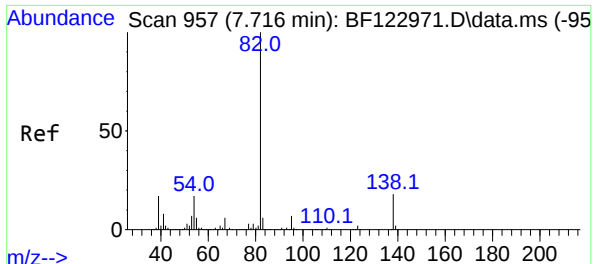
mohammad
 1/20/2021 2:15:08 PM



#24
 Nitrobenzene
 Concen: 46.01 ng
 RT: 7.475 min Scan# 916
 Delta R.T. -0.006 min
 Lab File: BF122981.D
 Acq: 18 Jan 2021 10:50

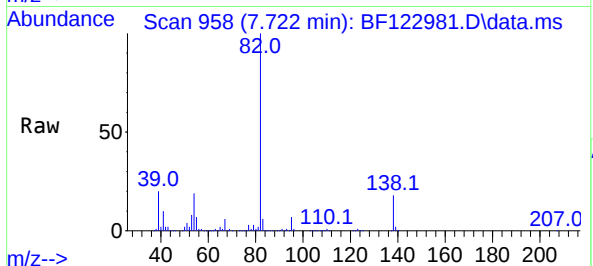
Tgt Ion: 77 Resp: 886597
 Ion Ratio Lower Upper
 77 100
 123 43.2 39.3 58.9
 65 14.5 10.6 15.8





#25
Isophorone
Concen: 45.55 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

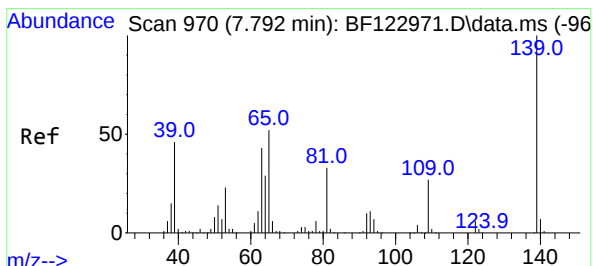
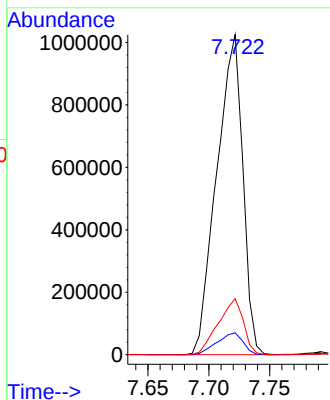
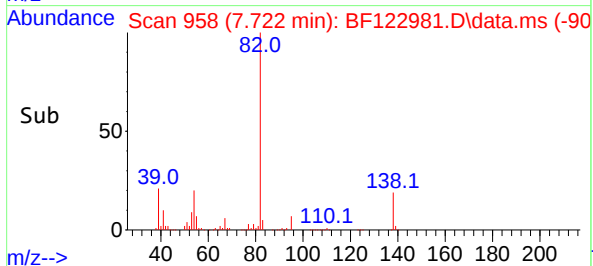
Instrument :
BNA_F
ClientSampled :
SP5424



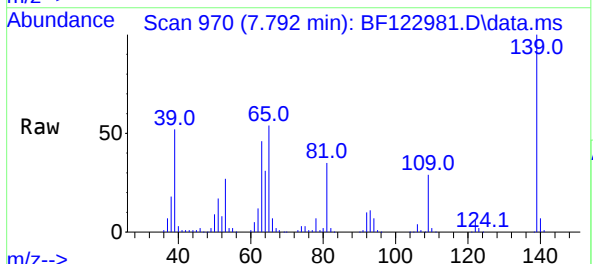
Tgt Ion: 82 Resp: 1528291
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 17.5 14.6 21.8

Manual Integrations
APPROVED

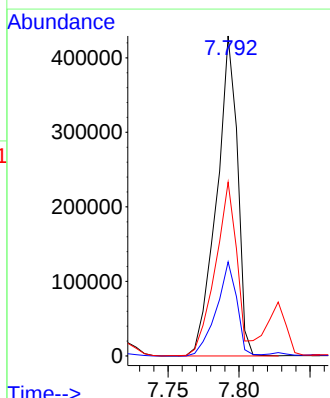
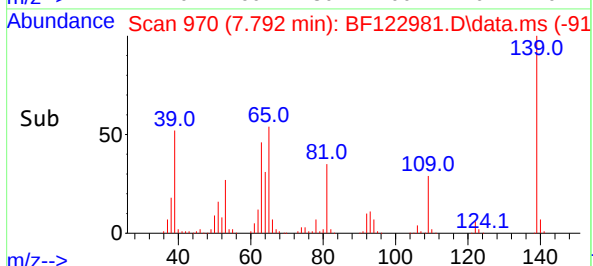
mohammad
1/20/2021 2:15:08 PM

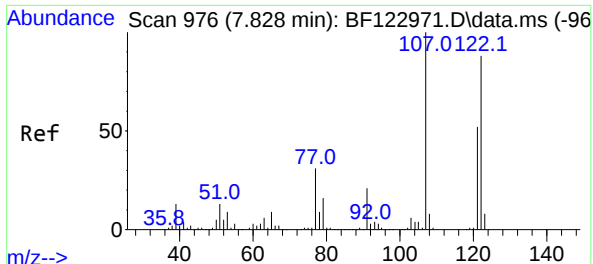


#26
2-Nitrophenol
Concen: 50.26 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

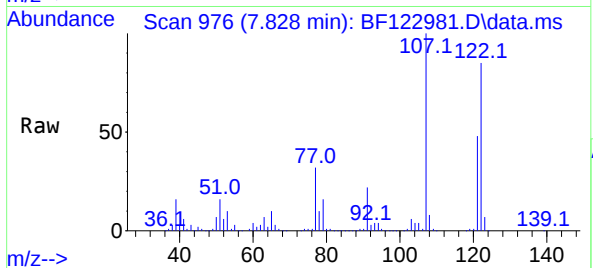


Tgt Ion: 139 Resp: 437572
Ion Ratio Lower Upper
139 100
109 29.4 24.0 36.0
65 54.3 40.9 61.3

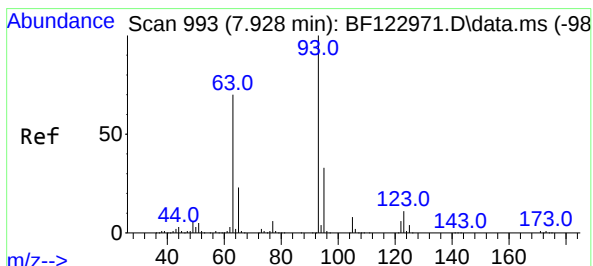
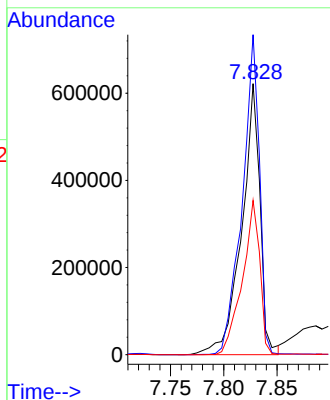
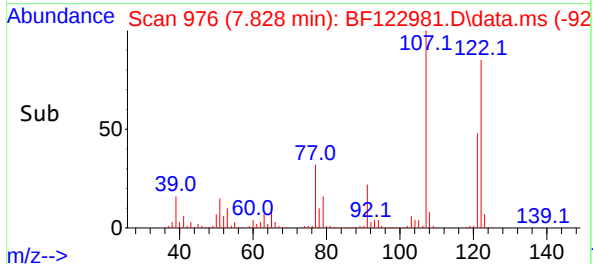




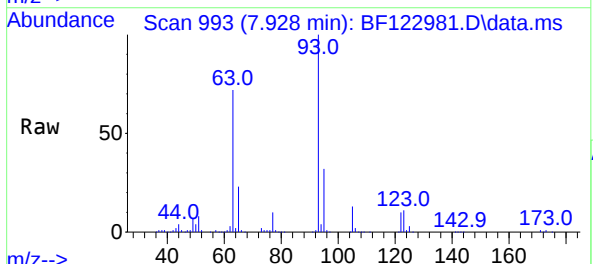
#27
2,4-Dimethylphenol
Concen: 53.66 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



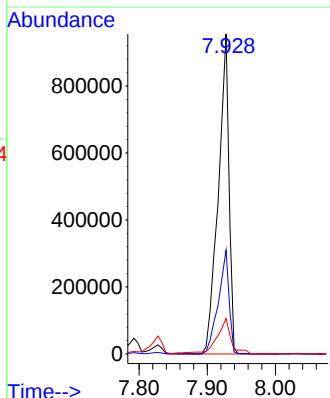
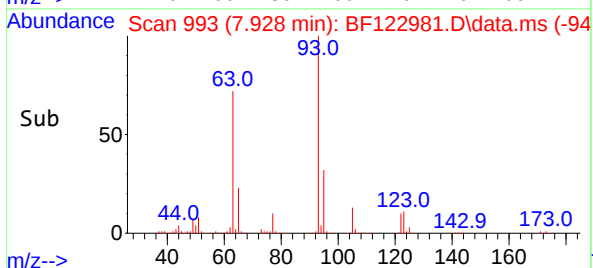
Tgt Ion:122 Resp: 743868
Ion Ratio Lower Upper
122 100
107 118.1 91.8 137.8
121 56.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 46.20 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



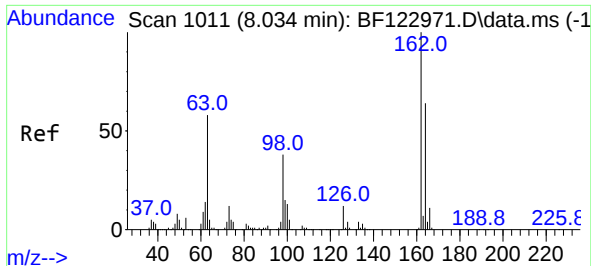
Tgt Ion: 93 Resp: 1047842
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 11.1 9.2 13.8



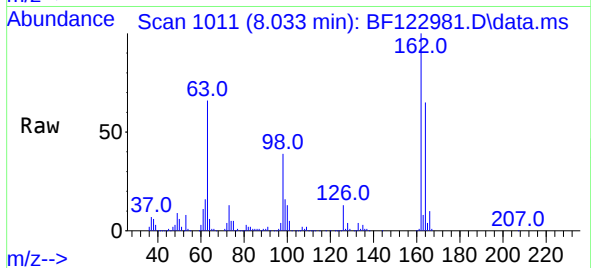
Instrument :
BNA_F
ClientSampleId :
SP5424

Manual Integrations
APPROVED

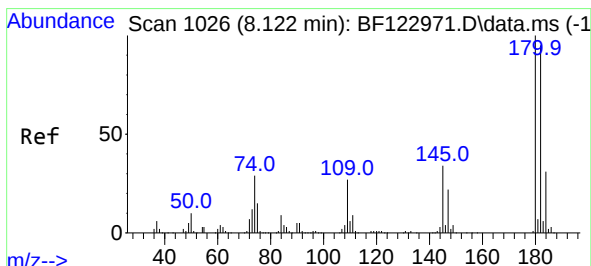
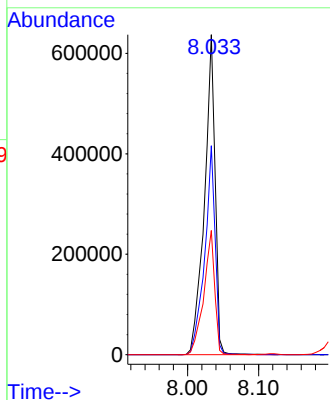
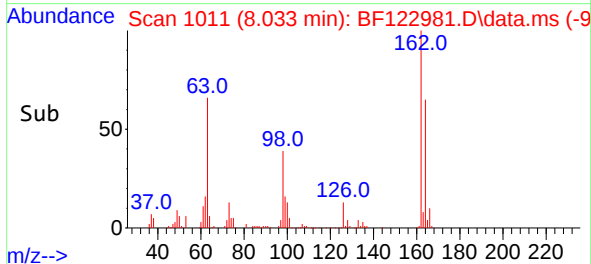
mohammad
1/20/2021 2:15:08 PM



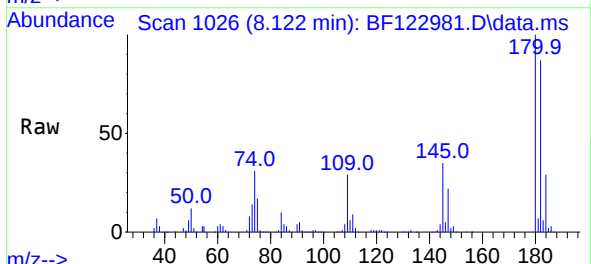
#29
2,4-Dichlorophenol
Concen: 46.41 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



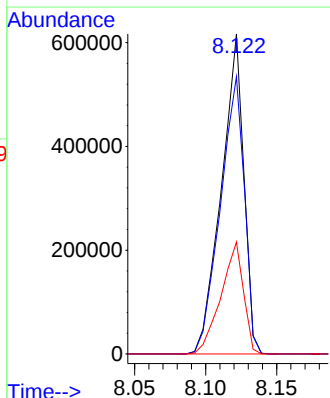
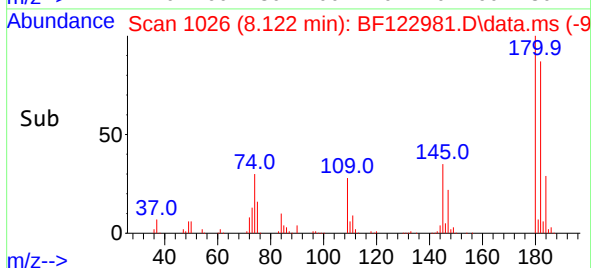
Tgt Ion:162 Resp: 671680
Ion Ratio Lower Upper
162 100
164 65.3 43.2 83.2
98 38.8 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 43.89 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



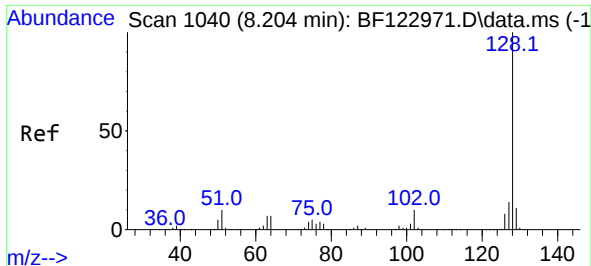
Tgt Ion:180 Resp: 676695
Ion Ratio Lower Upper
180 100
182 86.6 75.7 113.5
145 35.0 25.0 37.4



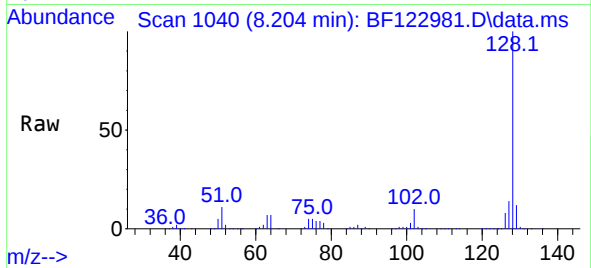
Instrument :
BNA_F
ClientSampleId :
SP5424

Manual Integrations
APPROVED

mohammad
1/20/2021 2:15:08 PM

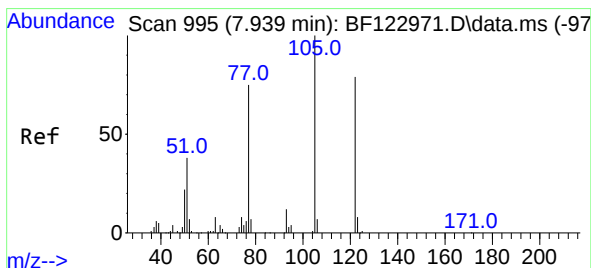
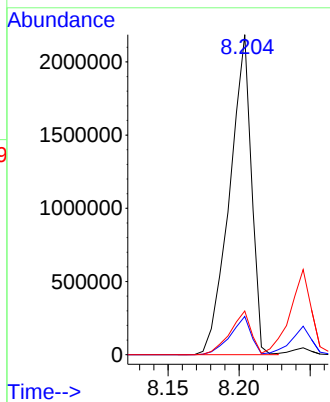
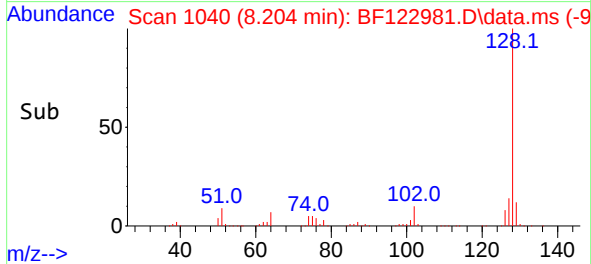


#31
Naphthalene
Concen: 46.88 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

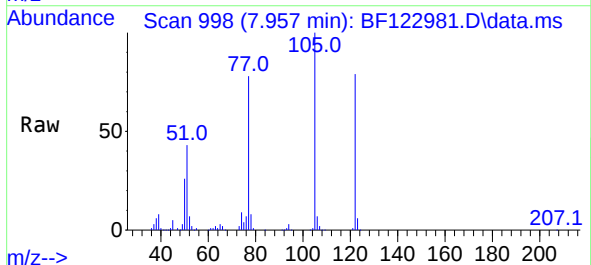


Tgt Ion:128 Resp: 2332112

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	13.7	10.7	16.1

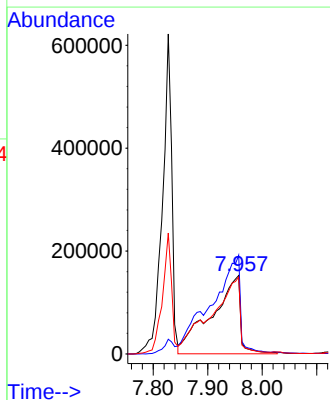
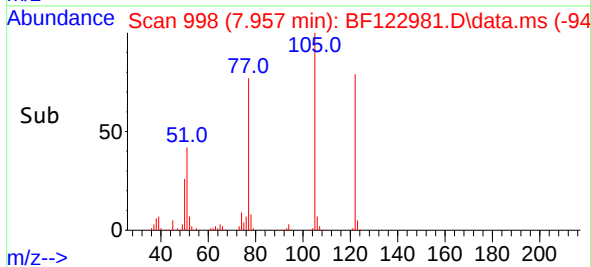


#32
Benzoic acid
Concen: 48.70 ng m
RT: 7.957 min Scan# 998
Delta R.T. 0.018 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



Tgt Ion:122 Resp: 567221

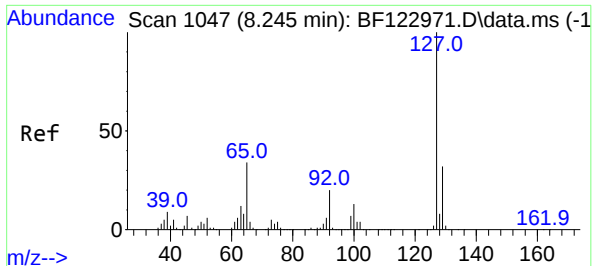
Ion	Ratio	Lower	Upper
122	100		
105	125.9	104.8	144.8
77	98.0	71.0	111.0



Instrument :
BNA_F
ClientSampleId :
SP5424

Manual Integrations
APPROVED

mohammad
1/20/2021 2:15:08 PM



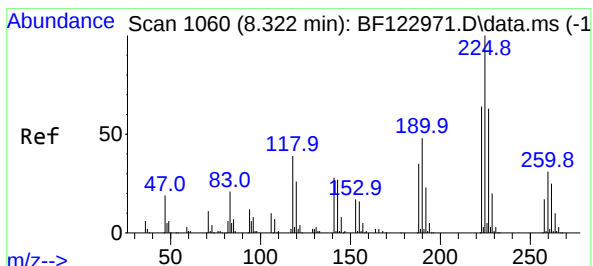
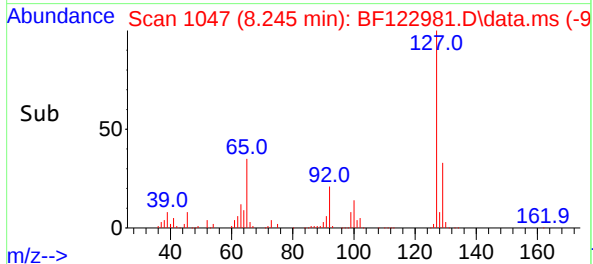
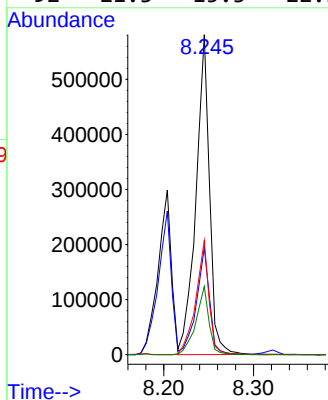
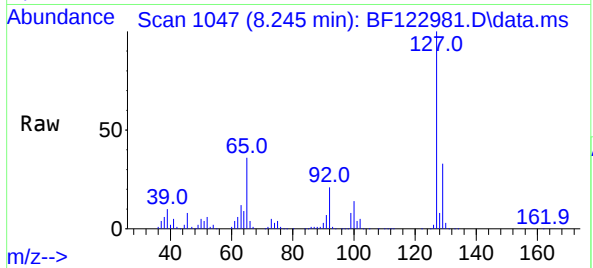
#33
4-Chloroaniline
Concen: 28.24 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Instrument :
BNA_F
ClientSampled :
SP5424

Tgt Ion:	127	Resp:	612920
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.2
65	35.7	22.2	33.2#
92	21.3	15.3	22.9

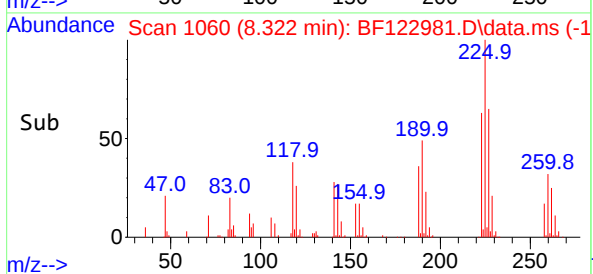
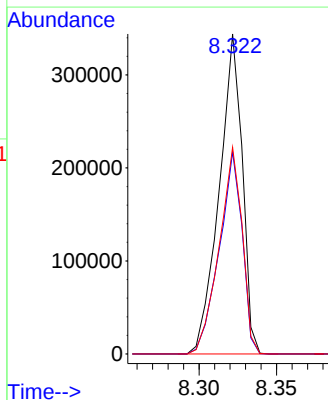
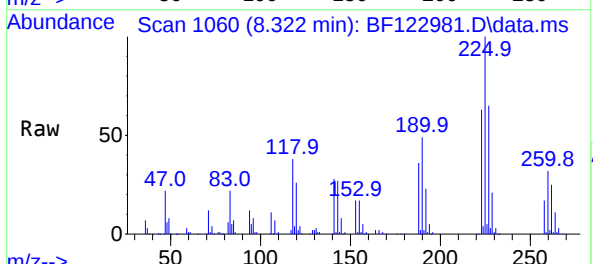
Manual Integrations
APPROVED

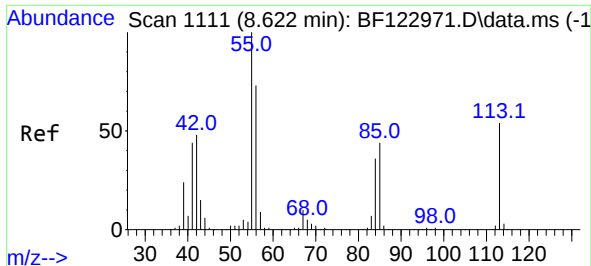
mohammad
1/20/2021 2:15:08 PM



#34
Hexachlorobutadiene
Concen: 42.24 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:	225	Resp:	355984
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	64.6	51.7	77.5





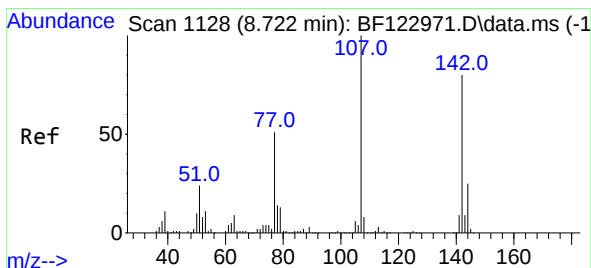
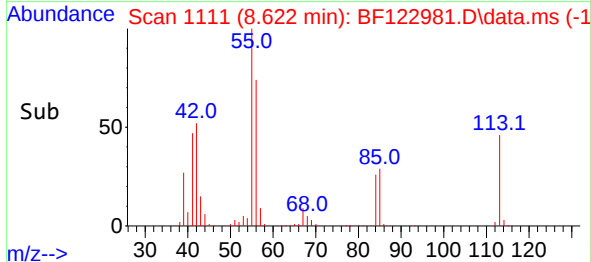
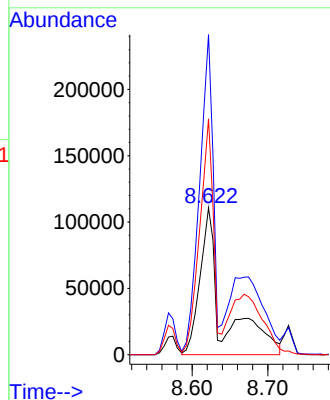
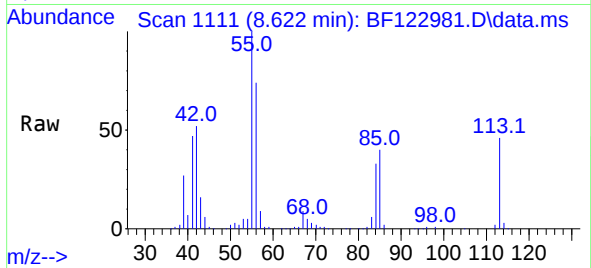
#35
Caprolactam
Concen: 47.24 ng m
RT: 8.622 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:113 Resp: 232397
Ion Ratio Lower Upper
113 100
55 217.8 133.7 173.7#
56 160.5 95.3 135.3#

Instrument :
BNA_F
ClientSampleId :
SP5424

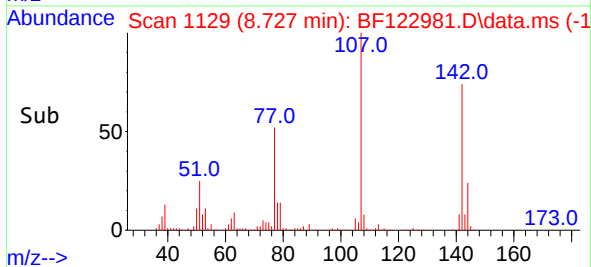
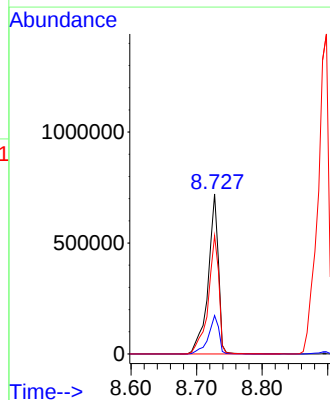
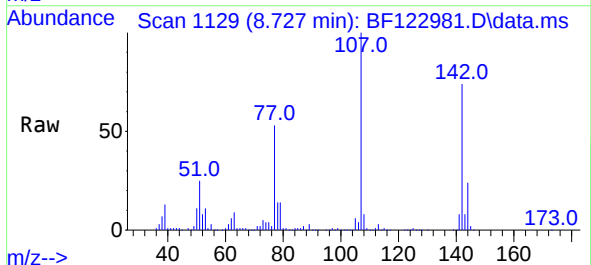
Manual Integrations
APPROVED

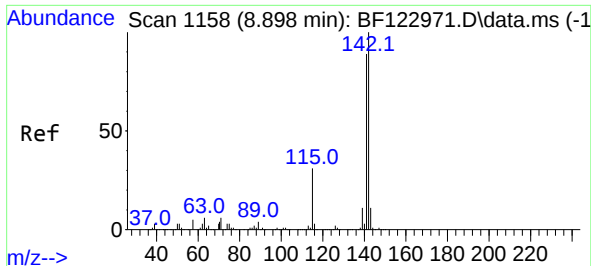
mohammad
1/20/2021 2:15:08 PM



#36
4-Chloro-3-methylphenol
Concen: 51.19 ng
RT: 8.727 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:107 Resp: 788094
Ion Ratio Lower Upper
107 100
144 24.0 20.2 30.2
142 73.8 64.4 96.6





#37
2-Methylnaphthalene
Concen: 48.60 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

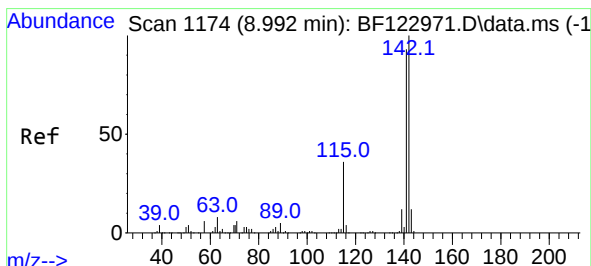
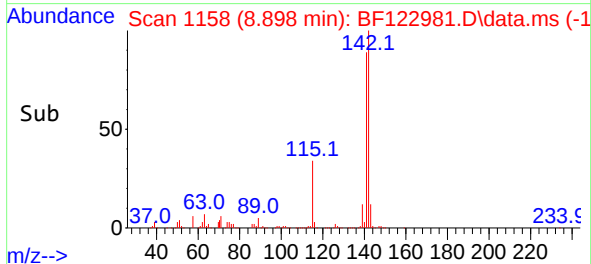
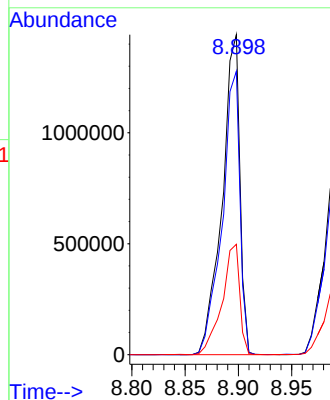
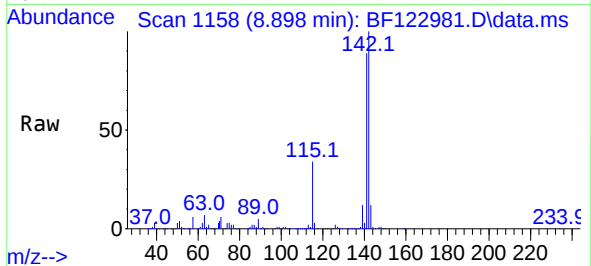
Tgt Ion:142 Resp: 1667668

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	106.0
115	34.5	28.7	43.1

Instrument :
BNA_F
ClientSampled :
SP5424

Manual Integrations
APPROVED

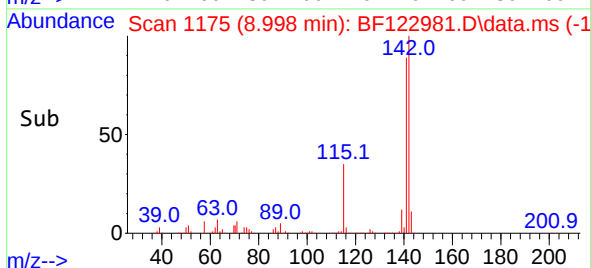
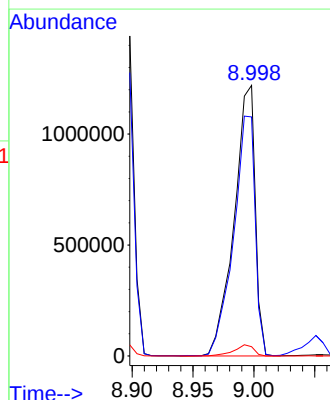
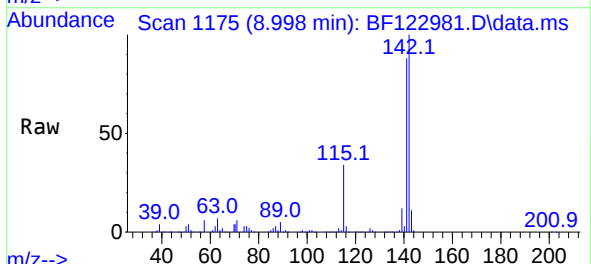
mohammad
1/20/2021 2:15:08 PM

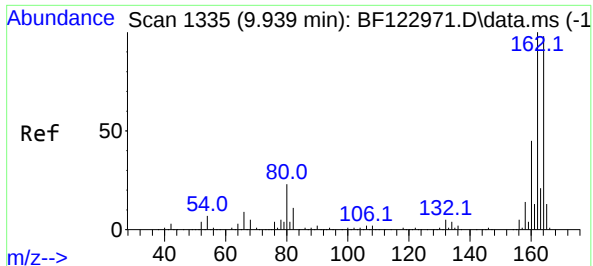


#38
1-Methylnaphthalene
Concen: 45.36 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:142 Resp: 1470087

Ion	Ratio	Lower	Upper
142	100		
141	88.4	74.5	111.7
116	3.4	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF122981.D

Acq: 18 Jan 2021 10:50

Tgt Ion:164 Resp: 504608

Ion Ratio Lower Upper

164 100

162 103.5 80.8 121.2

160 46.3 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

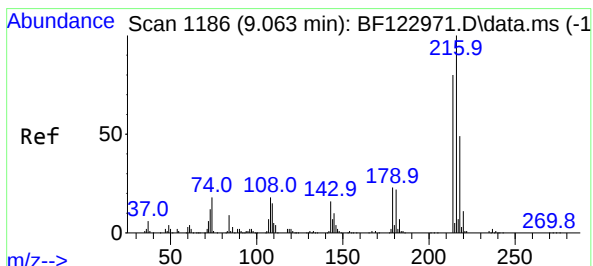
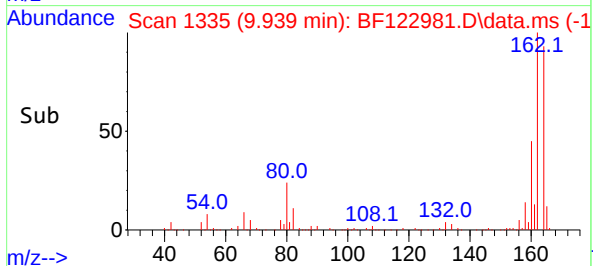
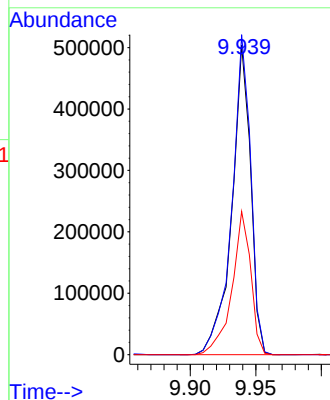
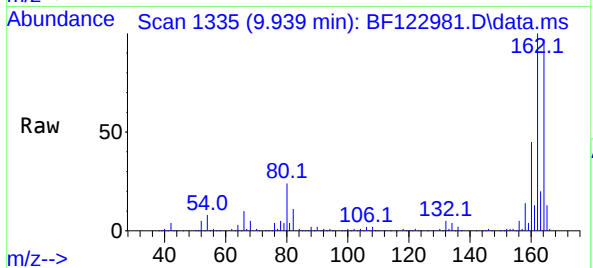
SP5424

Manual Integrations

APPROVED

mohammad

1/20/2021 2:15:08 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.24 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF122981.D

Acq: 18 Jan 2021 10:50

Tgt Ion:216 Resp: 515833

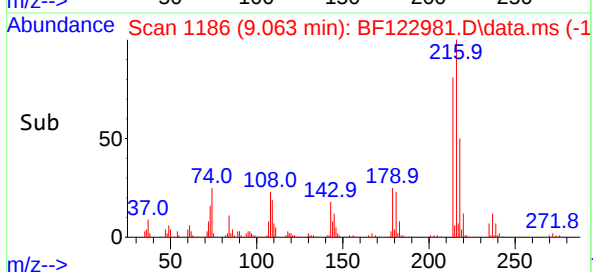
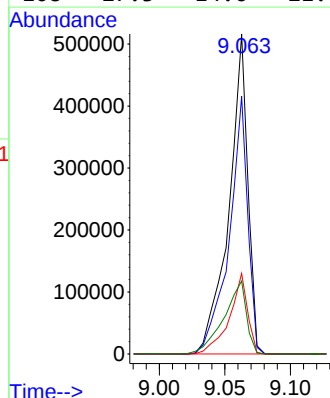
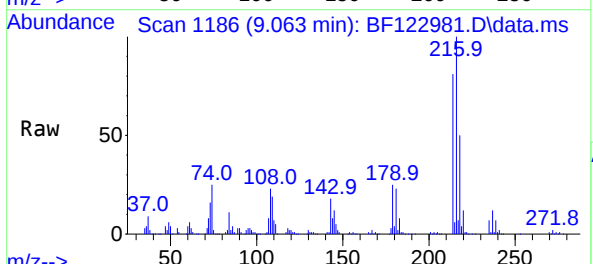
Ion Ratio Lower Upper

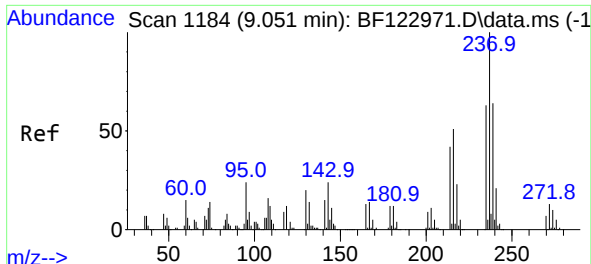
216 100

214 79.3 63.1 94.7

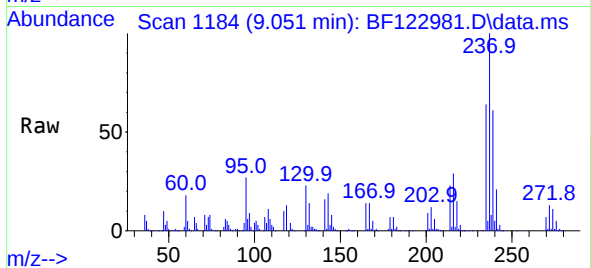
179 24.3 17.1 25.7

108 27.3 14.6 21.8#

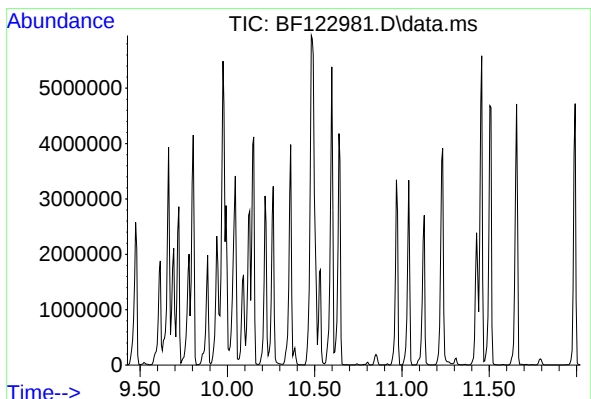
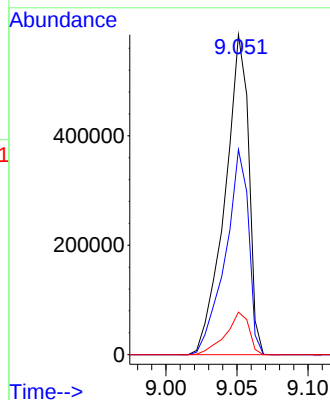
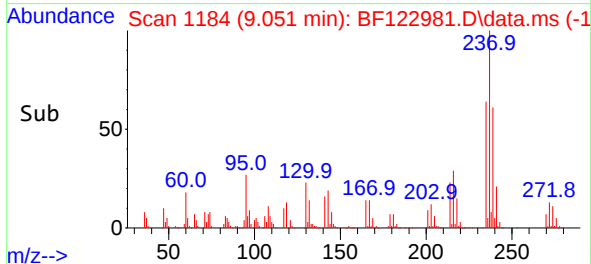




#41
Hexachlorocyclopentadiene
Concen: 101.31 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



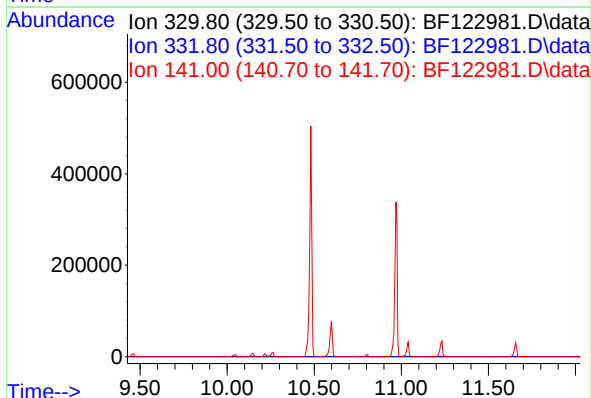
Tgt Ion: 237 Resp: 681756
Ion Ratio Lower Upper
237 100
235 64.1 40.9 80.9
272 13.3 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.73 min

Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

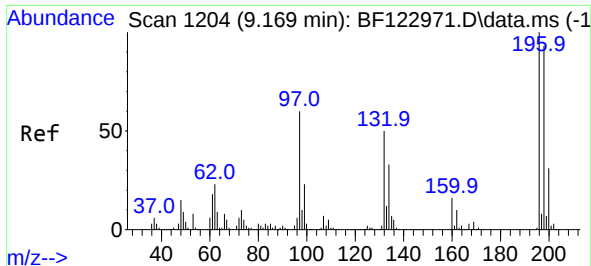
Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.9
141 29.8



Instrument :
BNA_F
ClientSampled :
SP5424

Manual Integrations
APPROVED

mohammad
1/20/2021 2:15:08 PM



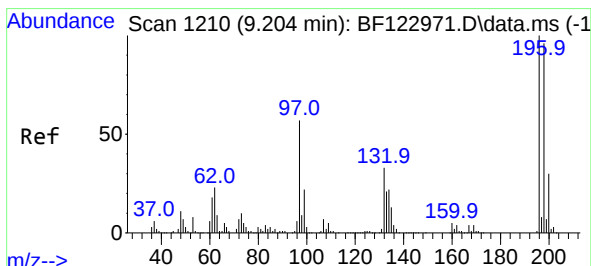
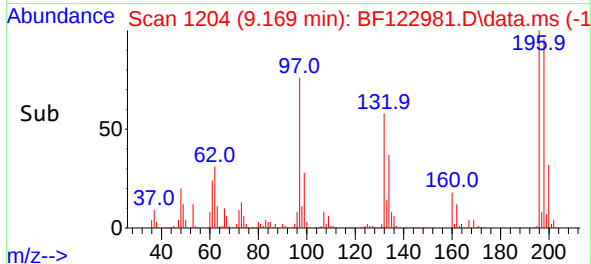
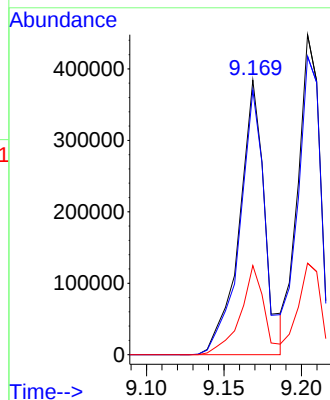
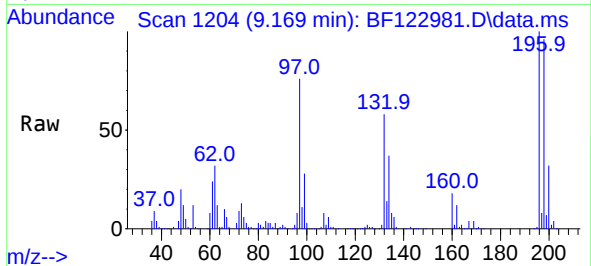
#43
2,4,6-Trichlorophenol
Concen: 42.39 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:196 Resp: 437736
Ion Ratio Lower Upper
196 100
198 96.4 75.1 112.7
200 32.5 23.7 35.5

Instrument :
BNA_F
ClientSampled :
SP5424

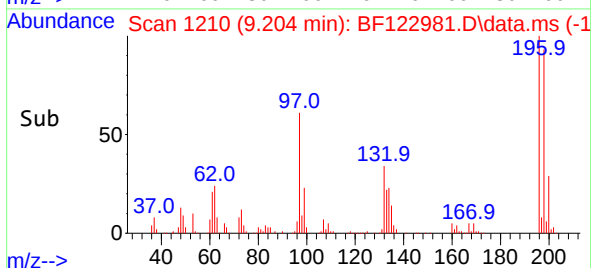
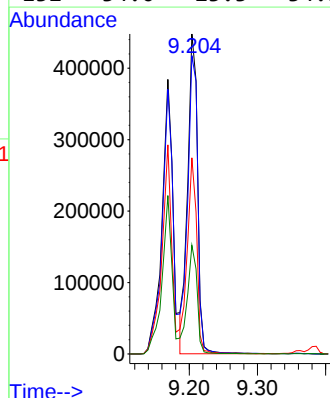
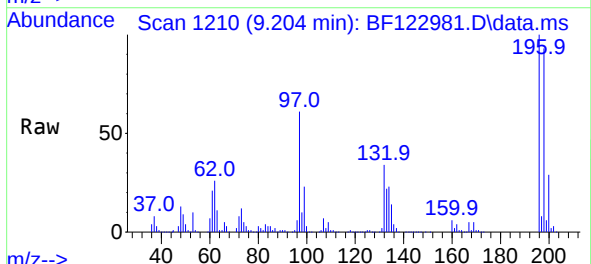
Manual Integrations
APPROVED

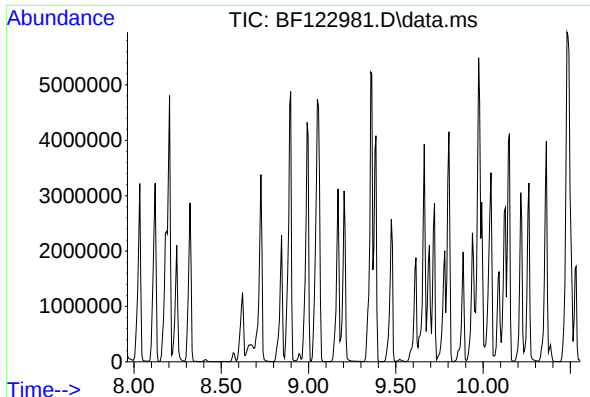
mohammad
1/20/2021 2:15:08 PM



#44
2,4,5-Trichlorophenol
Concen: 43.07 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:196 Resp: 451274
Ion Ratio Lower Upper
196 100
198 93.3 76.5 114.7
97 61.3 40.1 60.1#
132 34.0 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.26 min

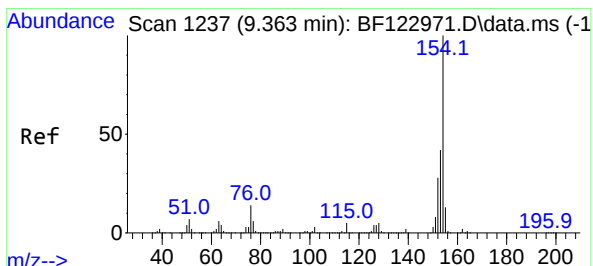
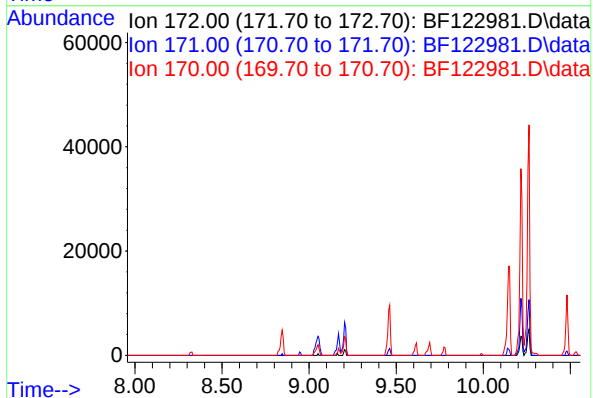
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion: 172
Sig Exp Ratio
172 100
171 37.0
170 24.4

Instrument :
BNA_F
ClientSampleId :
SP5424

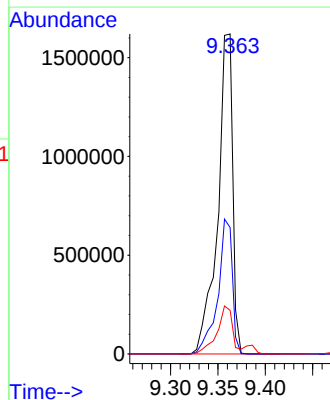
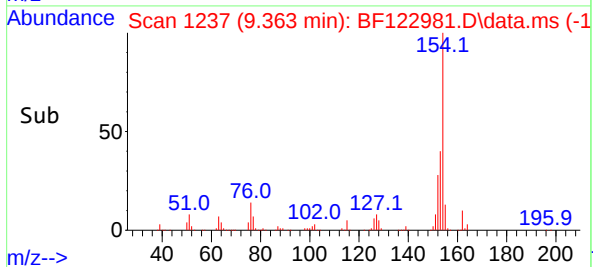
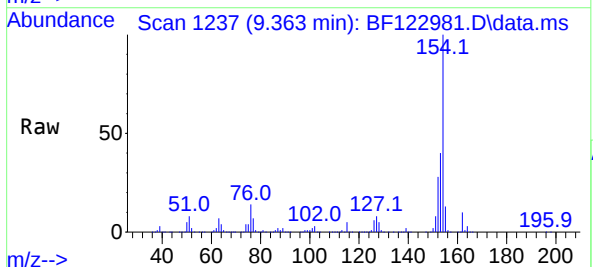
Manual Integrations
APPROVED

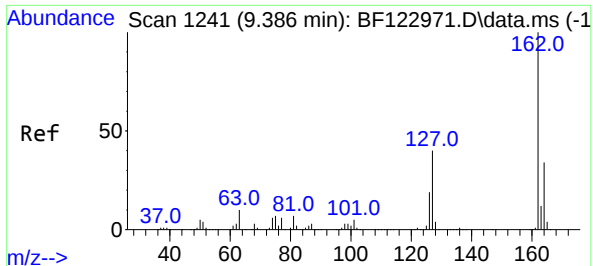
mohammad
1/20/2021 2:15:08 PM



#46
1,1'-Biphenyl
Concen: 43.37 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

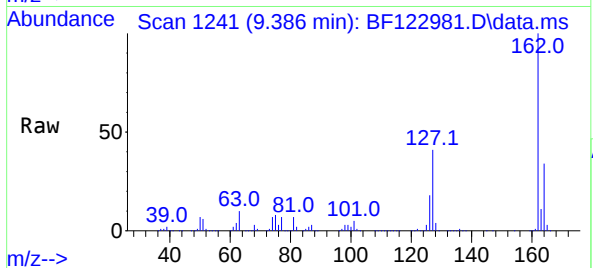
Tgt Ion: 154 Resp: 1779972
Ion Ratio Lower Upper
154 100
153 39.5 21.8 61.8
76 13.6 0.0 33.4





#47
2-Chloronaphthalene
Concen: 40.68 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

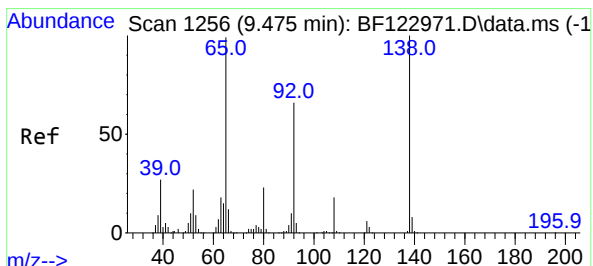
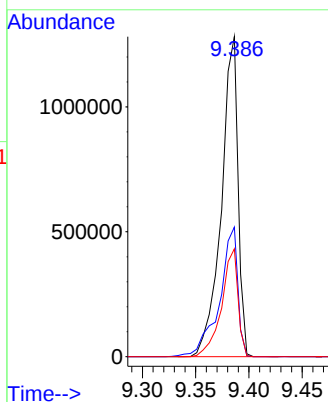
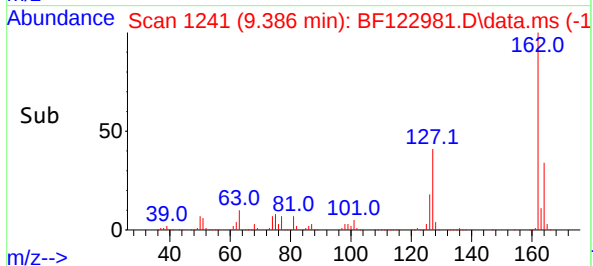
Instrument :
BNA_F
ClientSampled :
SP5424



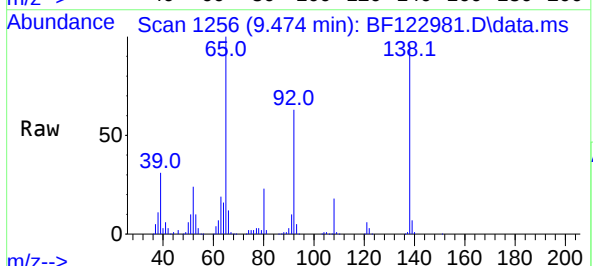
Tgt Ion:162 Resp: 1392849
Ion Ratio Lower Upper
162 100
127 40.5 33.8 50.8
164 33.7 26.5 39.7

Manual Integrations
APPROVED

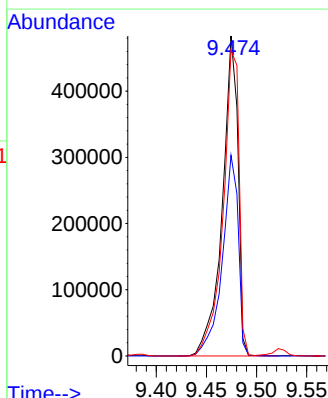
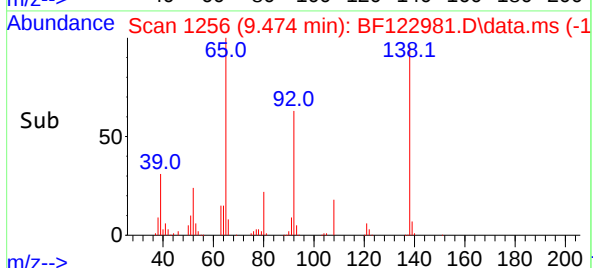
mohammad
1/20/2021 2:15:08 PM

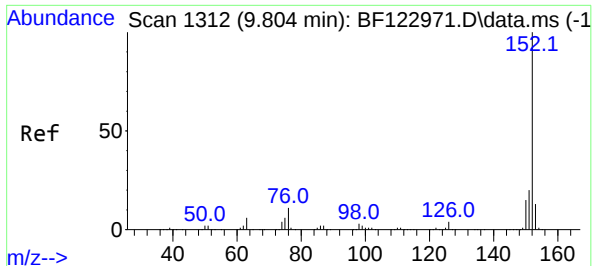


#48
2-Nitroaniline
Concen: 44.90 ng
RT: 9.474 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



Tgt Ion: 65 Resp: 524010
Ion Ratio Lower Upper
65 100
92 62.7 60.0 90.0
138 95.5 100.6 151.0#





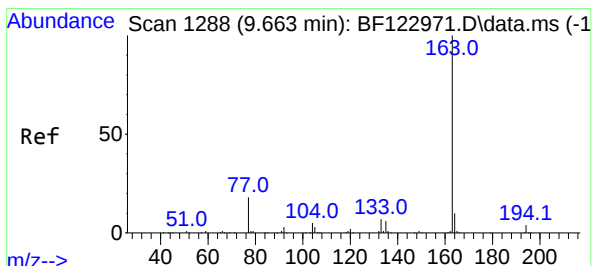
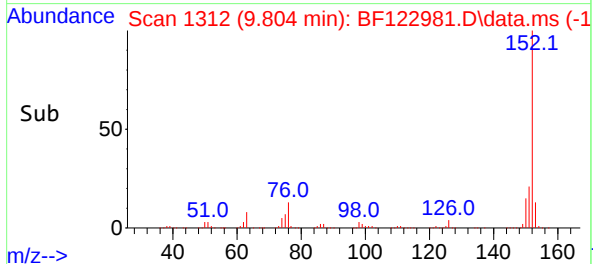
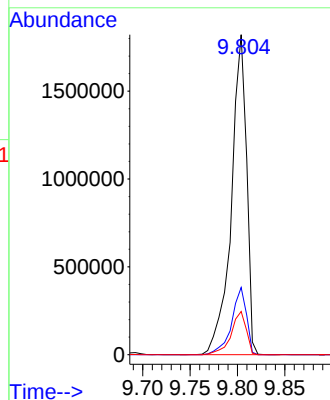
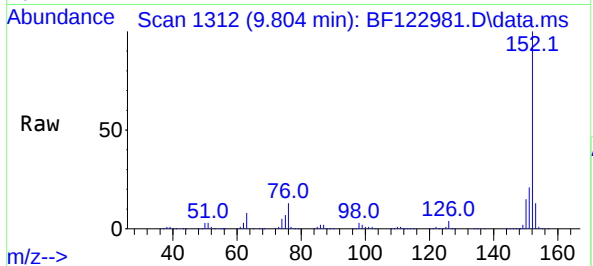
#49
Acenaphthylene
Concen: 40.92 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:152 Resp: 2044101
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0
153 13.5 10.9 16.3

Instrument :
BNA_F
ClientSampleId :
SP5424

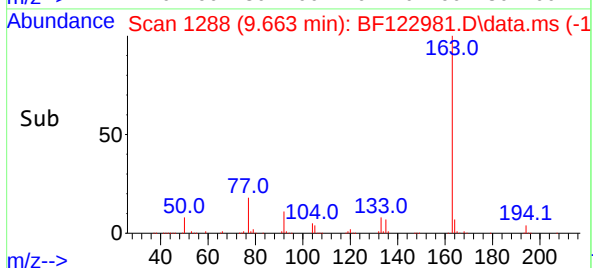
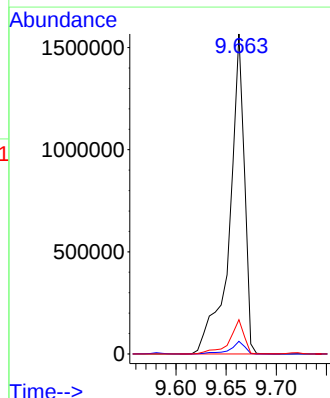
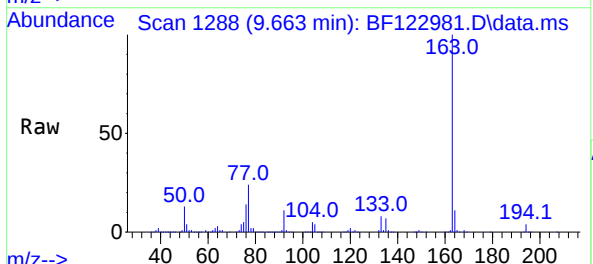
Manual Integrations
APPROVED

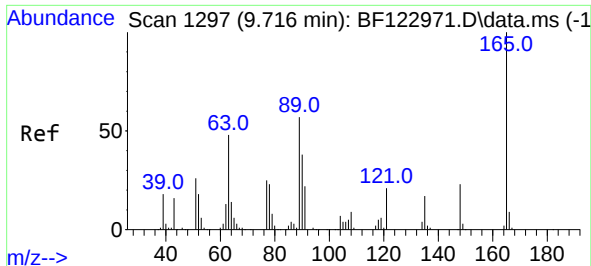
mohammad
1/20/2021 2:15:08 PM



#50
Dimethylphthalate
Concen: 40.96 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:163 Resp: 1604456
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.7 8.1 12.1





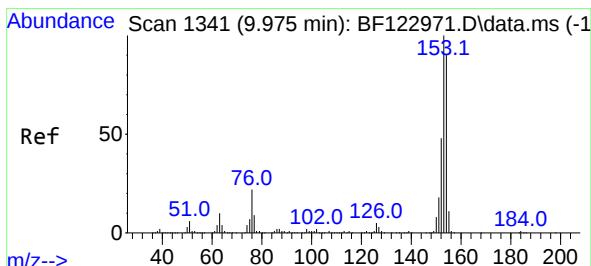
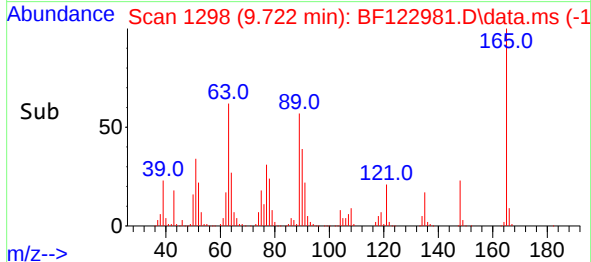
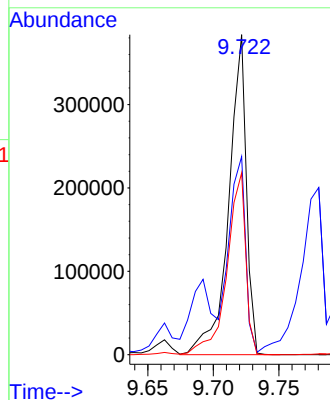
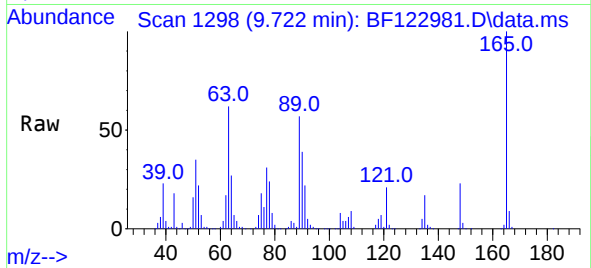
#51
2,6-Dinitrotoluene
Concen: 42.06 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:165 Resp: 360283
Ion Ratio Lower Upper
165 100
63 61.9 36.6 55.0#
89 56.8 39.4 59.0

Instrument :
BNA_F
ClientSampled :
SP5424

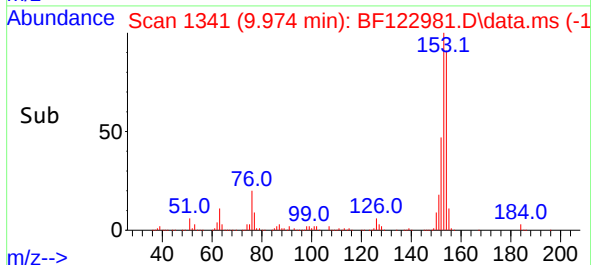
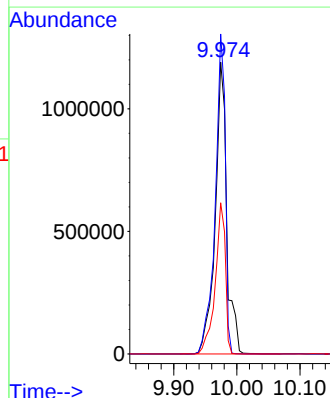
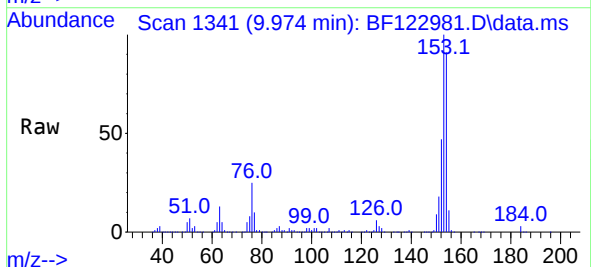
Manual Integrations
APPROVED

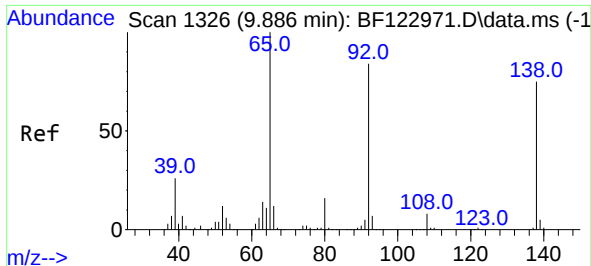
mohammad
1/20/2021 2:15:08 PM



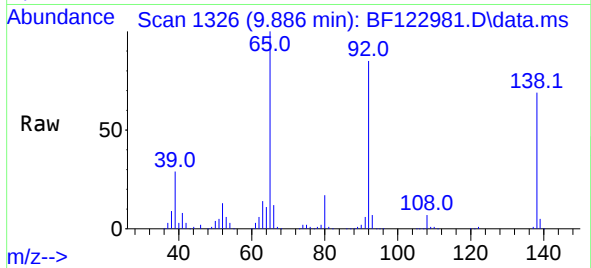
#52
Acenaphthene
Concen: 46.74 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:154 Resp: 1509147
Ion Ratio Lower Upper
154 100
153 109.6 89.0 133.6
152 51.8 42.7 64.1

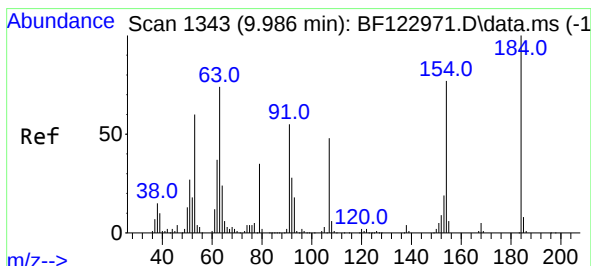
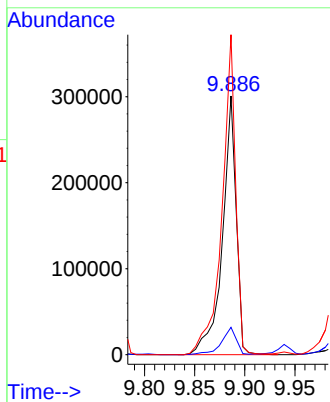
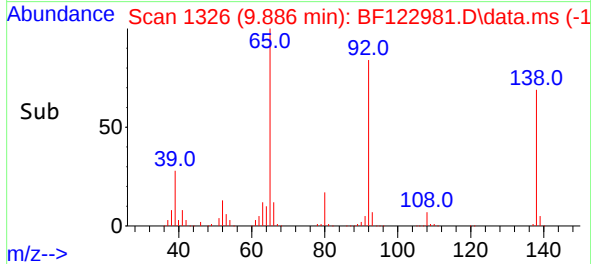




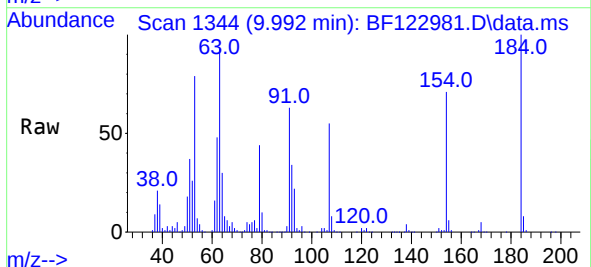
#53
3-Nitroaniline
Concen: 27.07 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



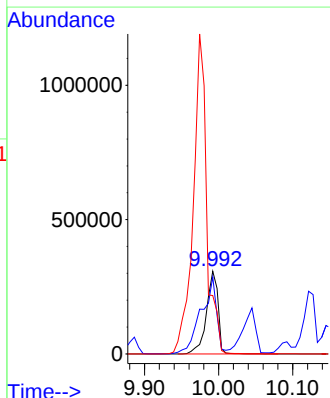
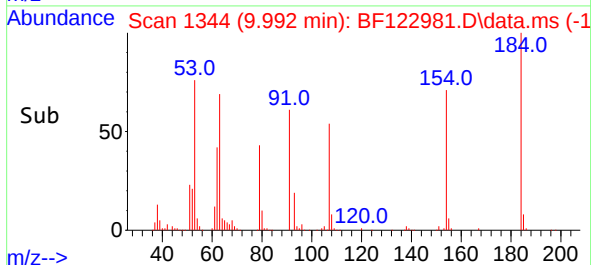
Tgt Ion:138 Resp: 286652
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 123.6 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 70.47 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



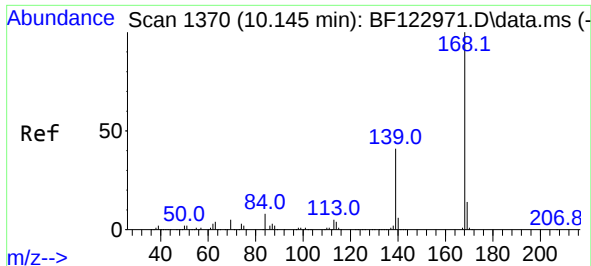
Tgt Ion:184 Resp: 336036
Ion Ratio Lower Upper
184 100
63 93.2 51.4 77.2#
154 70.6 49.7 74.5



Instrument :
BNA_F
ClientSampleId :
SP5424

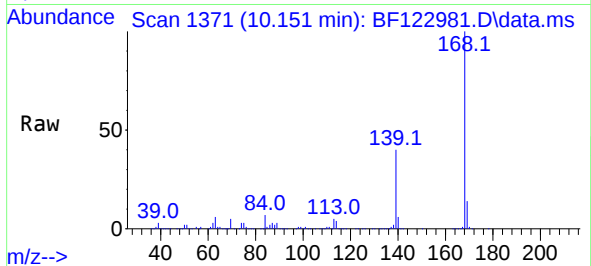
Manual Integrations
APPROVED

mohammad
1/20/2021 2:15:08 PM



#55
Dibenzenofuran
Concen: 41.18 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

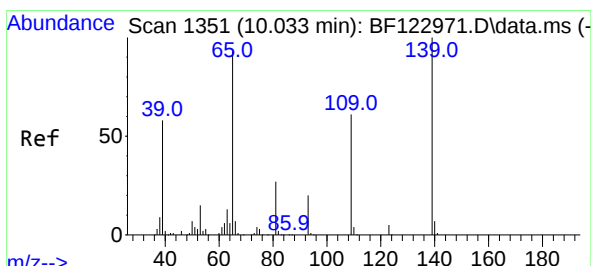
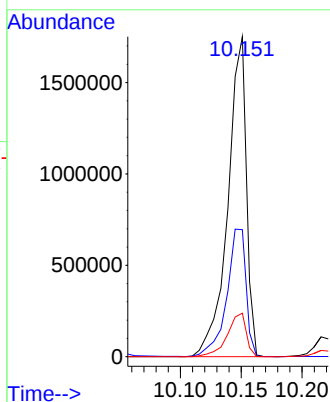
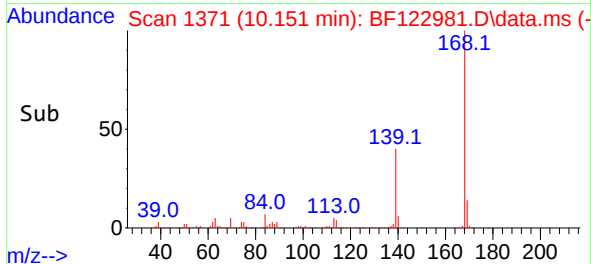
Instrument :
BNA_F
ClientSampled :
SP5424



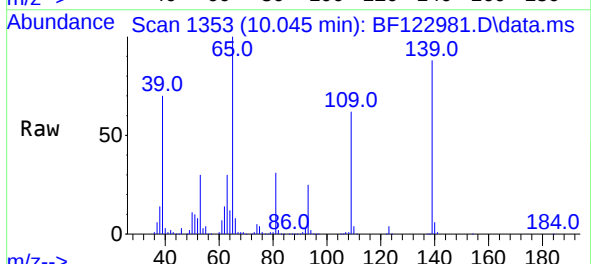
Tgt Ion:168 Resp: 1853371
Ion Ratio Lower Upper
168 100
139 39.7 31.3 46.9
169 13.6 11.2 16.8

Manual Integrations
APPROVED

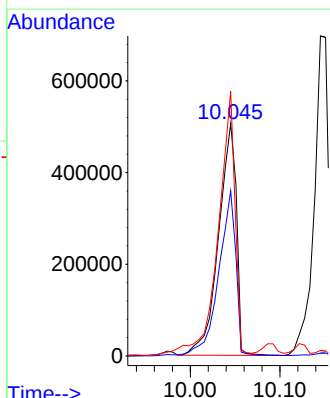
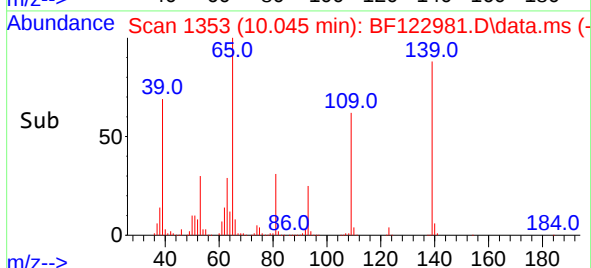
mohammad
1/20/2021 2:15:08 PM

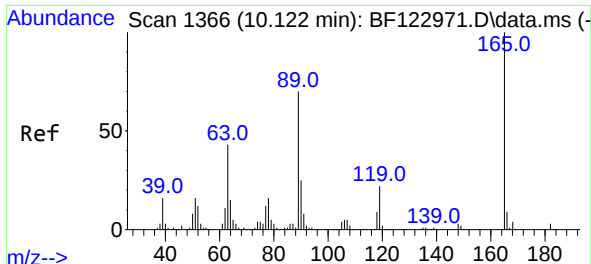


#56
4-Nitrophenol
Concen: 89.15 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



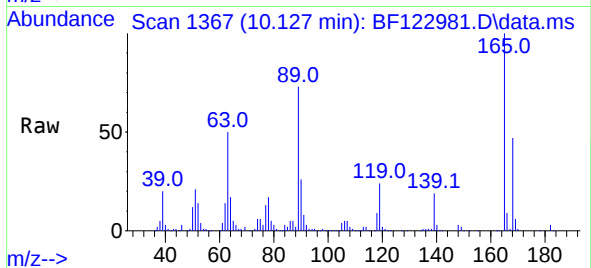
Tgt Ion:139 Resp: 695856
Ion Ratio Lower Upper
139 100
109 71.1 45.1 85.1
65 113.9 59.2 99.2#





#57
2,4-Dinitrotoluene
Concen: 43.30 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

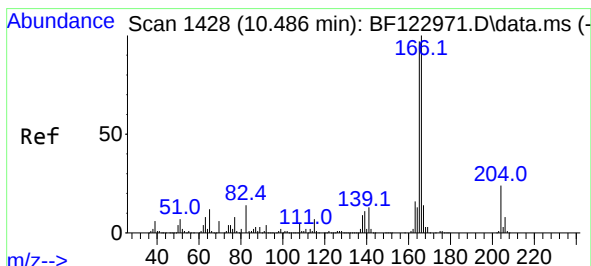
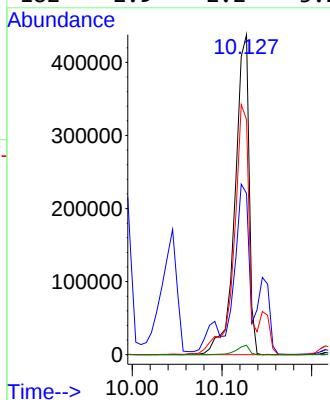
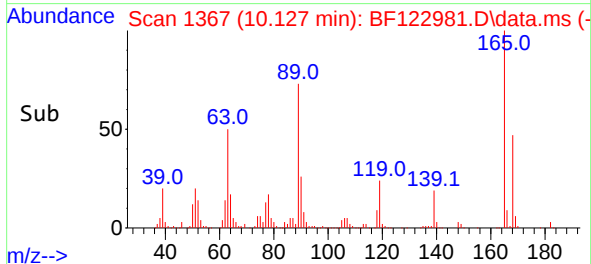
Instrument :
BNA_F
ClientSampled :
SP5424



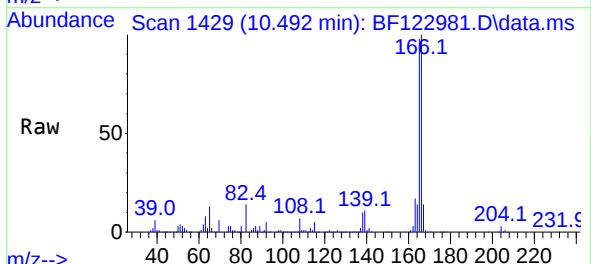
Tgt Ion:165 Resp: 477110
Ion Ratio Lower Upper
165 100
63 50.4 34.3 51.5
89 73.5 55.2 82.8
182 2.9 2.2 3.2

Manual Integrations
APPROVED

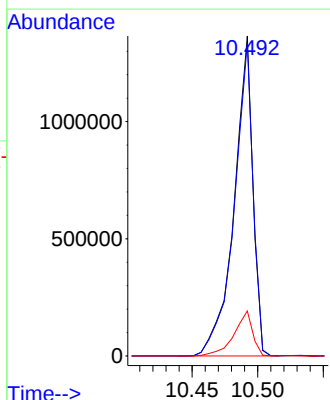
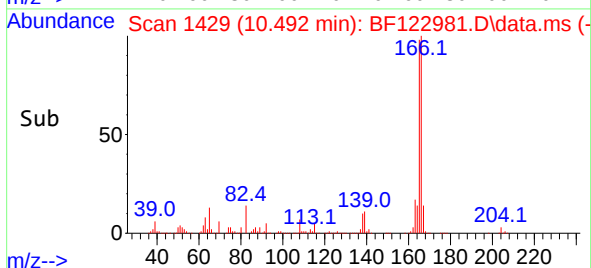
mohammad
1/20/2021 2:15:08 PM

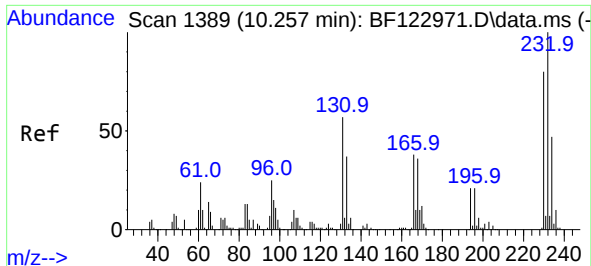


#58
Fluorene
Concen: 38.64 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

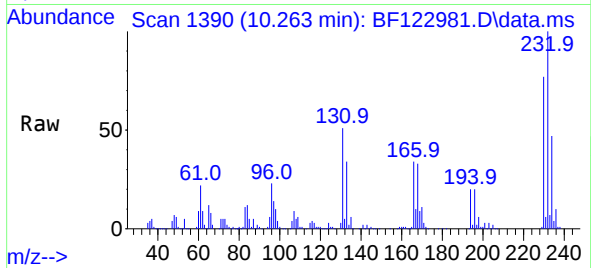


Tgt Ion:166 Resp: 1360161
Ion Ratio Lower Upper
166 100
165 97.8 79.4 119.0
167 14.1 10.9 16.3

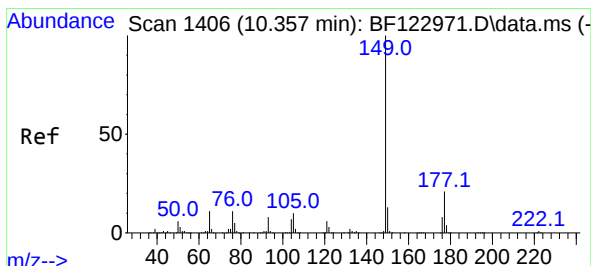
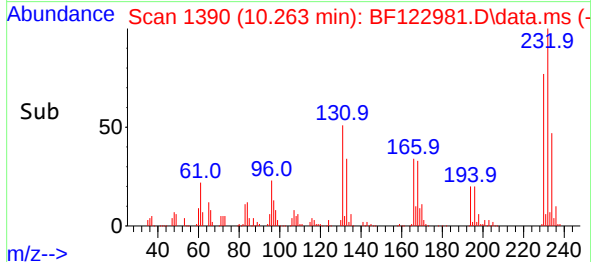
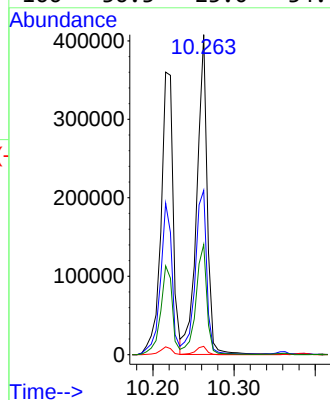




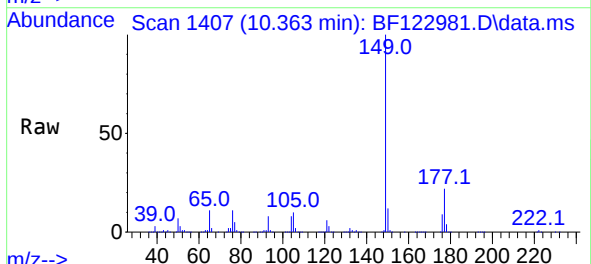
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.53 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



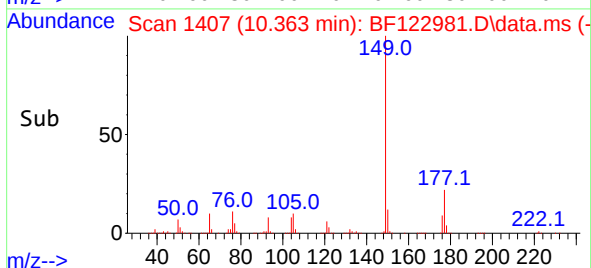
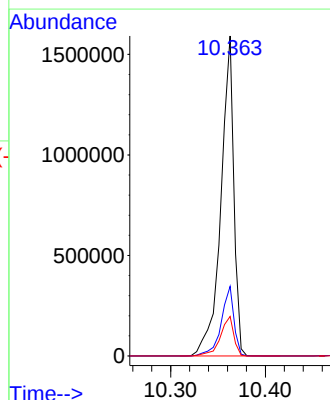
Tgt Ion:232 Resp: 364039
Ion Ratio Lower Upper
232 100
131 56.9 33.0 49.4#
130 2.8 1.7 2.5#
166 36.3 23.0 34.4#



#60
Diethylphthalate
Concen: 39.84 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



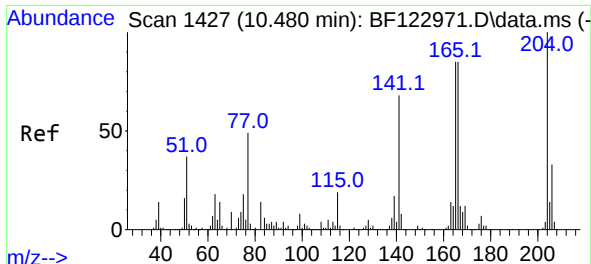
Tgt Ion:149 Resp: 1516574
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.4
150 12.3 10.1 15.1



Instrument :
BNA_F
ClientSampleId :
SP5424

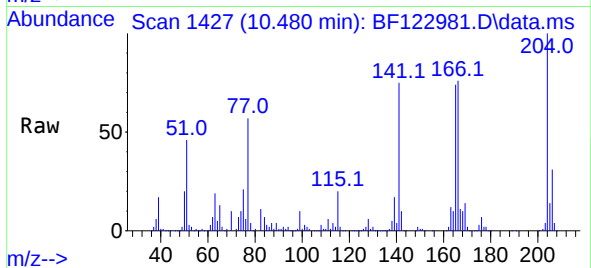
Manual Integrations
APPROVED

mohammad
1/20/2021 2:15:08 PM



#61
4-Chlorophenyl-phenylether
Concen: 38.77 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

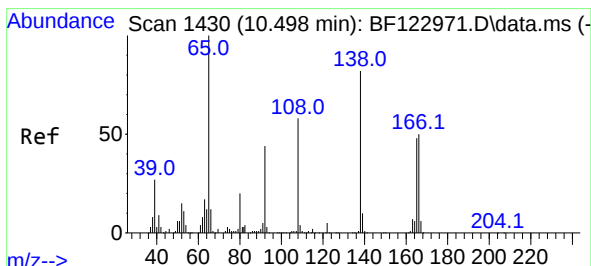
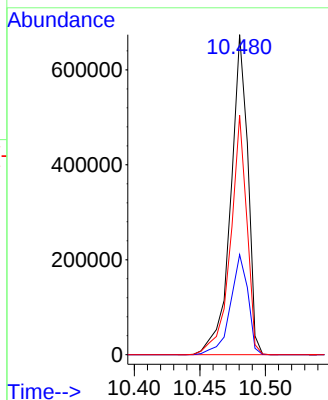
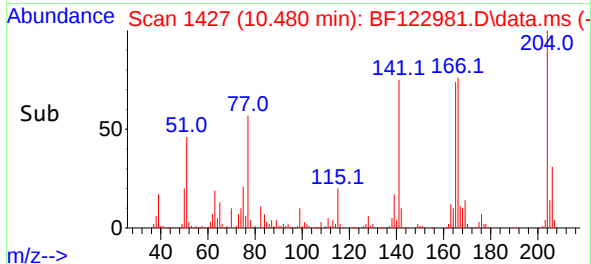
Instrument :
BNA_F
ClientSampled :
SP5424



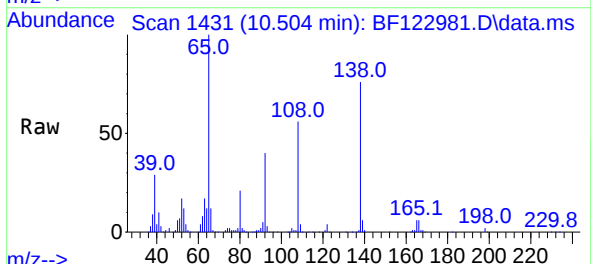
Tgt Ion:204 Resp: 613740
Ion Ratio Lower Upper
204 100
206 31.3 27.0 40.4
141 74.8 50.4 75.6

Manual Integrations
APPROVED

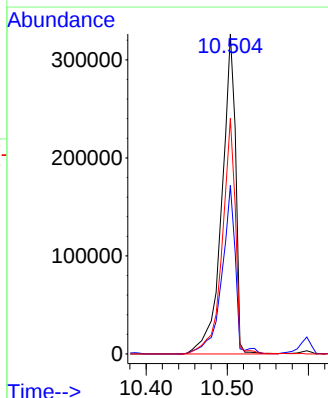
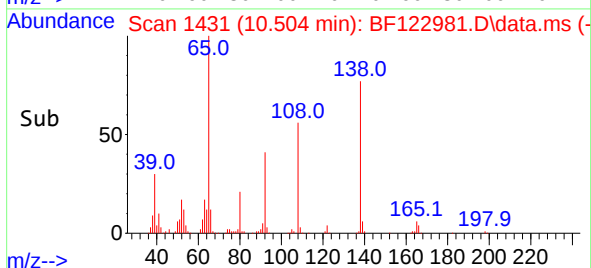
mohammad
1/20/2021 2:15:08 PM

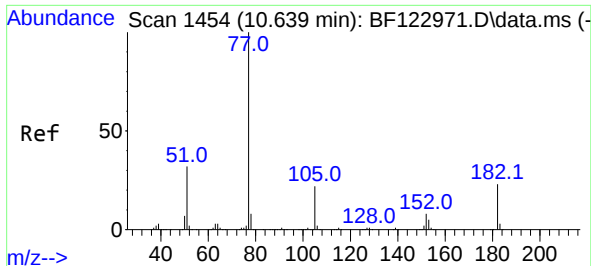


#62
4-Nitroaniline
Concen: 36.93 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

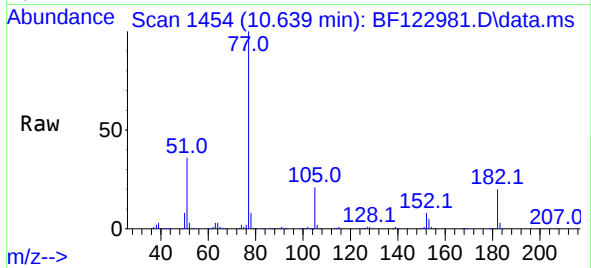


Tgt Ion:138 Resp: 385715
Ion Ratio Lower Upper
138 100
92 52.7 31.0 71.0
108 73.6 54.8 94.8



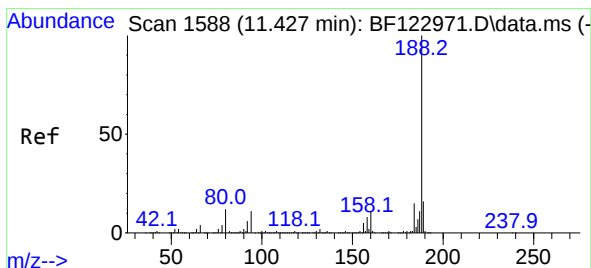
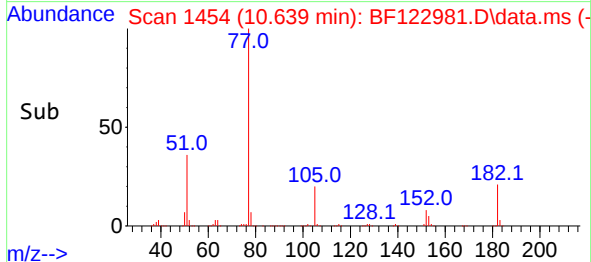
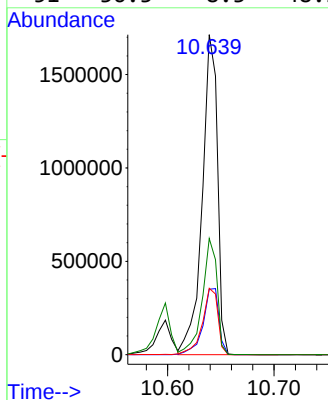


#63
Azobenzene
Concen: 44.92 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

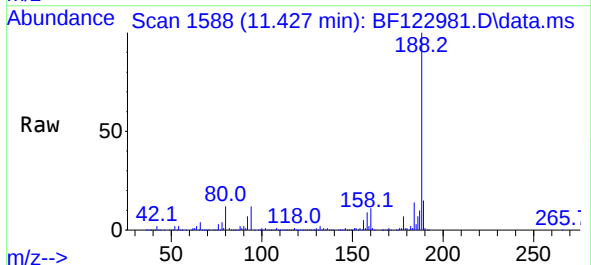


Tgt Ion: 77 Resp: 1710823

Ion	Ratio	Lower	Upper
77	100		
182	20.4	5.6	45.6
105	20.8	1.8	41.8
51	36.3	8.3	48.3

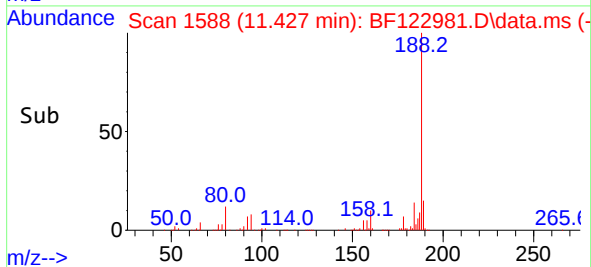
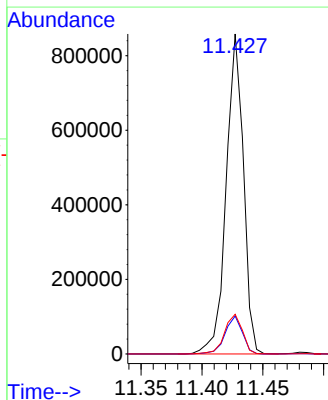


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



Tgt Ion: 188 Resp: 844990

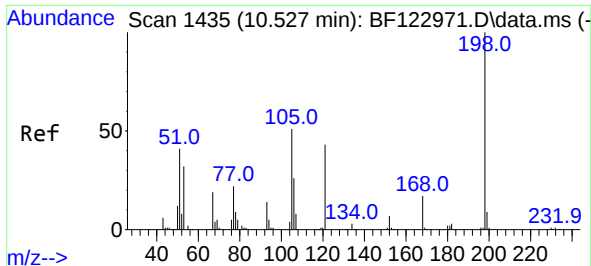
Ion	Ratio	Lower	Upper
188	100		
94	11.8	7.4	11.2#
80	12.4	8.2	12.4#



Instrument :
BNA_F
ClientSampleId :
SP5424

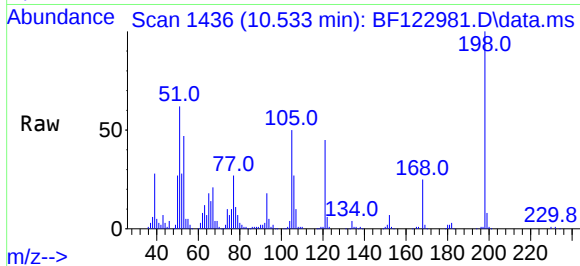
Manual Integrations
APPROVED

mohammad
1/20/2021 2:15:08 PM



#65
4,6-Dinitro-2-methylphenol
Concen: 43.27 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

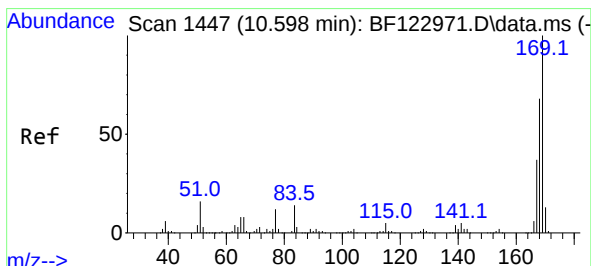
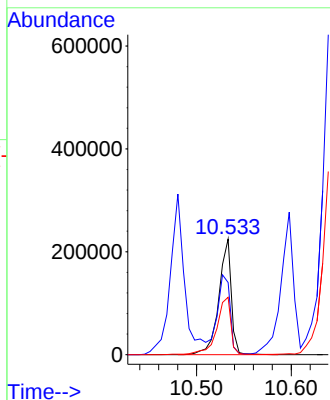
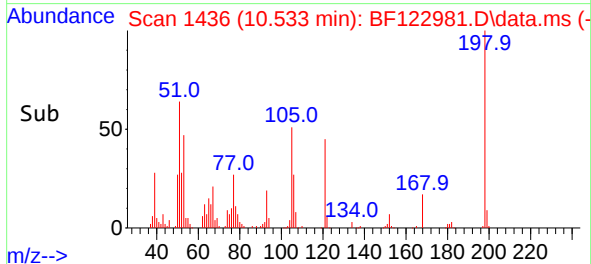
Instrument :
BNA_F
ClientSampleId :
SP5424



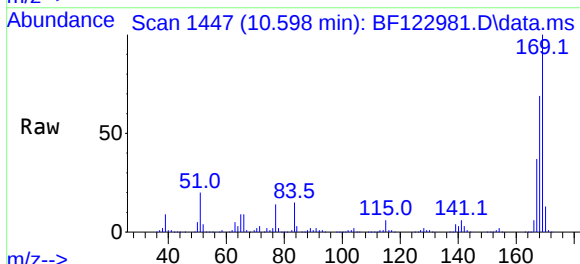
Tgt Ion:198 Resp: 205942
Ion Ratio Lower Upper
198 100
51 62.5 20.3 60.3#
105 49.6 23.0 63.0

Manual Integrations
APPROVED

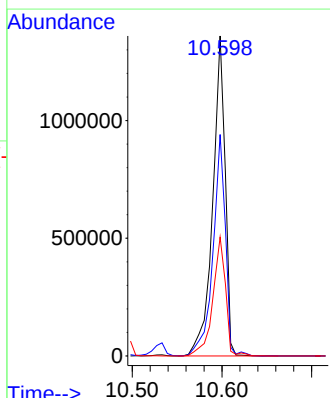
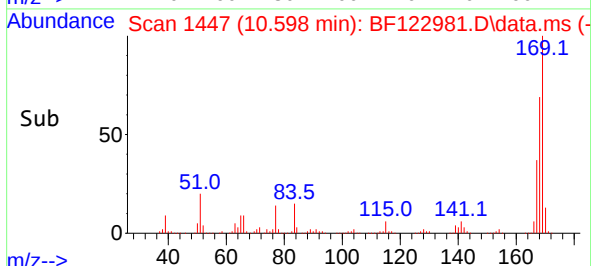
mohammad
1/20/2021 2:15:08 PM

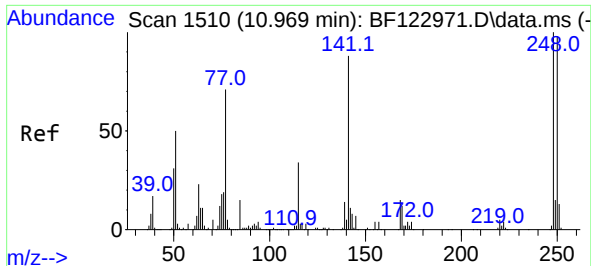


#66
n-Nitrosodiphenylamine
Concen: 41.66 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



Tgt Ion:169 Resp: 1314100
Ion Ratio Lower Upper
169 100
168 69.2 54.2 81.2
167 37.2 29.2 43.8





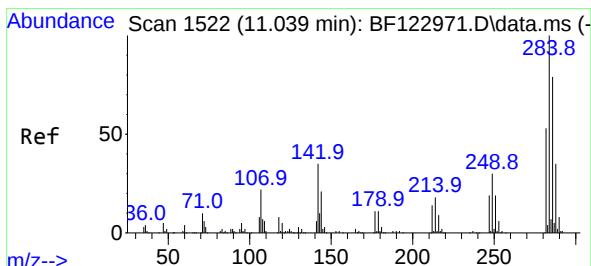
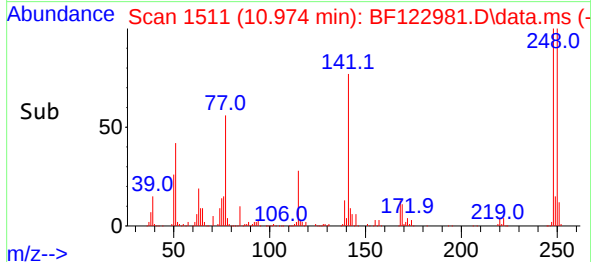
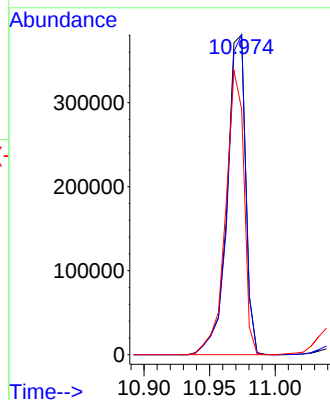
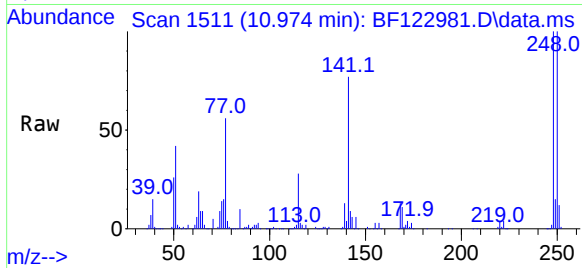
#67
4-Bromophenyl-phenylether
Concen: 36.25 ng
RT: 10.974 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Instrument :
BNA_F
ClientSampled :
SP5424

Tgt Ion:248 Resp: 374536
Ion Ratio Lower Upper
248 100
250 99.9 76.8 115.2
141 76.7 59.8 89.8

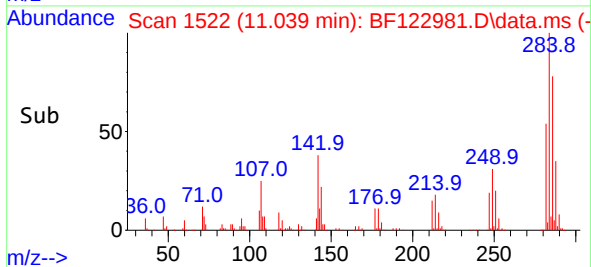
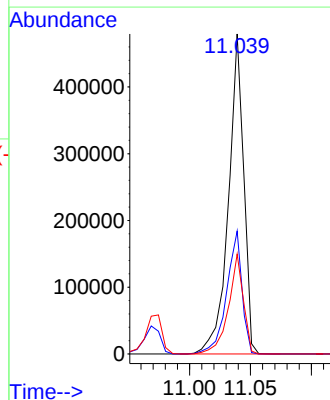
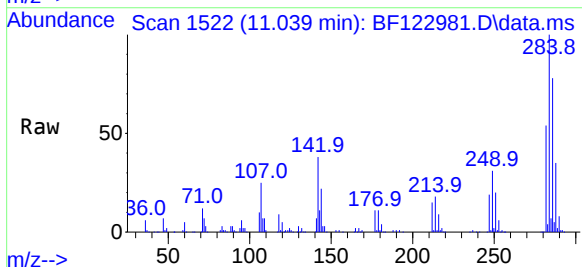
Manual Integrations
APPROVED

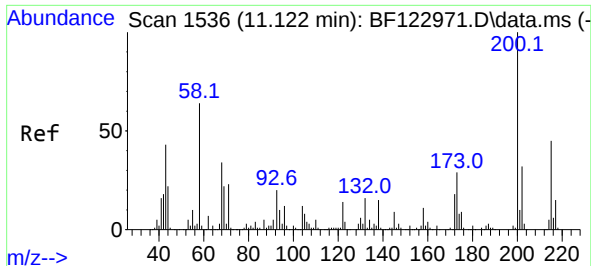
mohammad
1/20/2021 2:15:08 PM



#68
Hexachlorobenzene
Concen: 35.50 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:284 Resp: 419396
Ion Ratio Lower Upper
284 100
142 38.4 25.6 38.4#
249 31.2 25.1 37.7





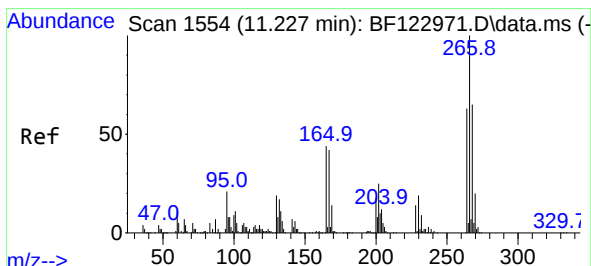
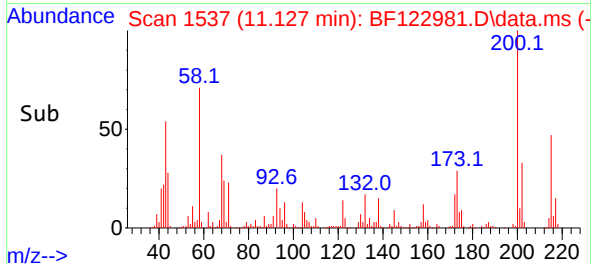
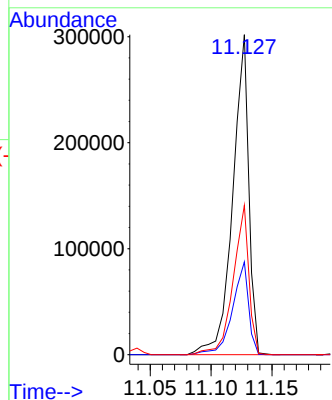
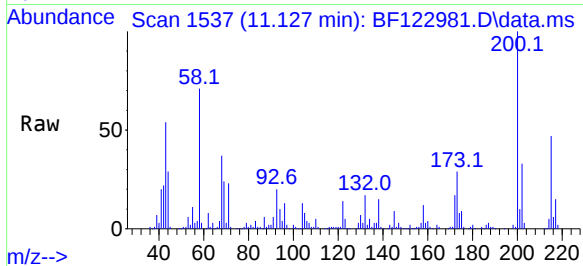
#69
Atrazine
Concen: 32.89 ng
RT: 11.127 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:200 Resp: 276260
Ion Ratio Lower Upper
200 100
173 29.0 6.6 46.6
215 46.6 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
SP5424

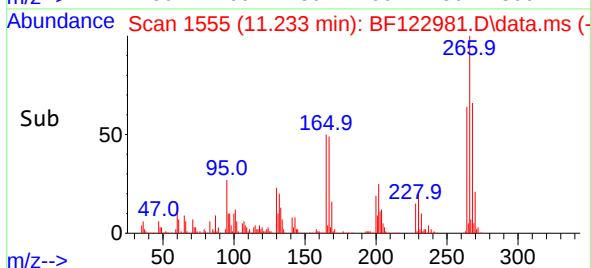
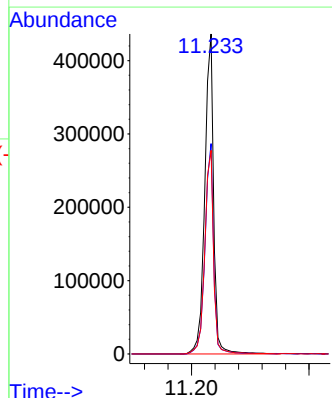
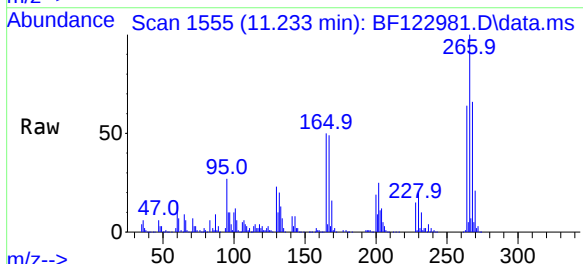
Manual Integrations
APPROVED

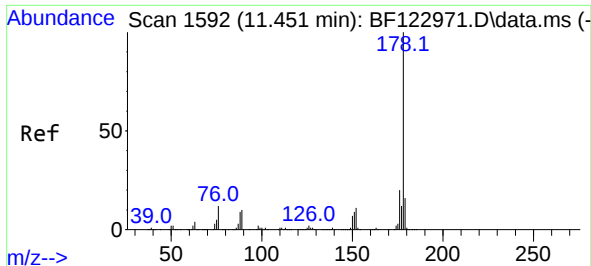
mohammad
1/20/2021 2:15:08 PM



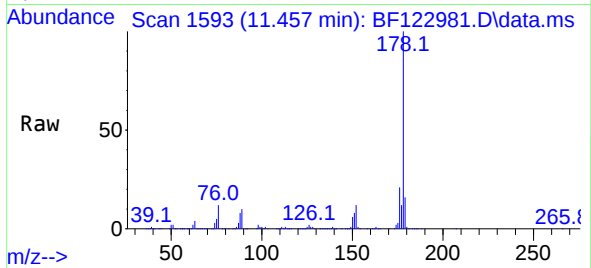
#70
Pentachlorophenol
Concen: 73.10 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:266 Resp: 454197
Ion Ratio Lower Upper
266 100
268 65.8 50.5 75.7
264 63.6 49.8 74.8

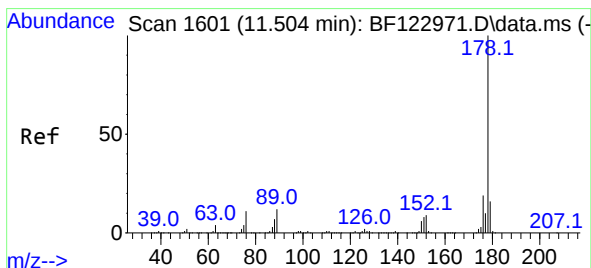
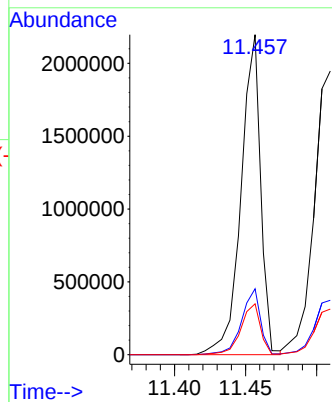
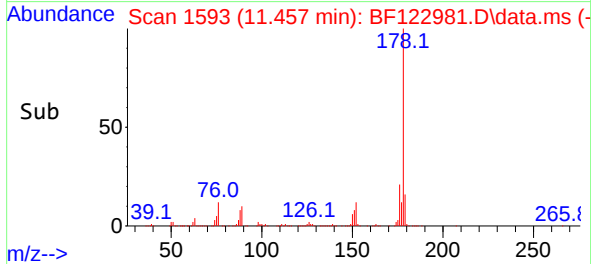




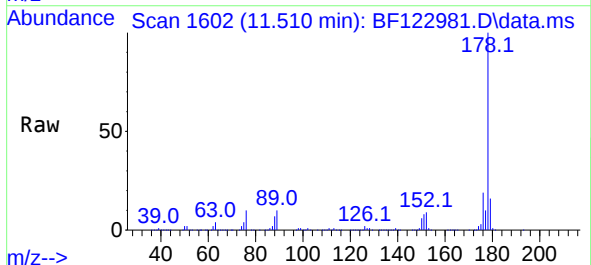
#71
Phenanthrene
Concen: 41.76 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



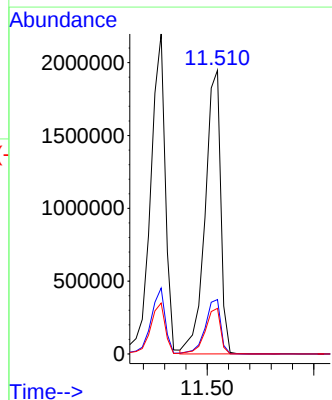
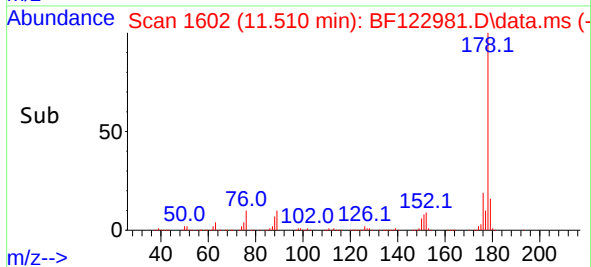
Tgt Ion:178 Resp: 2114431
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.2
179 15.9 12.7 19.1



#72
Anthracene
Concen: 39.46 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



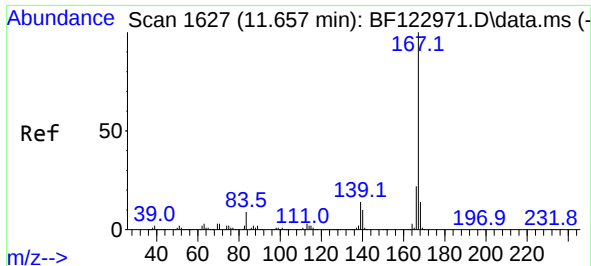
Tgt Ion:178 Resp: 1975037
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.1 12.8 19.2



Instrument :
BNA_F
ClientSampled :
SP5424

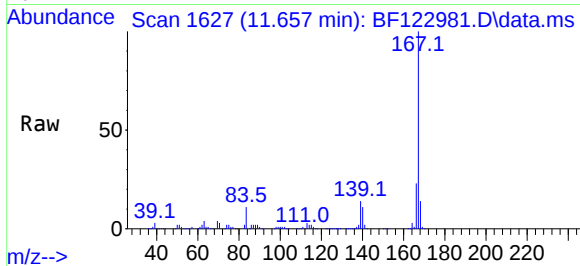
Manual Integrations
APPROVED

mohammad
1/20/2021 2:15:08 PM



#73
 Carbazole
 Concen: 38.87 ng
 RT: 11.657 min Scan# 1627
 Delta R.T. -0.000 min
 Lab File: BF122981.D
 Acq: 18 Jan 2021 10:50

Instrument :
 BNA_F
 ClientSampleID :
 SP5424

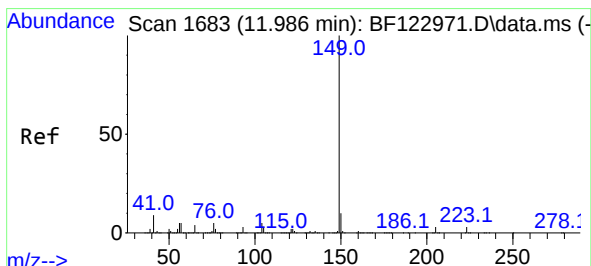
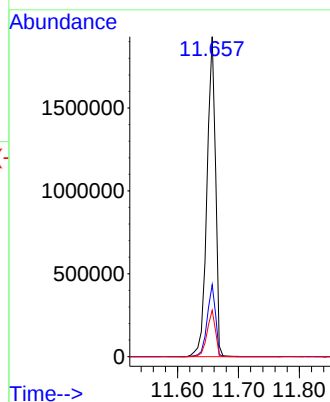


Tgt Ion:167 Resp: 1885505

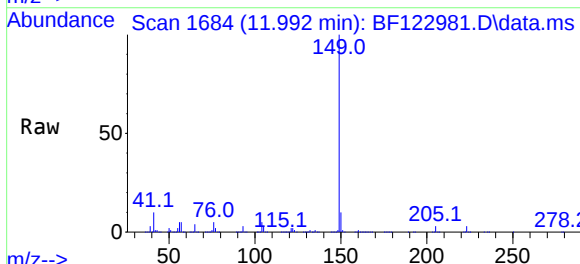
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	14.5	10.9	16.3

Manual Integrations
 APPROVED

mohammad
 1/20/2021 2:15:08 PM

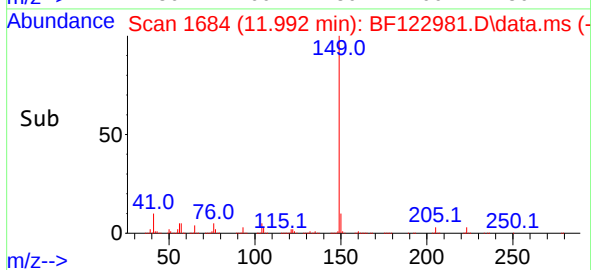
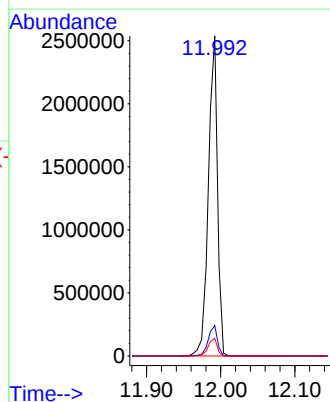


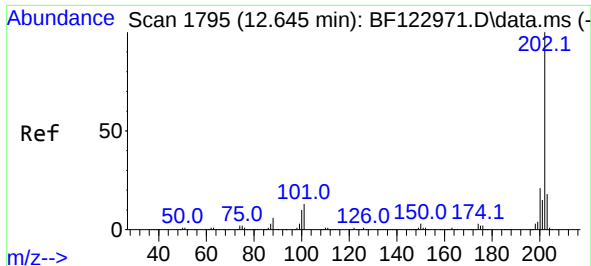
#74
 Di-n-butylphthalate
 Concen: 37.80 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. 0.006 min
 Lab File: BF122981.D
 Acq: 18 Jan 2021 10:50



Tgt Ion:149 Resp: 2170217

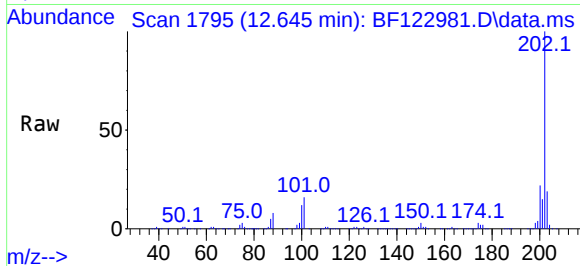
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.5	4.2	6.4





#75
Fluoranthene
Concen: 36.64 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

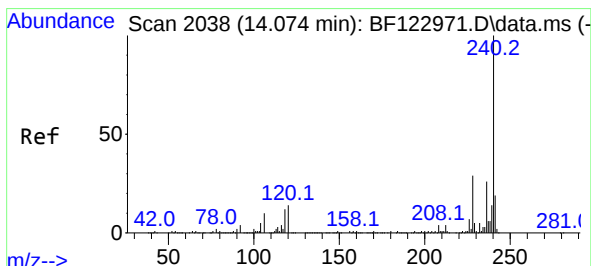
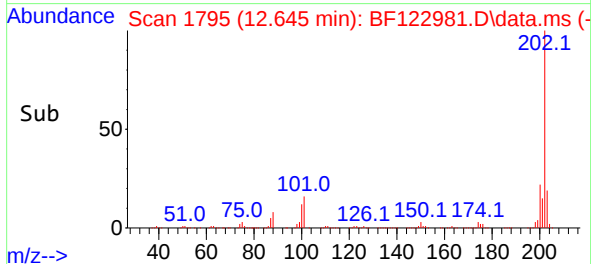
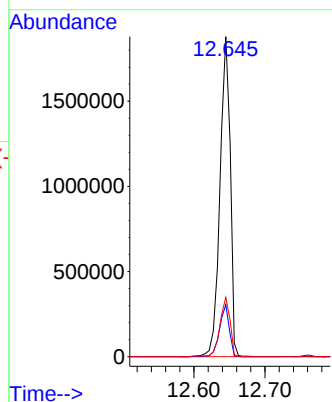
Instrument :
BNA_F
ClientSampleId :
SP5424



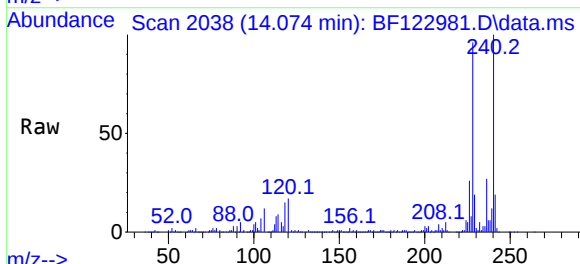
Tgt Ion:202 Resp: 1877091
Ion Ratio Lower Upper
202 100
101 16.3 0.0 32.2
203 18.6 0.0 38.1

Manual Integrations
APPROVED

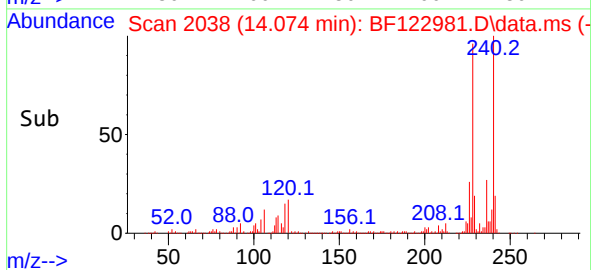
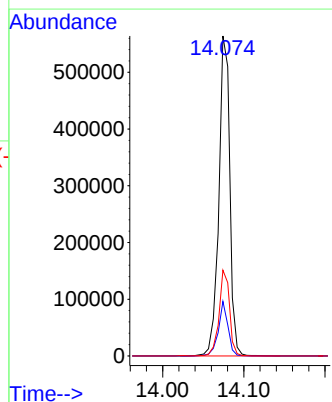
mohammad
1/20/2021 2:15:08 PM

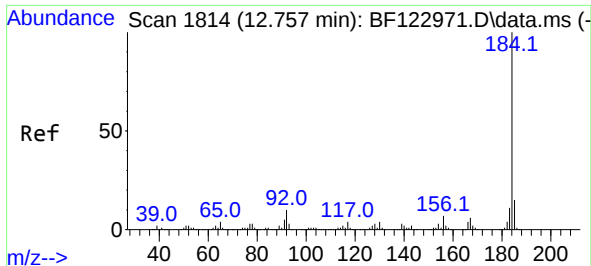


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

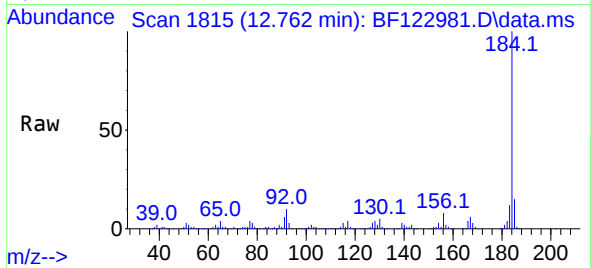


Tgt Ion:240 Resp: 529602
Ion Ratio Lower Upper
240 100
120 17.0 8.6 12.8#
236 26.8 20.3 30.5

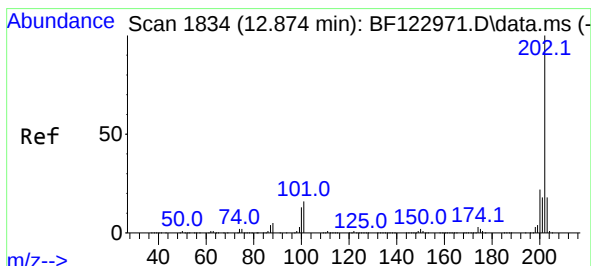
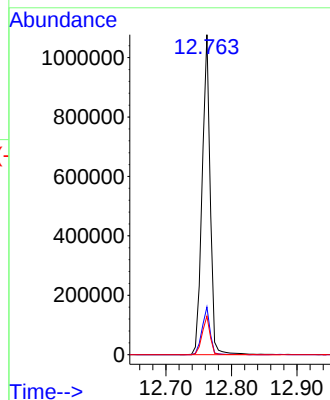
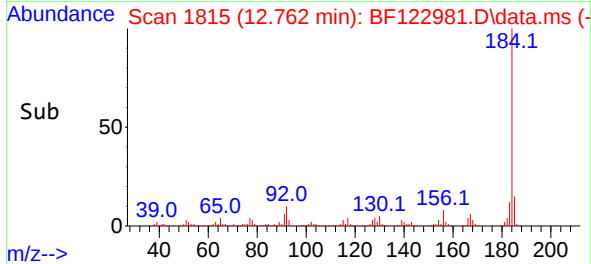




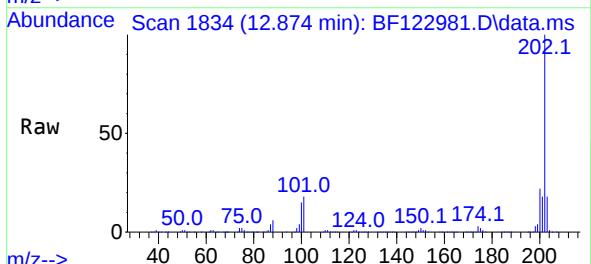
#77
Benzidine
Concen: 65.74 ng
RT: 12.762 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



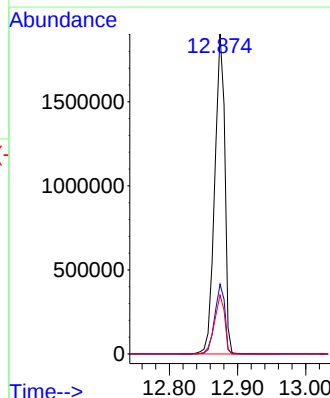
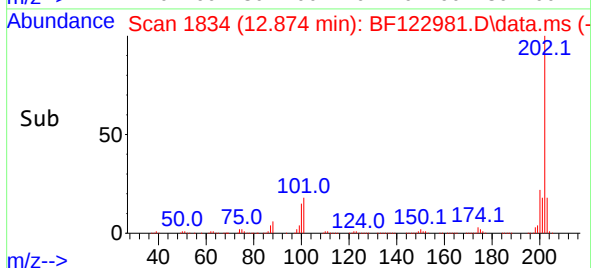
Tgt Ion:184 Resp: 921866
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 12.1 9.7 14.5



#78
Pyrene
Concen: 46.08 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



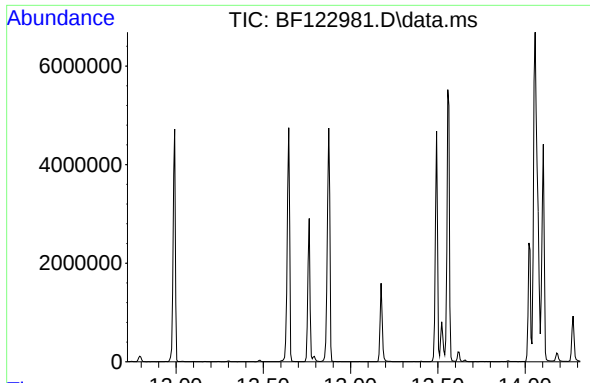
Tgt Ion:202 Resp: 1954054
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 18.4 14.6 21.8



Instrument :
BNA_F
ClientSampleId :
SP5424

Manual Integrations
APPROVED

mohammad
1/20/2021 2:15:08 PM



#79
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 13.02 min

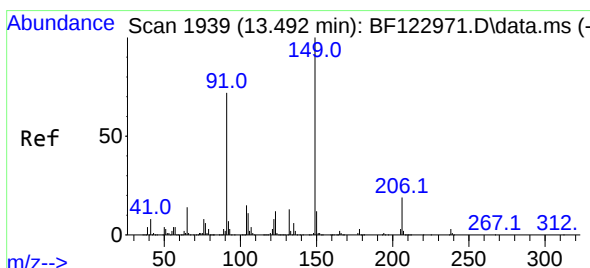
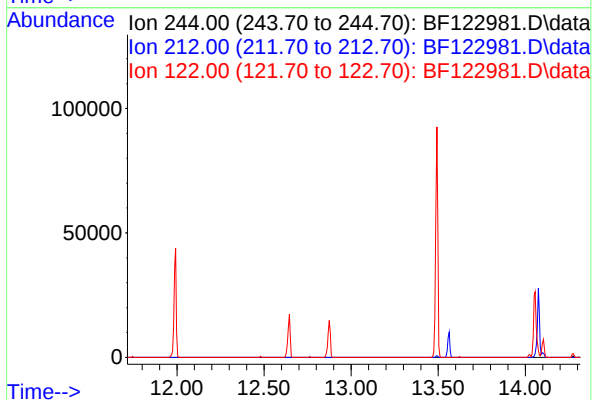
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.1
122 10.4

Instrument :
BNA_F
ClientSampleId :
SP5424

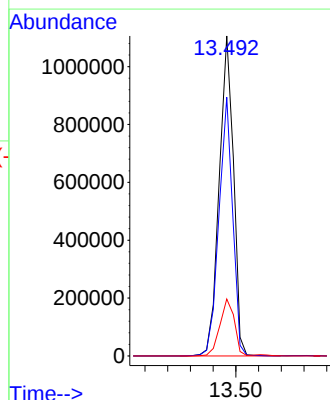
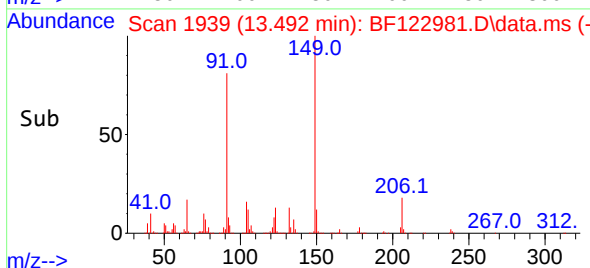
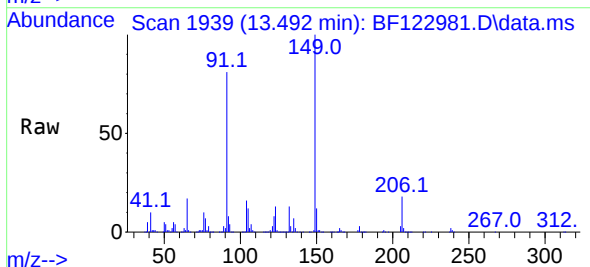
Manual Integrations
APPROVED

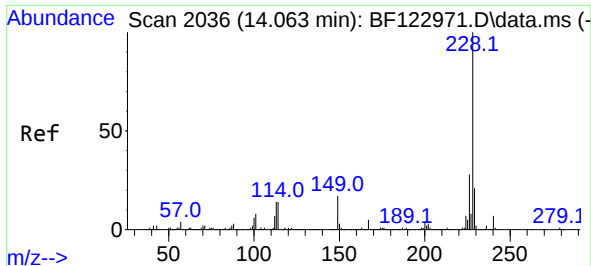
mohammad
1/20/2021 2:15:08 PM



#80
Butylbenzylphthalate
Concen: 50.92 ng
RT: 13.492 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

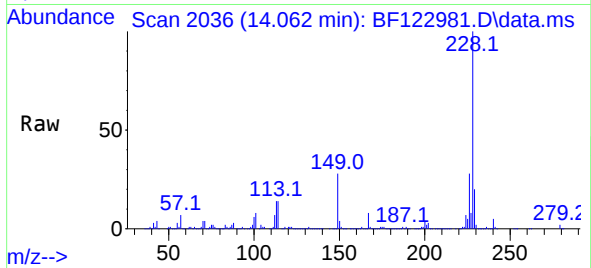
Tgt Ion:149 Resp: 967772
Ion Ratio Lower Upper
149 100
91 80.8 56.5 84.7
206 17.8 17.0 25.6





#81
Benzo(a)anthracene
Concen: 44.46 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

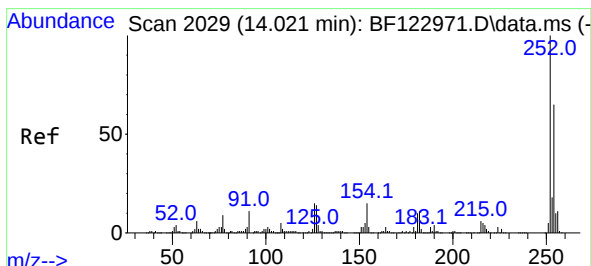
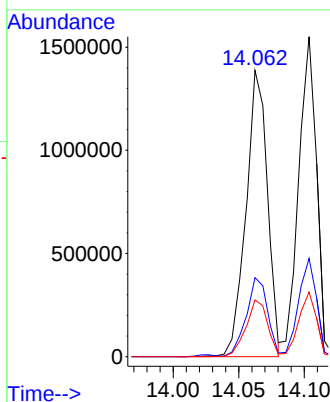
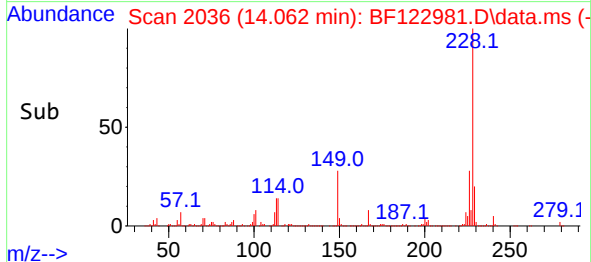
Instrument :
BNA_F
ClientSampled :
SP5424



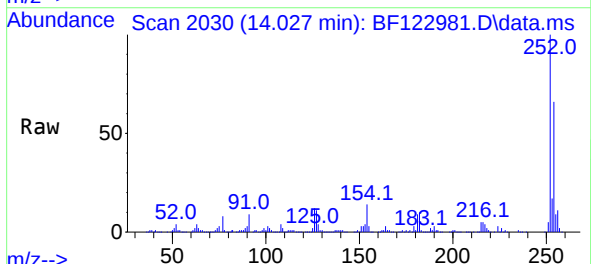
Tgt Ion:228 Resp: 1575760
Ion Ratio Lower Upper
228 100
226 27.6 23.0 34.4
229 19.9 16.6 24.8

Manual Integrations
APPROVED

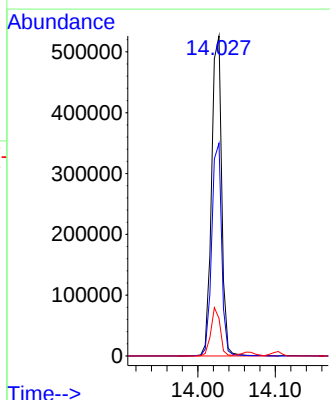
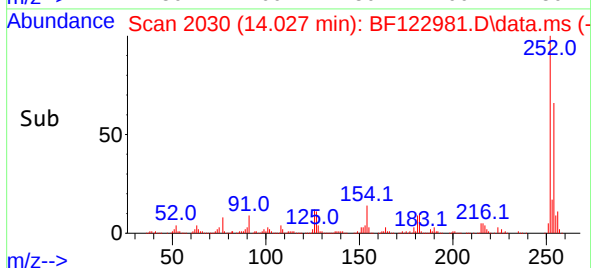
mohammad
1/20/2021 2:15:08 PM

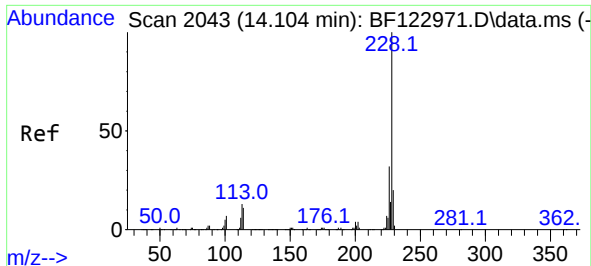


#82
3,3'-Dichlorobenzidine
Concen: 41.14 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



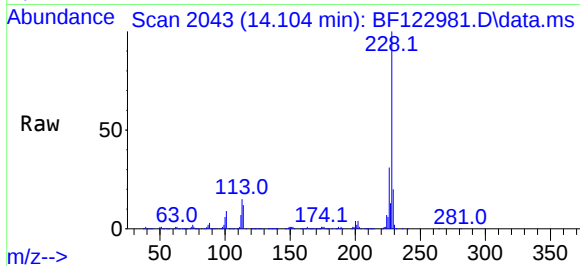
Tgt Ion:252 Resp: 477369
Ion Ratio Lower Upper
252 100
254 66.5 52.7 79.1
126 11.8 8.0 12.0





#83
Chrysene
Concen: 41.41 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

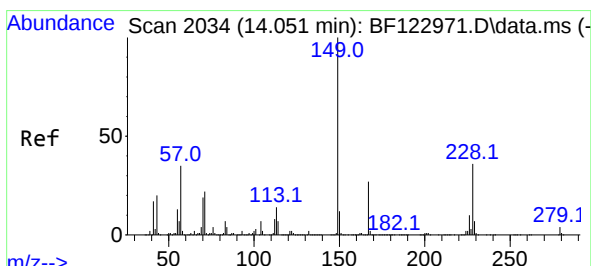
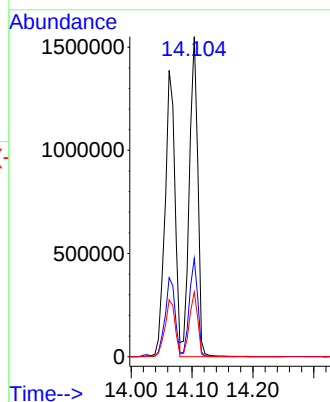
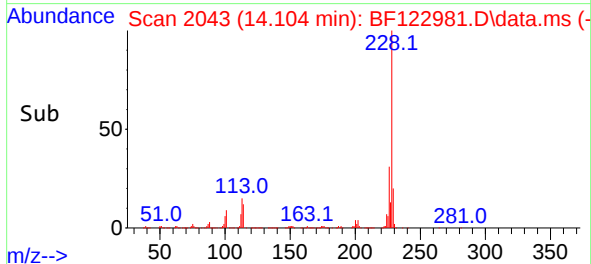
Instrument :
BNA_F
ClientSampleId :
SP5424



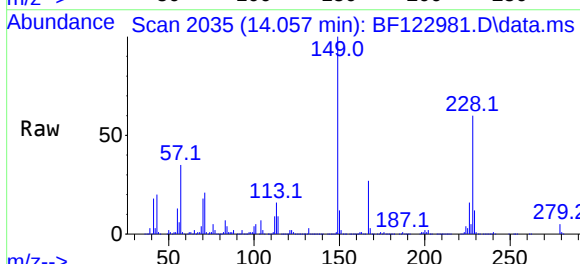
Tgt Ion:228 Resp: 1480150
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 20.2 15.8 23.6

Manual Integrations
APPROVED

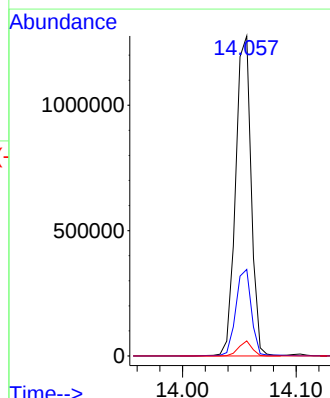
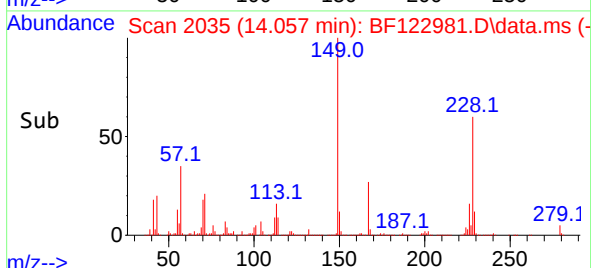
mohammad
1/20/2021 2:15:08 PM

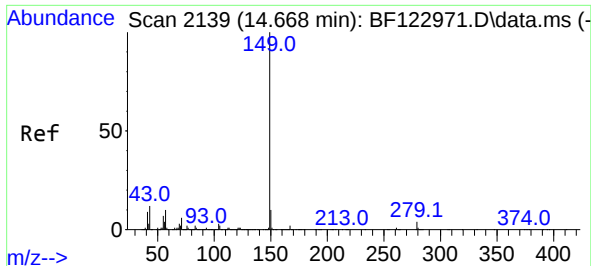


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.60 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



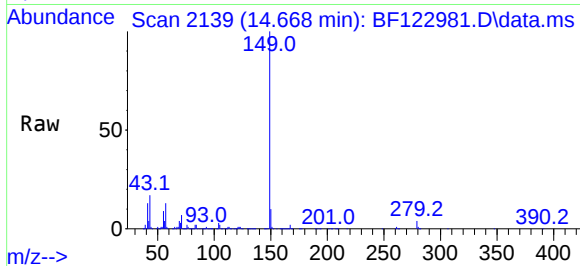
Tgt Ion:149 Resp: 1206012
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.2
279 4.7 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 47.93 ng
RT: 14.668 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

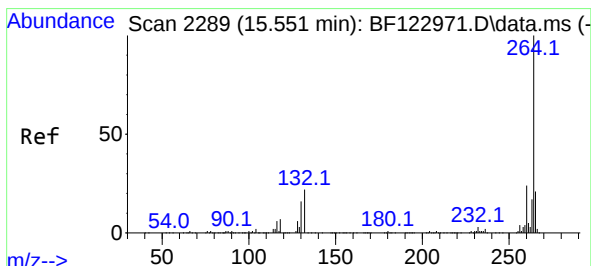
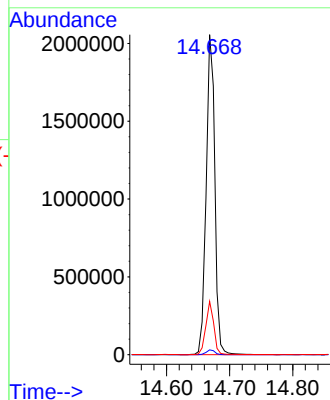
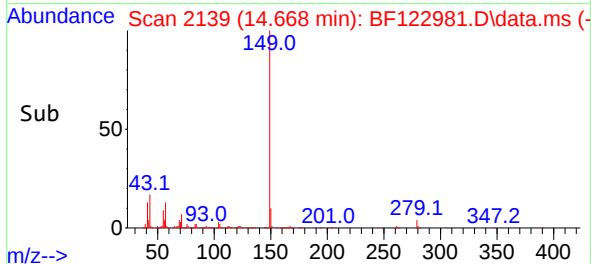
Instrument :
BNA_F
ClientSampleId :
SP5424



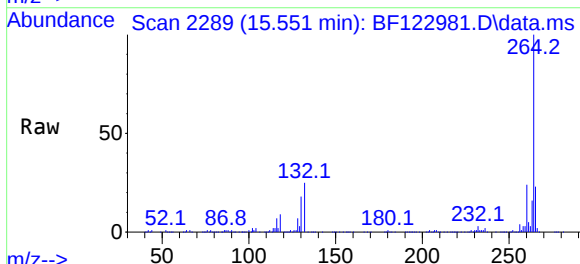
Tgt Ion:149 Resp: 1964501
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 15.4 7.6 11.4#

Manual Integrations
APPROVED

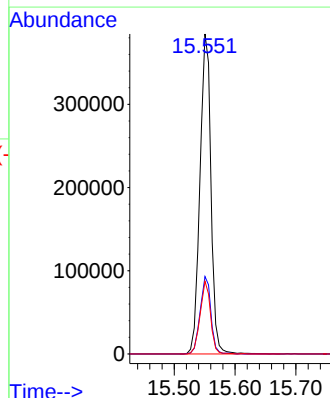
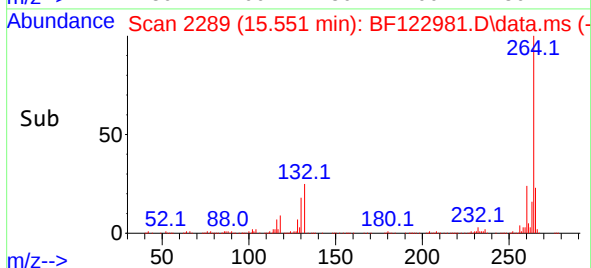
mohammad
1/20/2021 2:15:08 PM

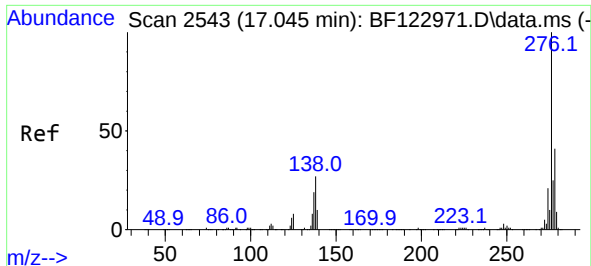


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



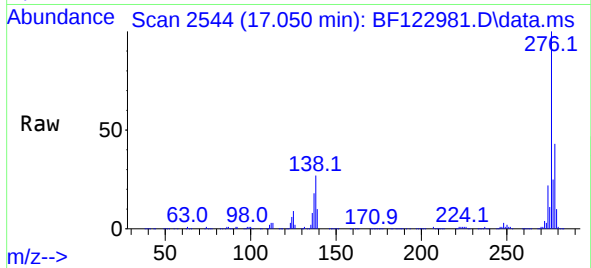
Tgt Ion:264 Resp: 482772
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.7 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.87 ng
RT: 17.050 min Scan# 2544
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

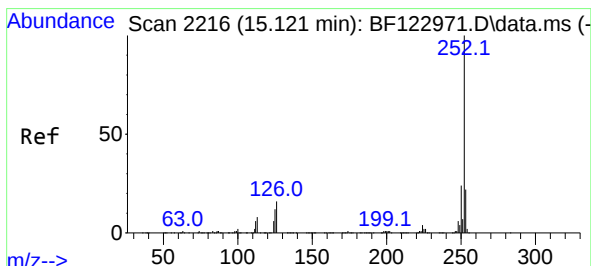
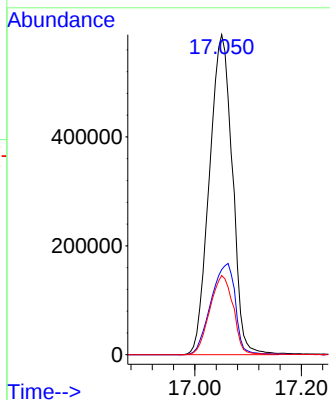
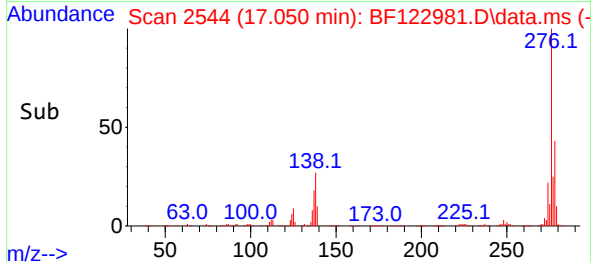
Instrument :
BNA_F
ClientSampleId :
SP5424



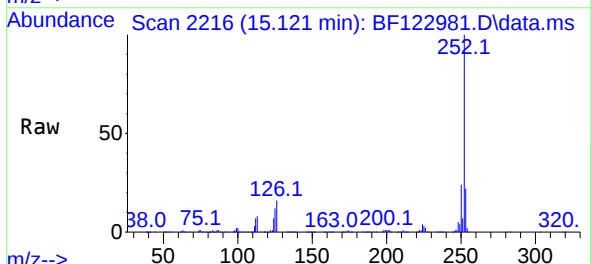
Tgt Ion:276 Resp: 1759949
Ion Ratio Lower Upper
276 100
138 30.3 18.7 28.1#
277 25.3 20.2 30.4

Manual Integrations
APPROVED

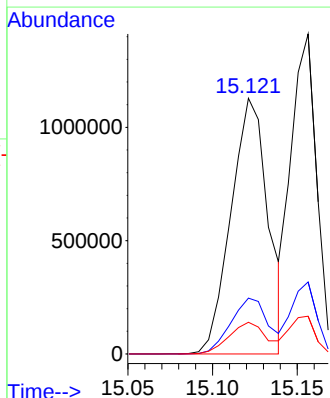
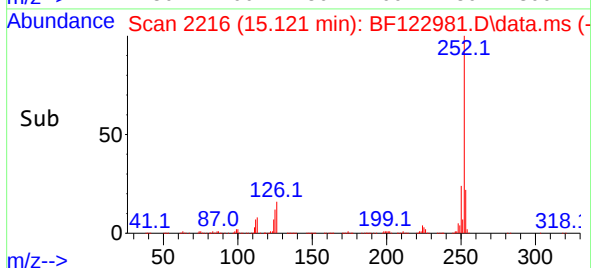
mohammad
1/20/2021 2:15:08 PM

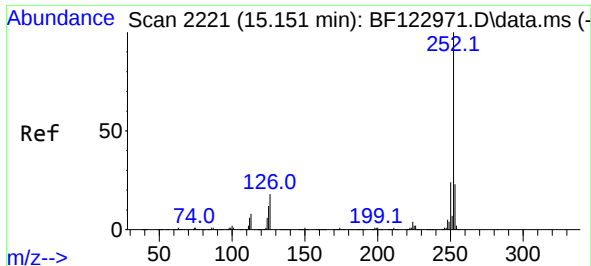


#88
Benzo(b)fluoranthene
Concen: 52.85 ng m
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



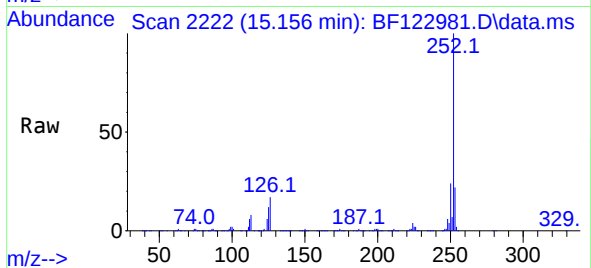
Tgt Ion:252 Resp: 1722082
Ion Ratio Lower Upper
252 100
253 21.8 18.3 27.5
125 12.4 8.1 12.1#





#89
Benzo(k)fluoranthene
Concen: 45.03 ng
RT: 15.156 min Scan# 2222
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

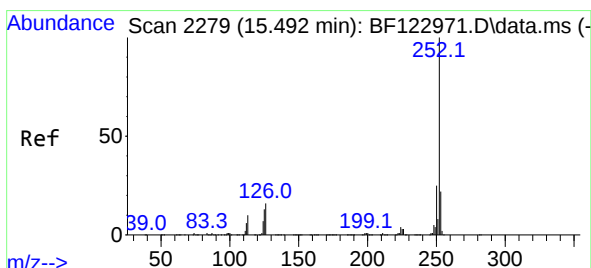
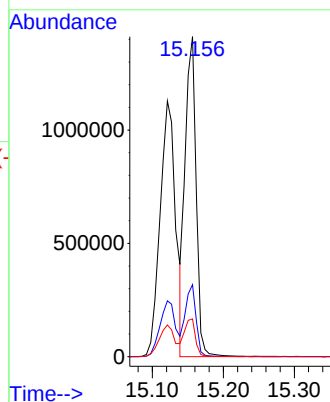
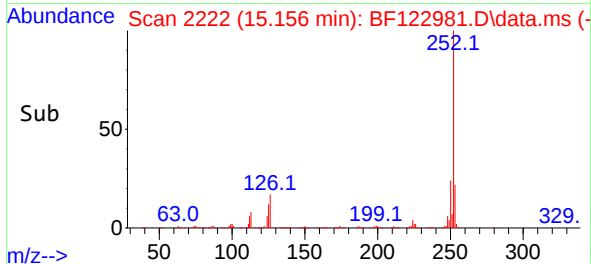
Instrument :
BNA_F
ClientSampleId :
SP5424



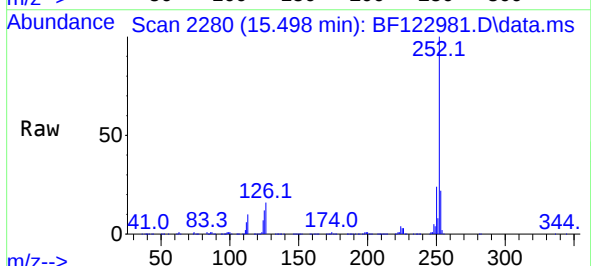
Tgt Ion:252 Resp: 1504222
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.8 8.4 12.6

Manual Integrations
APPROVED

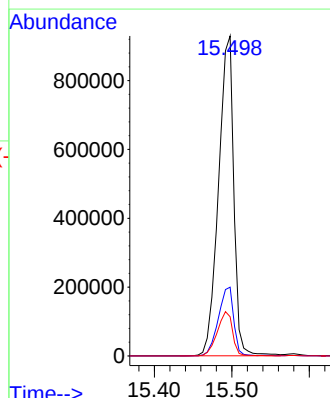
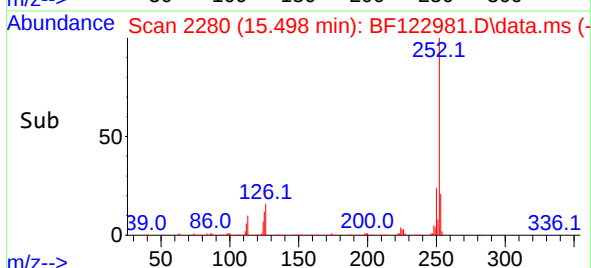
mohammad
1/20/2021 2:15:08 PM

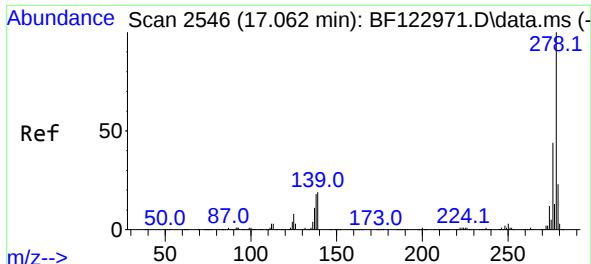


#90
Benzo(a)pyrene
Concen: 43.28 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50



Tgt Ion:252 Resp: 1273989
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 12.3 8.6 12.8





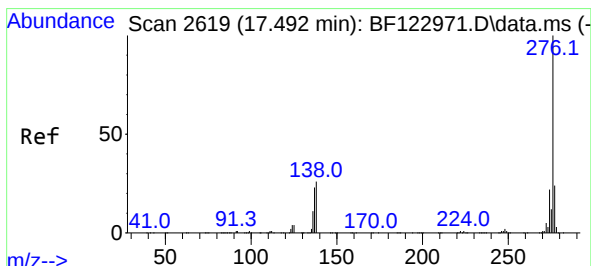
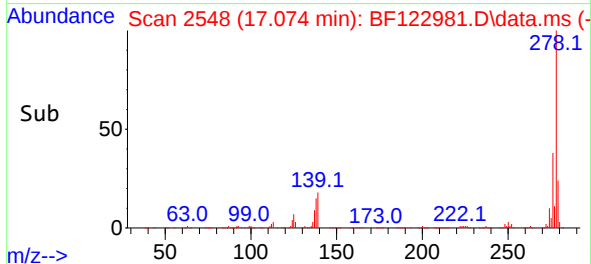
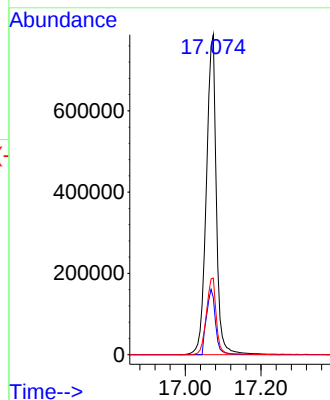
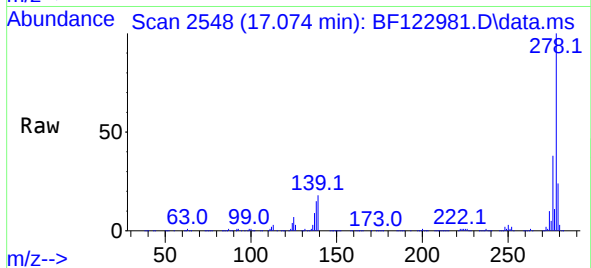
#91
Dibenzo(a,h)anthracene
Concen: 57.71 ng
RT: 17.074 min Scan# 2548
Delta R.T. 0.012 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:278 Resp: 1438050
Ion Ratio Lower Upper
278 100
139 17.9 12.0 18.0
279 23.9 19.4 29.2

Instrument :
BNA_F
ClientSampleId :
SP5424

Manual Integrations
APPROVED

mohammad
1/20/2021 2:15:08 PM



#92
Benzo(g,h,i)perylene
Concen: 52.46 ng
RT: 17.509 min Scan# 2622
Delta R.T. 0.018 min
Lab File: BF122981.D
Acq: 18 Jan 2021 10:50

Tgt Ion:276 Resp: 1265501
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 25.3 16.6 24.8#

