

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121577.D
 Acq On : 15 Sep 2020 14:58
 Operator : JU/CG
 Sample : L3998-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMS

Manual Integrations
 APPROVED

mohammad
 9/16/2020 10:14:44 AM

Quant Time: Sep 15 15:31:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	210417	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	828141	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	437437	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	833613	20.00	ng	0.00
76) Chrysene-d12	14.00	240	638908	20.00	ng	0.00
86) Perylene-d12	15.44	264	525870	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1138588	80.42	ng	0.02
7) Phenol-d6	6.47	99	1466441	78.95	ng	0.01
23) Nitrobenzene-d5	7.40	82	1009686	65.46	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	482862	88.81	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1704211	59.00	ng	0.00
79) Terphenyl-d14	12.94	244	1886965	59.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	229031	35.210	ng	100
3) Pyridine	3.40	79	657339	36.555	ng	100
4) n-Nitrosodimethylamine	3.36	42	322219	38.630	ng	100
6) Aniline	6.50	93	587767	24.295	ng	93
8) 2-Chlorophenol	6.62	128	595867	41.335	ng	99
9) Benzaldehyde	6.38	77	276889	22.802	ng	99
10) Phenol	6.49	94	786839	39.778	ng	80
11) bis(2-Chloroethyl)ether	6.57	93	601214	40.327	ng	100
12) 1,3-Dichlorobenzene	6.77	146	621097	38.601	ng	100
13) 1,4-Dichlorobenzene	6.85	146	618415	38.277	ng	99
14) 1,2-Dichlorobenzene	7.00	146	607052	40.788	ng	99
15) Benzyl Alcohol	6.98	79	516026	40.871	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	937538	39.080	ng	90
17) 2-Methylphenol	7.10	107	485714	39.599	ng	94
18) Hexachloroethane	7.35	117	224902	38.878	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	418579	39.099	ng	99
20) 3+4-Methylphenols	7.25	107	575576	39.056	ng	# 87
22) Acetophenone	7.25	105	776018	36.933	ng	96
24) Nitrobenzene	7.42	77	648924	38.900	ng	99
25) Isophorone	7.66	82	1173716	37.802	ng	100
26) 2-Nitrophenol	7.73	139	305620	39.400	ng	97
27) 2,4-Dimethylphenol	7.77	122	525406	37.909	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	753223	39.187	ng	100
29) 2,4-Dichlorophenol	7.98	162	491932	38.970	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	508563	38.253	ng	100
31) Naphthalene	8.14	128	1642681	37.576	ng	100
32) Benzoic acid	7.92	122	356860	36.460	ng	97
33) 4-Chloroaniline	8.19	127	315774	16.664	ng	98
34) Hexachlorobutadiene	8.26	225	304713	39.048	ng	100
35) Caprolactam	8.56	113	168952m	40.191	ng	
36) 4-Chloro-3-methylphenol	8.68	107	538923	39.631	ng	99
37) 2-Methylnaphthalene	8.83	142	1085182	37.879	ng	99
38) 1-Methylnaphthalene	8.93	142	1014887	38.064	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	505873	37.022	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121577.D
 Acq On : 15 Sep 2020 14:58
 Operator : JU/CG
 Sample : L3998-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMS

Manual Integrations
 APPROVED

mohammad
 9/16/2020 10:14:44 AM

Quant Time: Sep 15 15:31:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	434653	55.702	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	363551	39.034	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	385555	39.158	nq	96
46) 1,1'-Biphenyl	9.29	154	1301890	37.176	nq	99
47) 2-Chloronaphthalene	9.32	162	1028597	37.273	nq	97
48) 2-Nitroaniline	9.42	65	354483	41.336	nq	99
49) Acenaphthylene	9.73	152	1597695	37.680	nq	100
50) Dimethylphthalate	9.60	163	1403912	44.281	nq	98
51) 2,6-Dinitrotoluene	9.66	165	283100	41.928	nq #	88
52) Acenaphthene	9.90	154	1050870m	39.239	nq	
53) 3-Nitroaniline	9.83	138	177021	22.632	nq	91
54) 2,4-Dinitrophenol	9.93	184	191432	52.644	nq	99
55) Dibenzofuran	10.08	168	1429029	37.890	nq	99
56) 4-Nitrophenol	10.00	139	484431	77.659	nq	98
57) 2,4-Dinitrotoluene	10.06	165	377637	44.457	nq	98
58) Fluorene	10.42	166	1078933	37.409	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	320878	40.087	nq	98
60) Diethylphthalate	10.30	149	1248964	40.405	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	535630	38.769	nq	98
62) 4-Nitroaniline	10.45	138	265443	34.179	nq	99
63) Azobenzene	10.57	77	1267947	38.518	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	145255	31.194	nq	96
66) n-Nitrosodiphenylamine	10.53	169	1079852	37.758	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	369467	38.928	nq	94
68) Hexachlorobenzene	10.97	284	410364	38.313	nq	94
69) Atrazine	11.06	200	269564	37.938	nq	98
70) Pentachlorophenol	11.16	266	427656	72.702	nq	99
71) Phenanthrene	11.38	178	1678983	36.967	nq	99
72) Anthracene	11.43	178	1736645	37.052	nq	99
73) Carbazole	11.59	167	1579842	37.352	nq	100
74) Di-n-butylphthalate	11.92	149	1975420	40.466	nq	100
75) Fluoranthene	12.57	202	1837859	37.906	nq	99
77) Benzidine	12.69	184	1049450	49.547	nq	99
78) Pyrene	12.80	202	1861352	39.874	nq	99
80) Butylbenzylphthalate	13.42	149	885653	46.912	nq	95
81) Benzo(a)anthracene	13.99	228	1550328	38.355	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	539750	34.204	nq	98
83) Chrysene	14.02	228	1542120	37.676	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1167153	46.277	nq	100
85) Di-n-octyl phthalate	14.59	149	2088516	46.922	nq	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1426990	41.668	nq	99
88) Benzo(b)fluoranthene	15.03	252	1465026	41.673	nq	99
89) Benzo(k)fluoranthene	15.06	252	1319552	40.989	nq	98
90) Benzo(a)pyrene	15.39	252	1211910	40.555	nq	98
91) Dibenzo(a,h)anthracene	16.91	278	1173178	41.153	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1190346	42.478	nq	98

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



#1

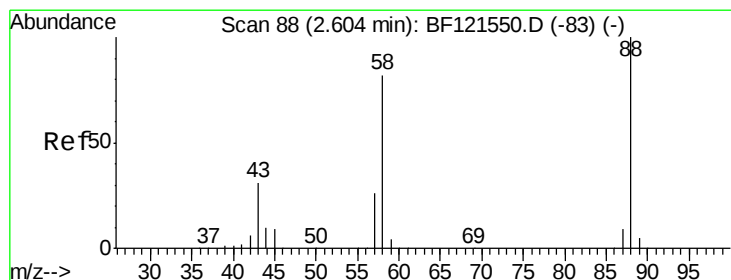
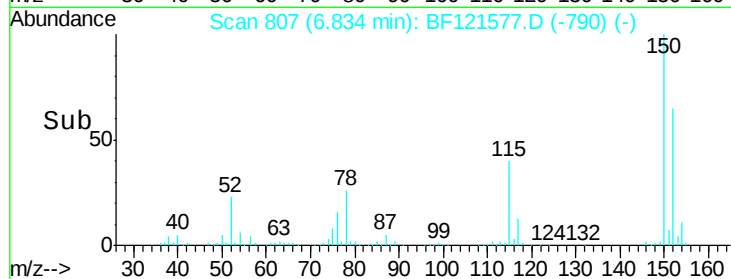
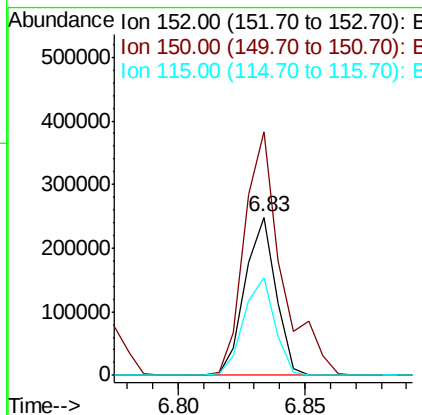
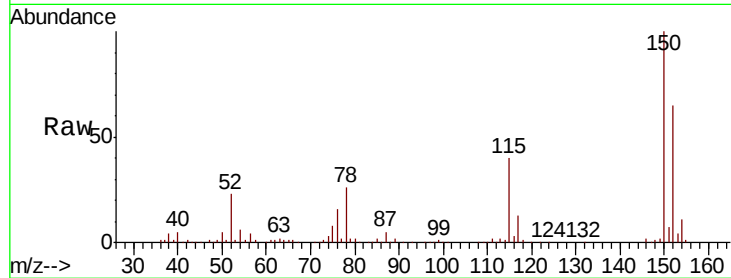
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.8	188.6
115	61.5	47.8	71.8

Manual Integrations
APPROVED

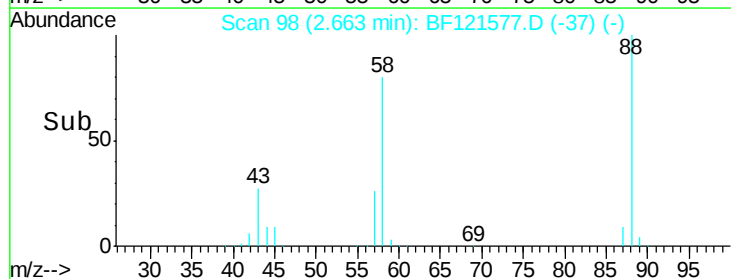
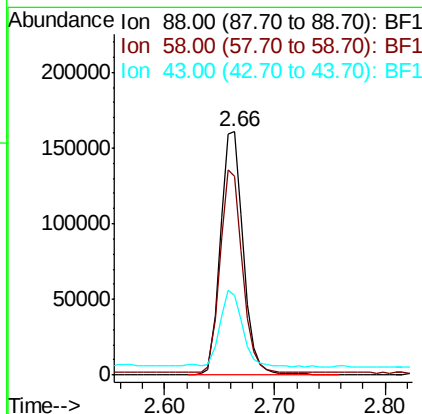
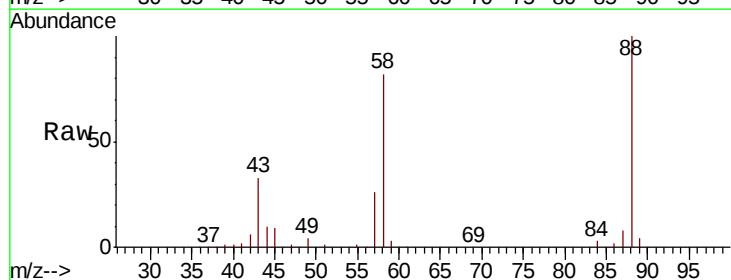
mohammad
9/16/2020 10:14:44 AM

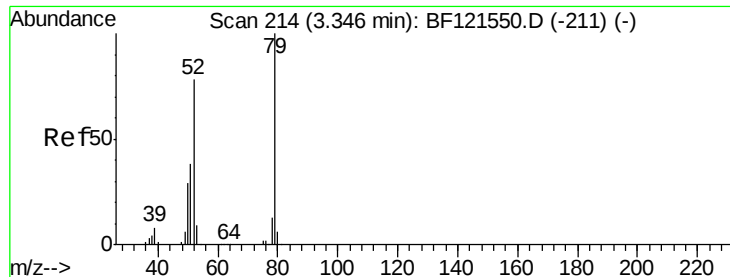


#2

1,4-Dioxane
Concen: 35.210 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	65.1	97.7
43	31.1	25.0	37.4





#3

Pvridine

Concen: 36.555 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.06 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

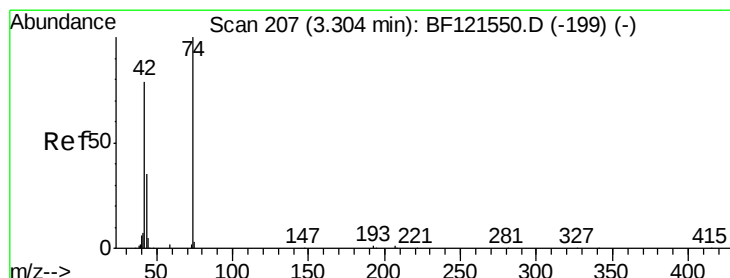
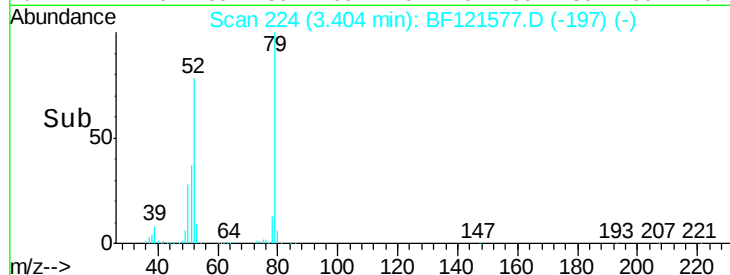
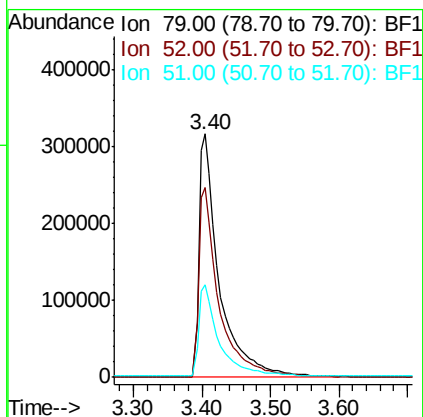
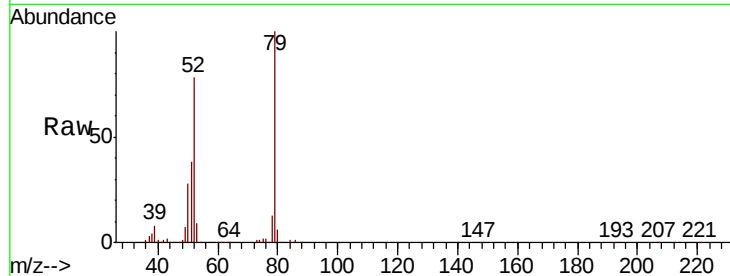
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	79	Resp:	657339
Ion Ratio	Lower	Upper	
79	100		
52	78.0	62.2	93.2
51	37.9	30.6	45.8

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



#4

n-Nitrosodimethylamine

Concen: 38.630 ng

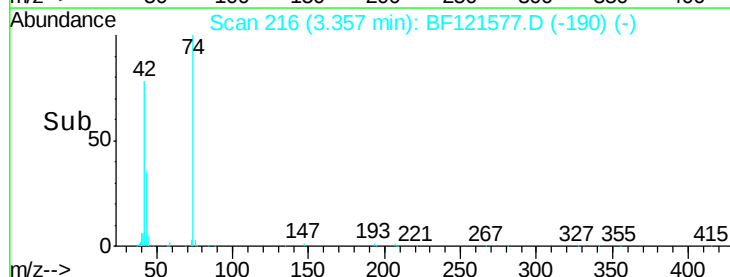
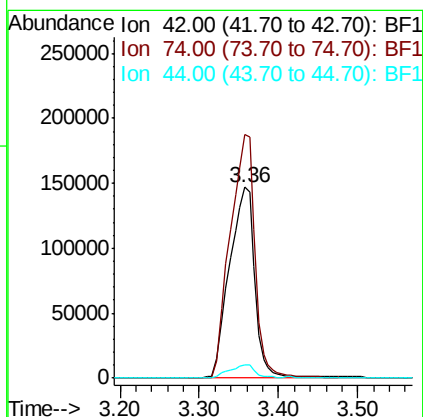
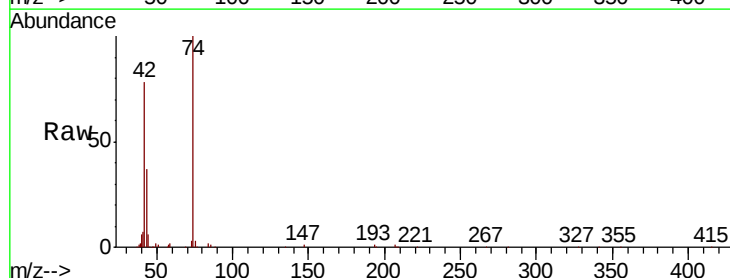
RT: 3.36 min Scan# 216

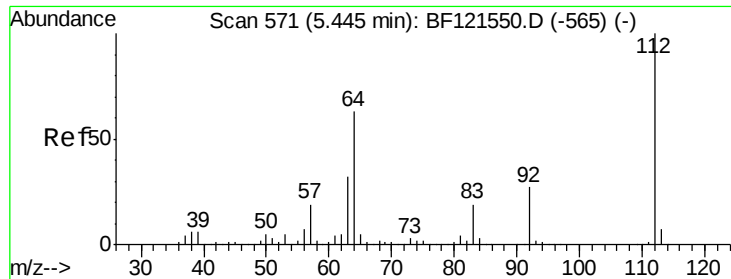
Delta R.T. 0.05 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Tgt Ion:	42	Resp:	322219
Ion Ratio	Lower	Upper	
42	100		
74	127.4	101.7	152.5
44	7.2	5.4	8.2





#5

2-Fluorophenol

Concen: 80.416 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

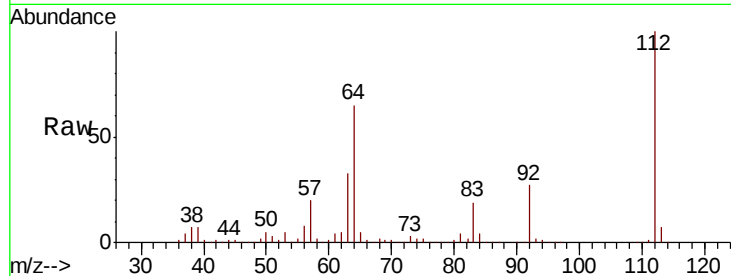
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

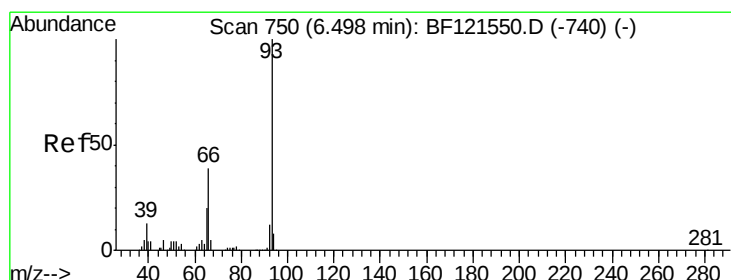
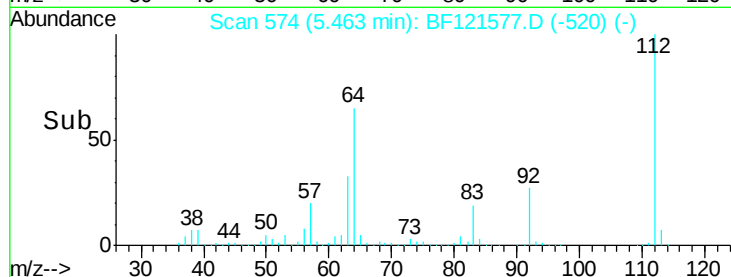
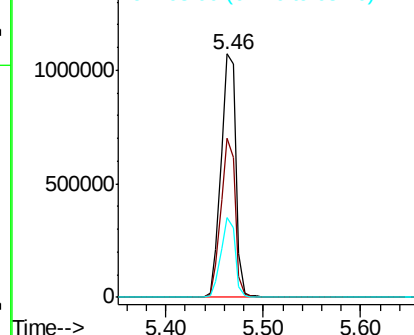
Tot Ion:	112	Resp:	1138588
Ion	Ratio	Lower	Upper
112	100		
64	65.4	50.3	75.5
63	33.0	25.6	38.4

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.295 ng

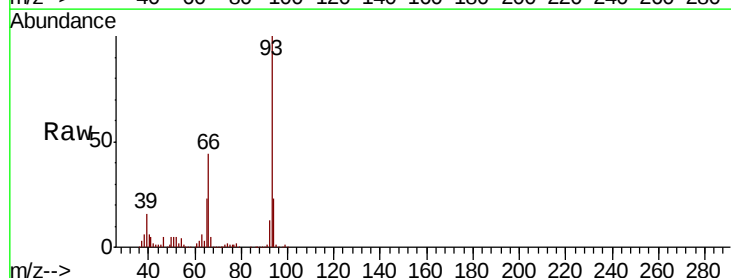
RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

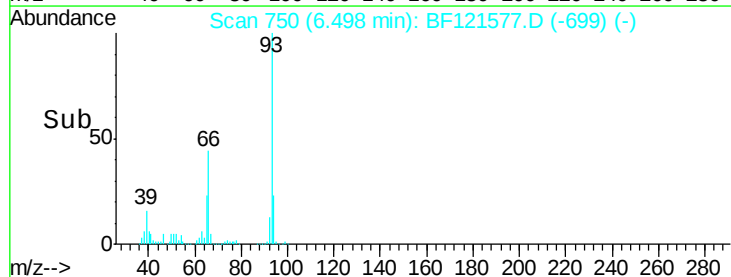
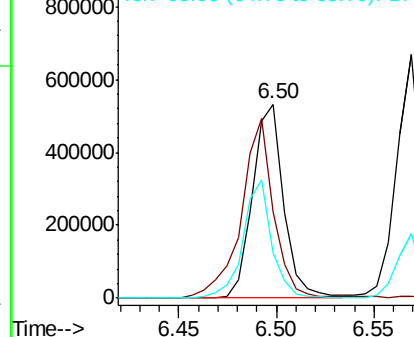
Lab File: BF121577.D

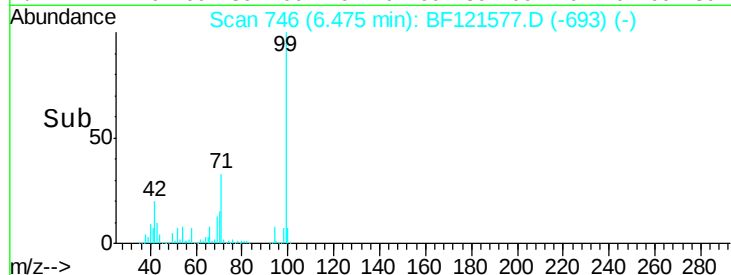
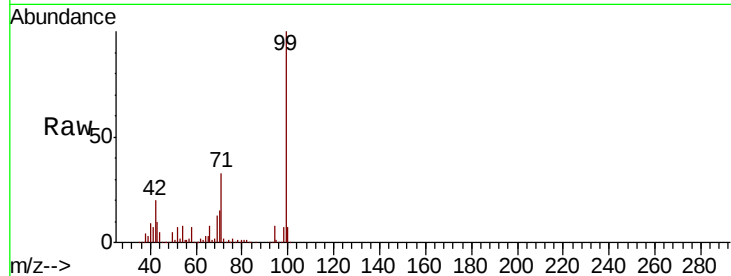
Acq: 15 Sep 2020 14:58

Tgt Ion:	93	Resp:	587767
Ion	Ratio	Lower	Upper
93	100		
66	44.1	31.8	47.8
65	23.1	16.2	24.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.945 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Tot Ion:	99	Resp:	1466441
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.5	23.3
71	33.4	26.1	39.1

Instrument :

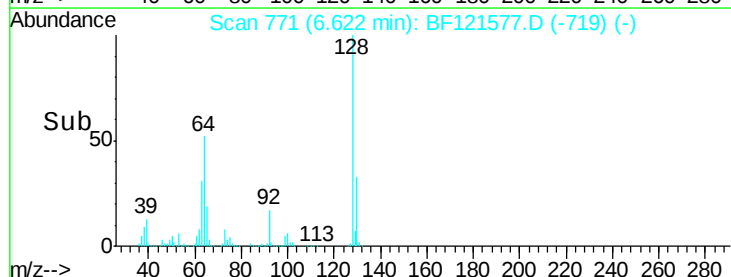
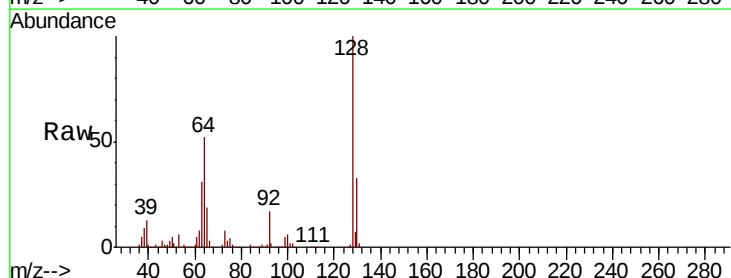
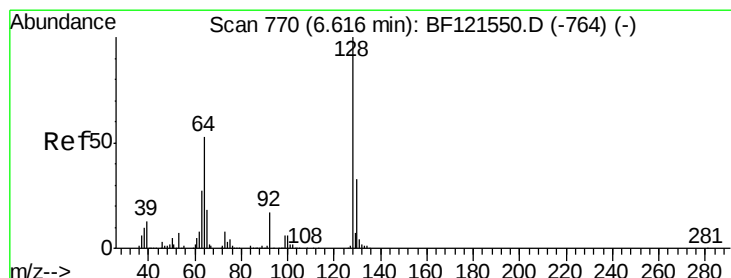
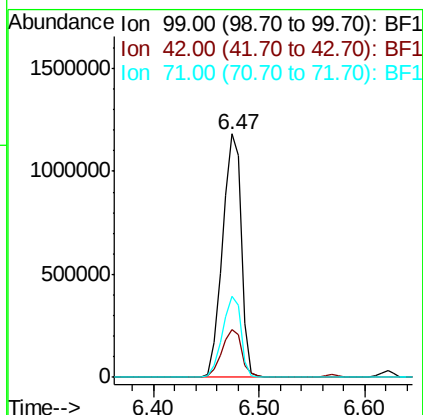
BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



#8

2-Chlorophenol

Concen: 41.335 ng

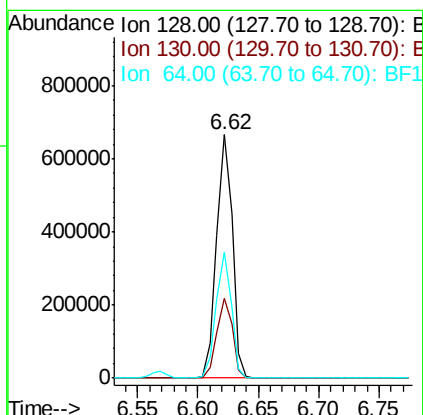
RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Tgt Ion:	128	Resp:	595867
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	51.6	33.1	73.1





#9

Benzaldehyde

Concen: 22.802 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

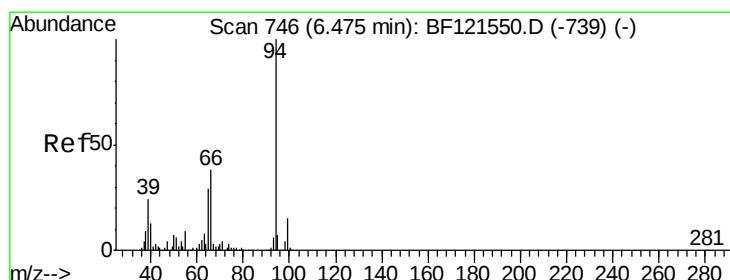
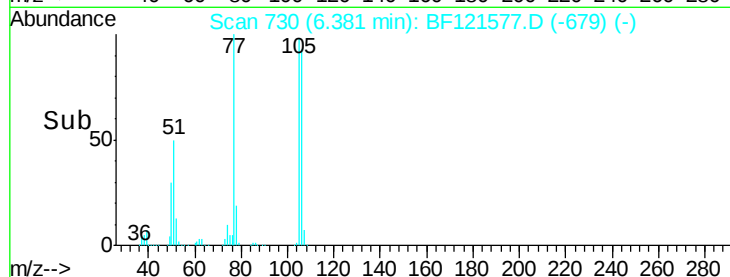
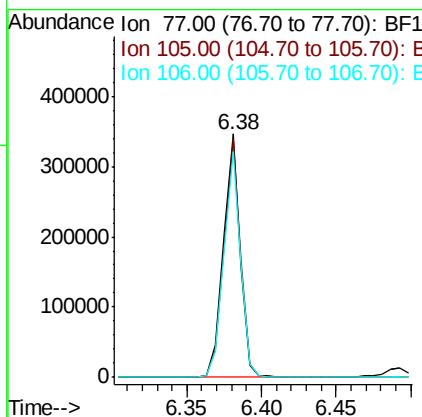
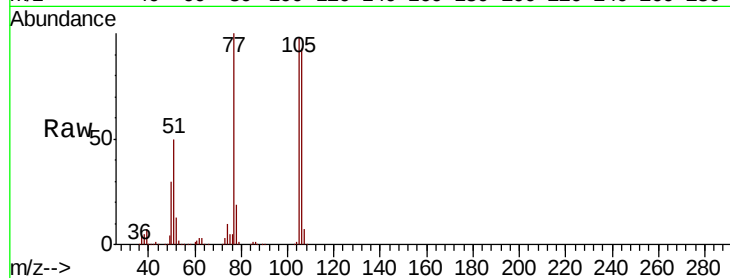
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	77	Resp:	276889
Ion	Ratio	Lower	Upper
77	100		
105	97.8	76.4	116.4
106	92.7	73.5	113.5

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



#10

Phenol

Concen: 39.778 ng

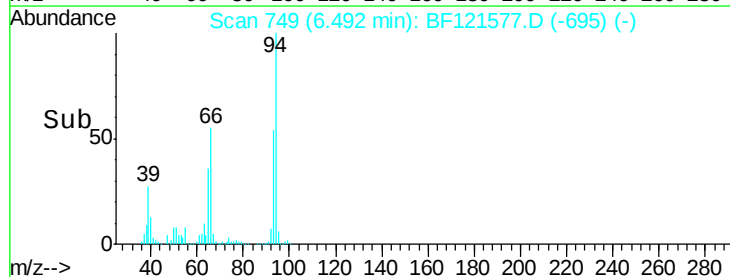
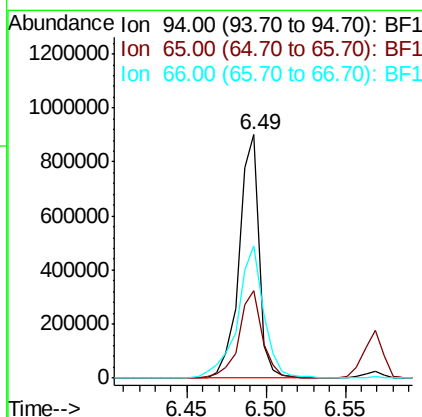
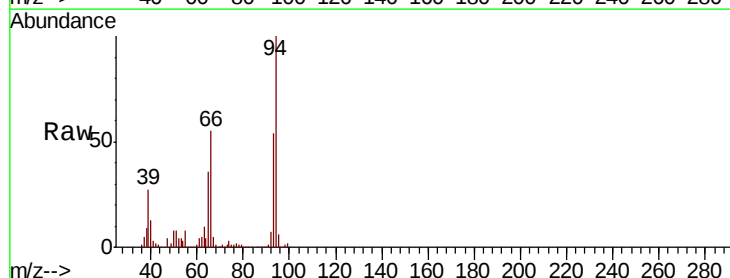
RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Tgt Ion:	94	Resp:	786839
Ion	Ratio	Lower	Upper
94	100		
65	36.0	9.4	49.4
66	54.5	18.3	58.3





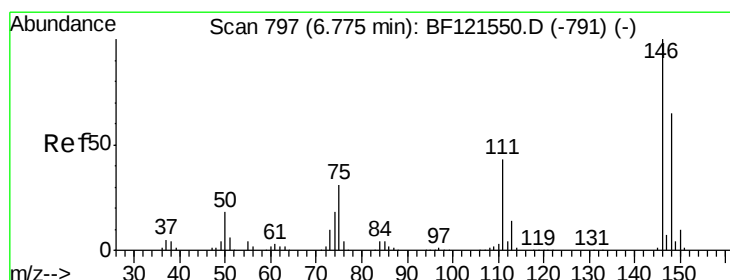
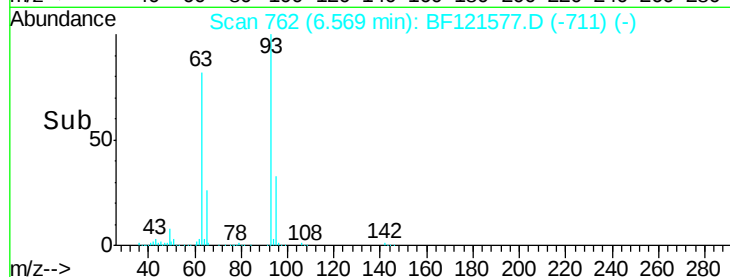
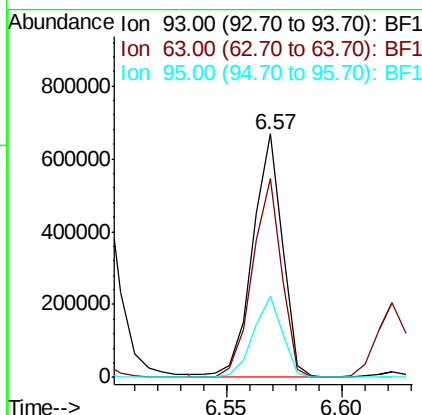
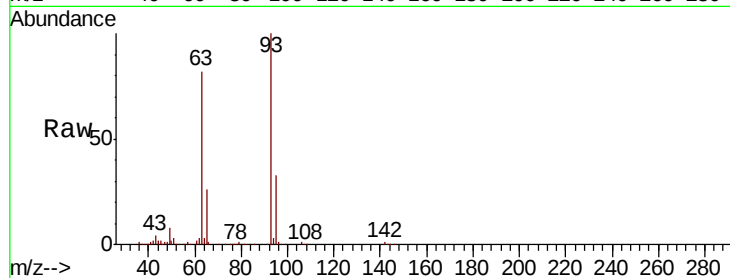
#11
bis(2-Chloroethyl)ether
Concen: 40.327 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	93	Resp:	601214
Ion	Ratio	Lower	Upper
93	100		
63	81.8	61.7	101.7
95	33.3	12.7	52.7

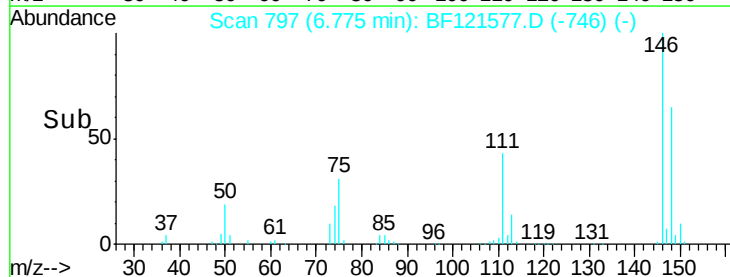
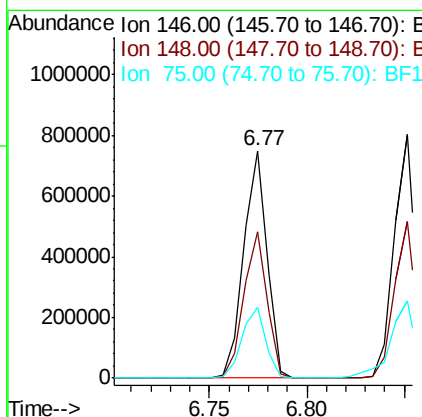
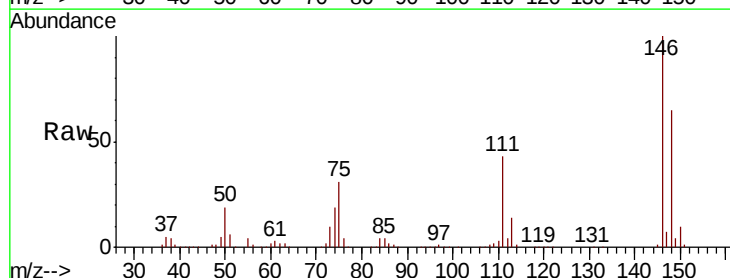
Manual Integrations
APPROVED

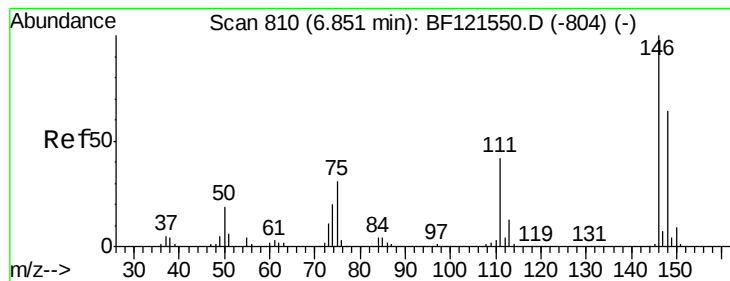
mohammad
9/16/2020 10:14:44 AM



#12
1,3-Dichlorobenzene
Concen: 38.601 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion:	146	Resp:	621097
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	31.3	24.6	36.8





#13

1,4-Dichlorobenzene

Concen: 38.277 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

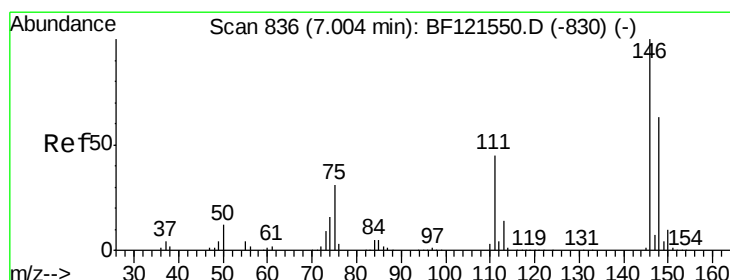
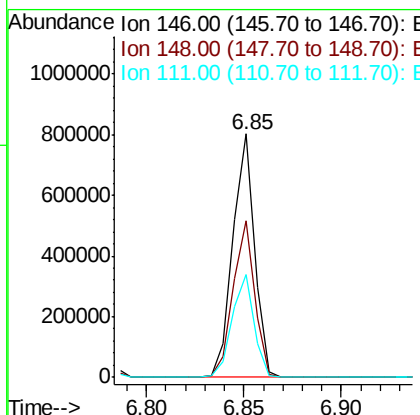
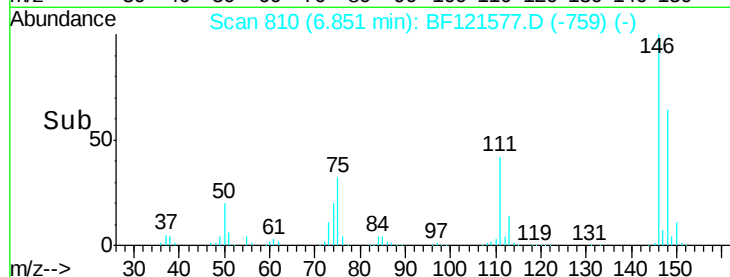
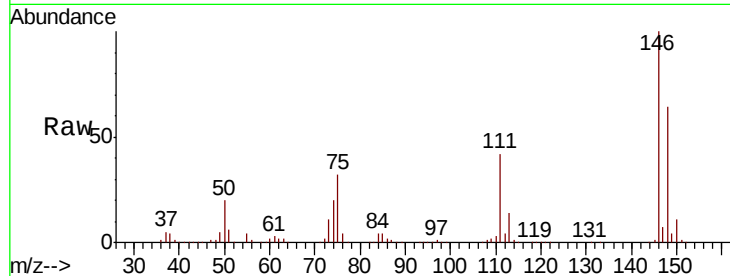
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	146	Resp:	618415
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.2	76.8
111	42.4	33.4	50.0

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



#14

1,2-Dichlorobenzene

Concen: 40.788 ng

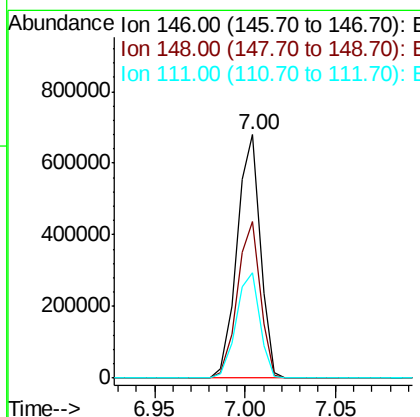
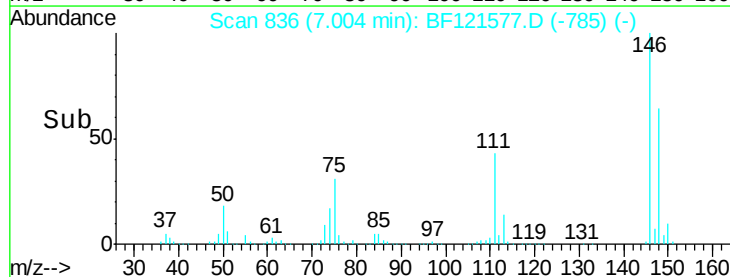
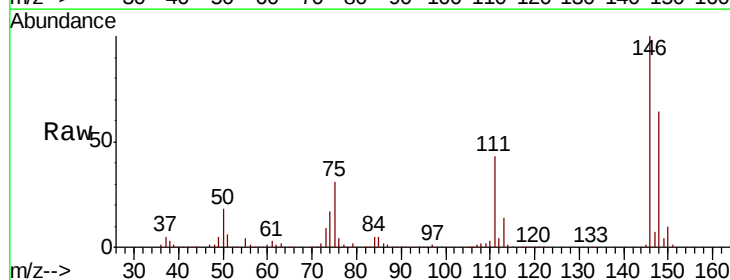
RT: 7.00 min Scan# 836

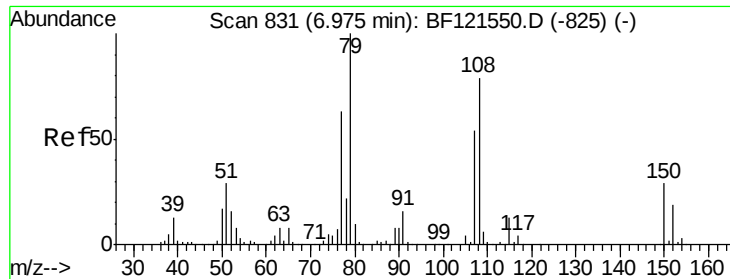
Delta R.T. -0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Tgt Ion:	146	Resp:	607052
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.7	76.1
111	43.3	35.8	53.6





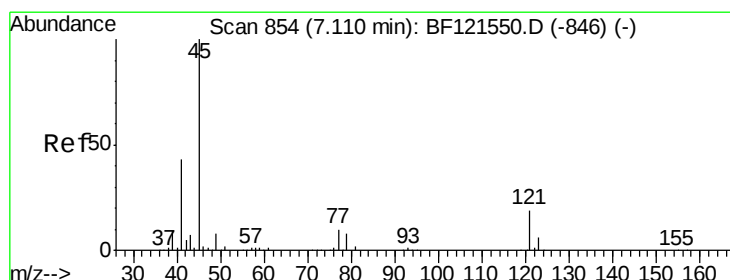
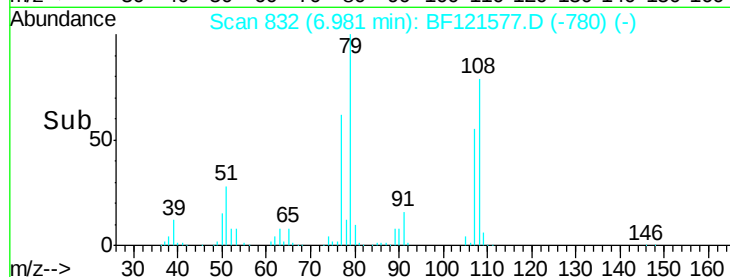
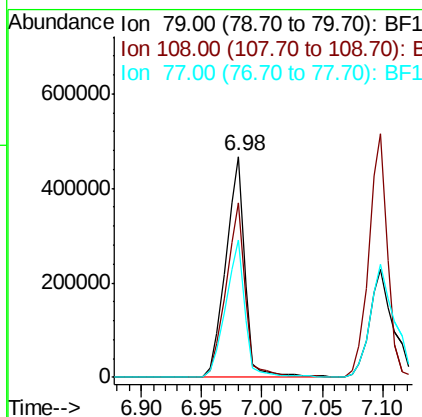
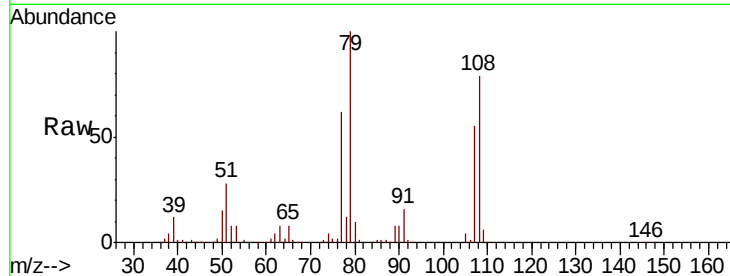
#15
Benzyl Alcohol
Concen: 40.871 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.1	94.7
77	62.4	50.2	75.2

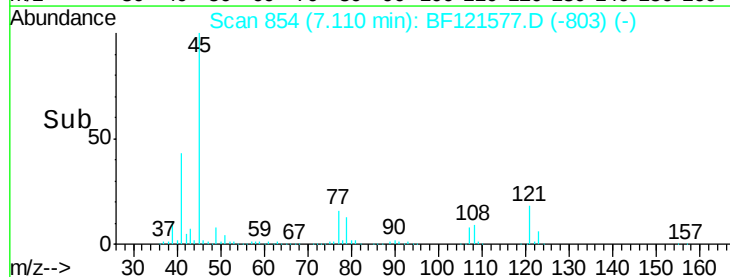
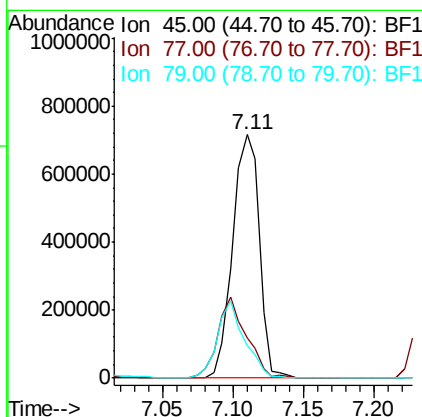
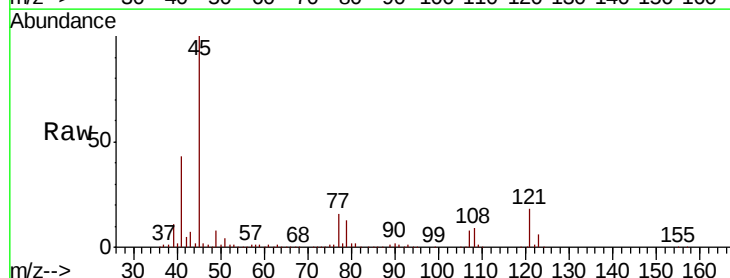
Manual Integrations
APPROVED

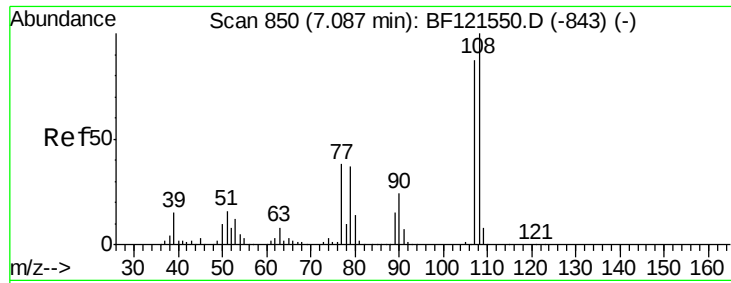
mohammad
9/16/2020 10:14:44 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.080 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	32.5
79	13.3	0.0	29.8





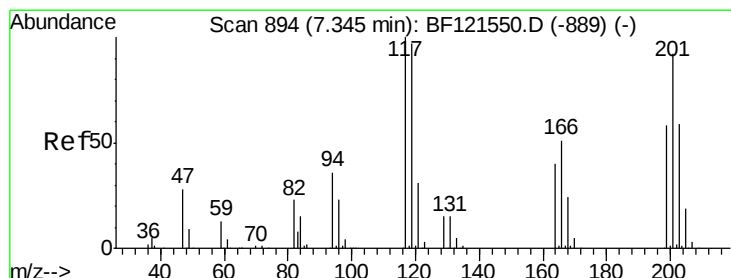
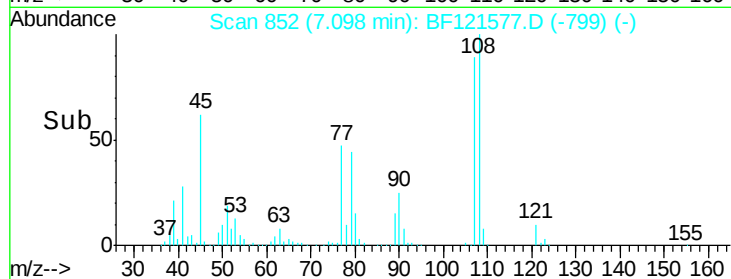
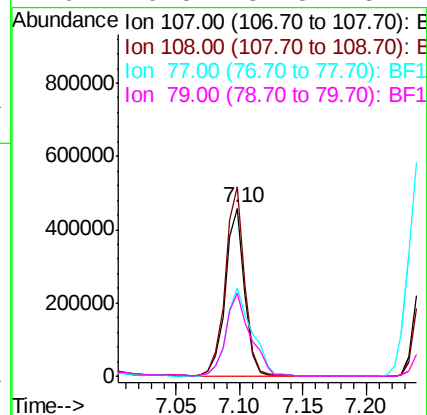
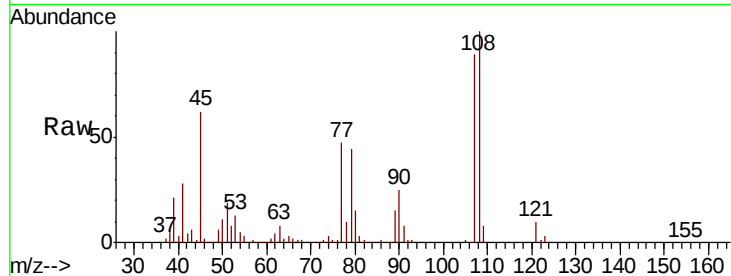
#17
2-Methylphenol
Concen: 39.599 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	92.1	138.1	
77	52.4	35.5	53.3	
79	49.8	34.5	51.7	

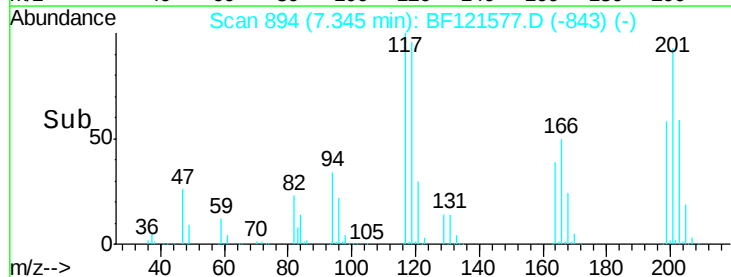
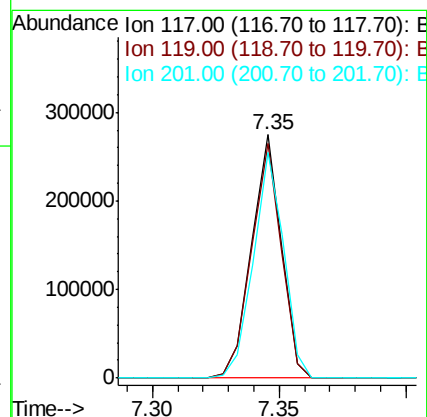
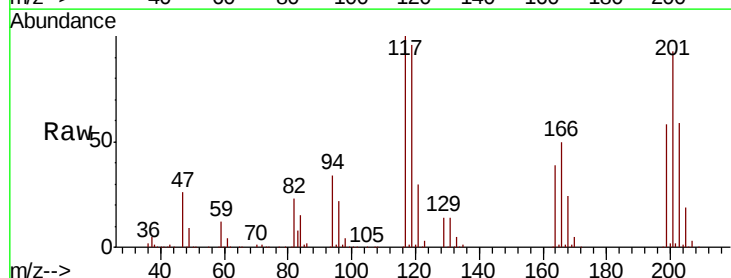
Manual Integrations
APPROVED

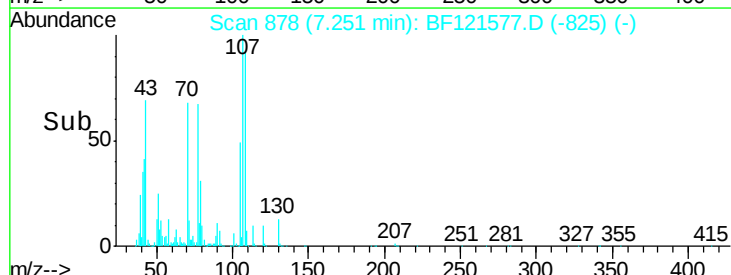
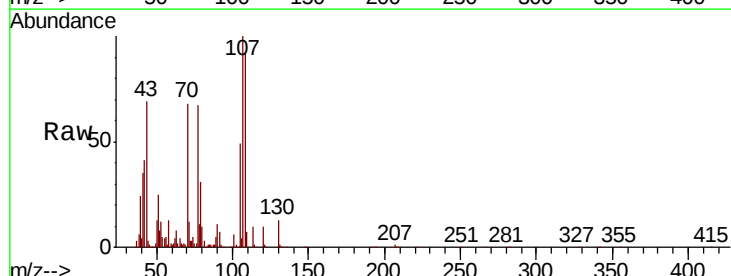
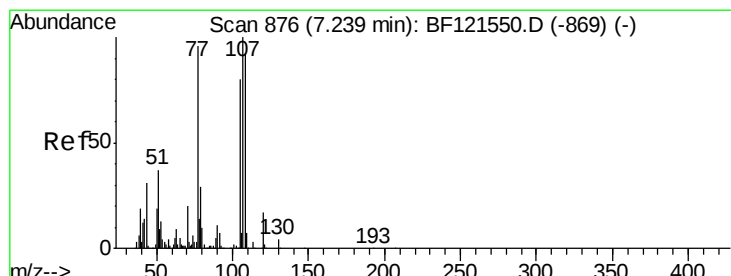
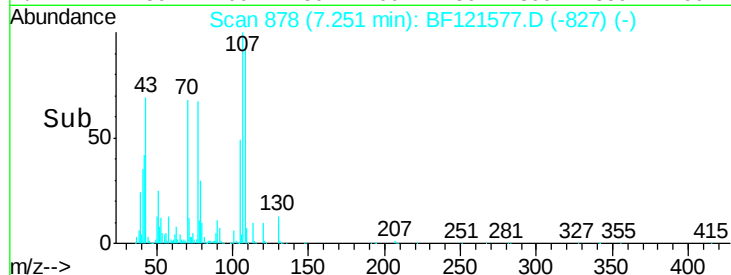
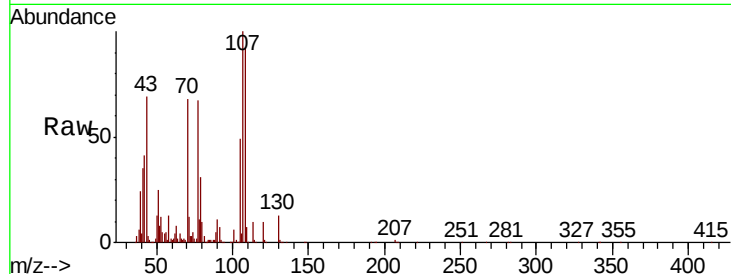
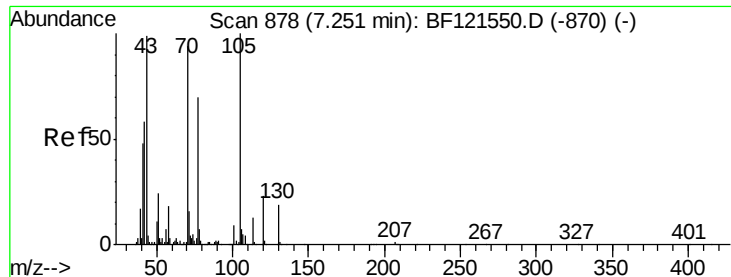
mohammad
9/16/2020 10:14:44 AM



#18
Hexachloroethane
Concen: 38.878 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	77.2	115.8	
201	92.5	73.7	110.5	





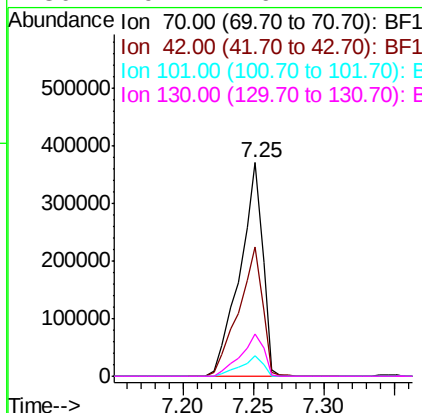
#19
n-Nitroso-di-n-propylamine
Concen: 39.099 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.6	49.4	74.2	
101	9.4	7.6	11.4	
130	19.7	16.2	24.4	

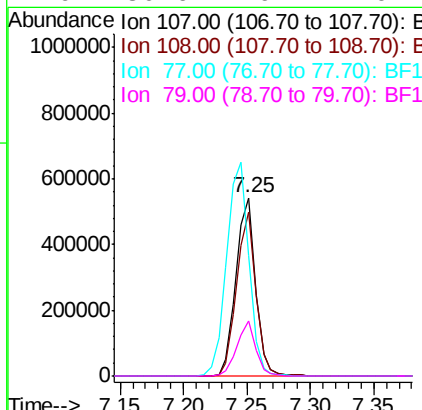
Manual Integrations
APPROVED

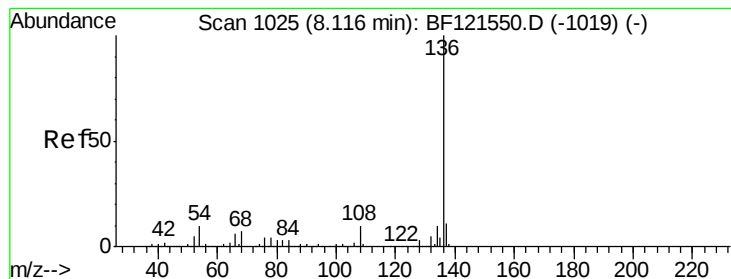
mohammad
9/16/2020 10:14:44 AM



#20
3+4-Methylphenols
Concen: 39.056 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	71.8	111.8	
77	67.3	75.5	115.5#	
79	30.6	9.2	49.2	





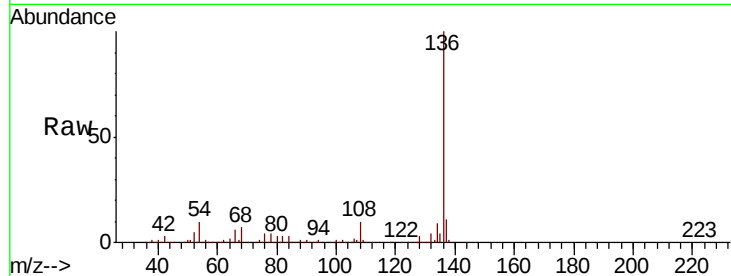
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

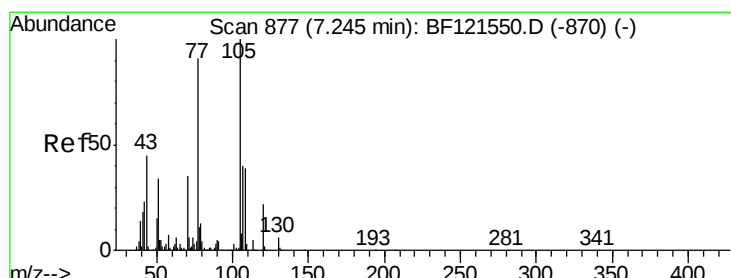
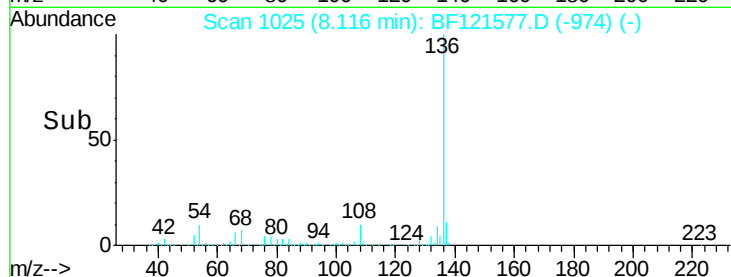
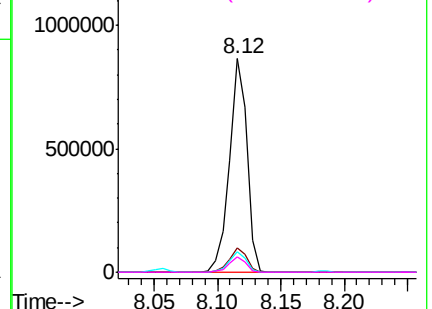
Tot Ion	Ratio	Resp	Lower	Upper
136	100	828141		
137	11.3	9.0	13.6	
54	9.8	7.6	11.4	
68	7.2	5.7	8.5	

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



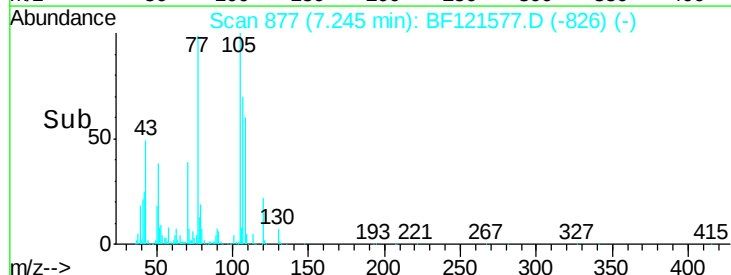
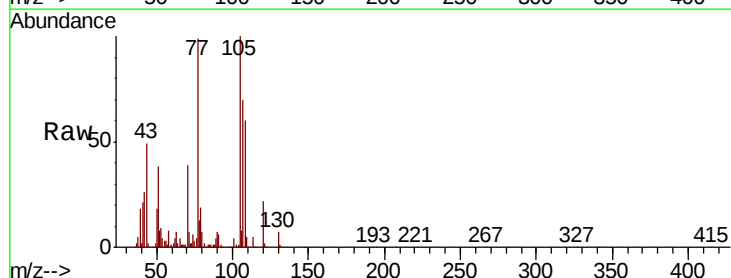
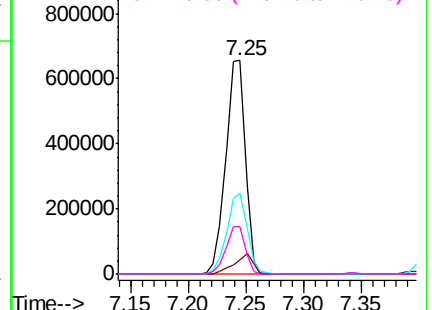
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

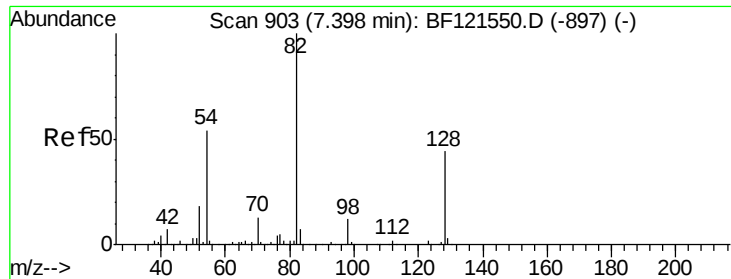


#22
Acetophenone
Concen: 36.933 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	776018		
71	6.7	4.6	7.0	
51	37.9	27.6	41.4	
120	22.0	17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23
 Nitrobenzene-d5
 Concen: 65.462 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

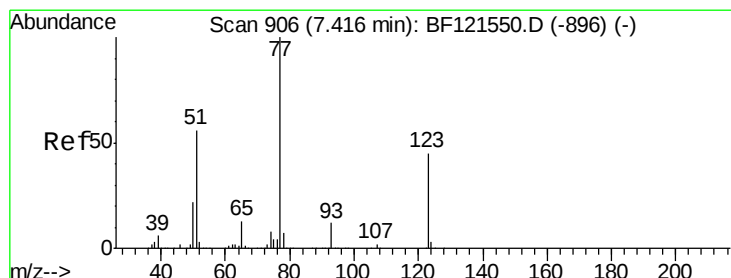
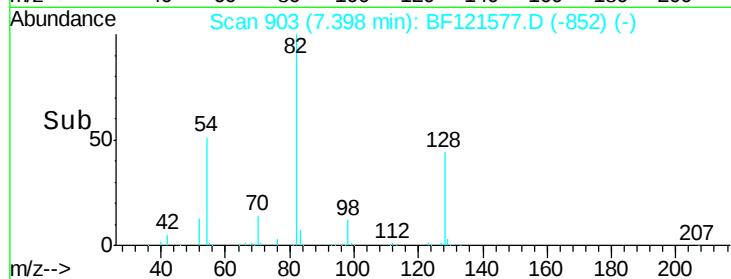
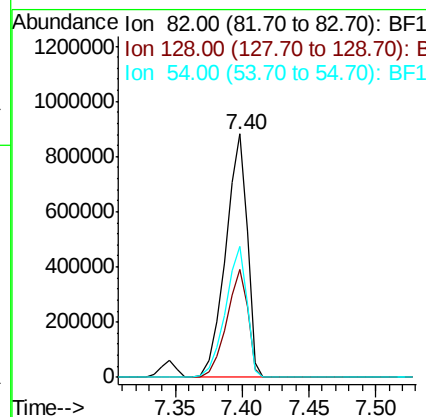
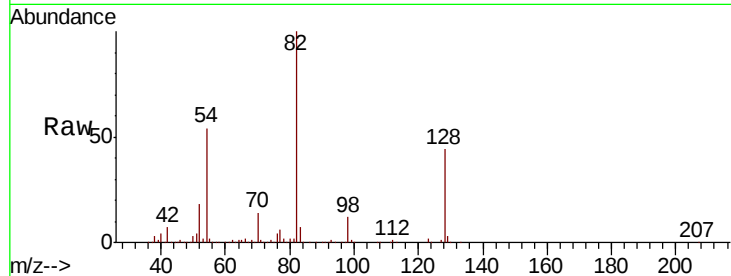
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMS

Tot Ion: 82 Resp: 1009686

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.1	52.7
54	53.7	43.0	64.6

Manual Integrations
 APPROVED

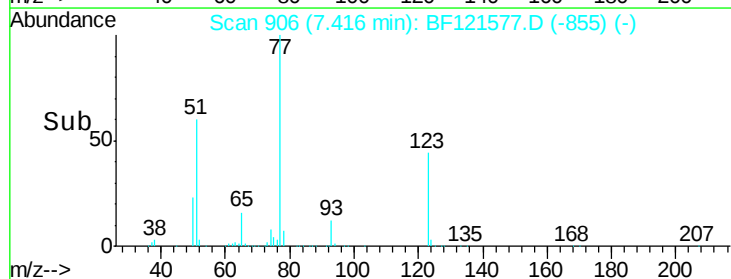
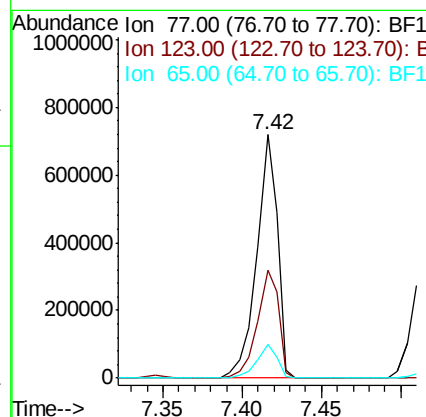
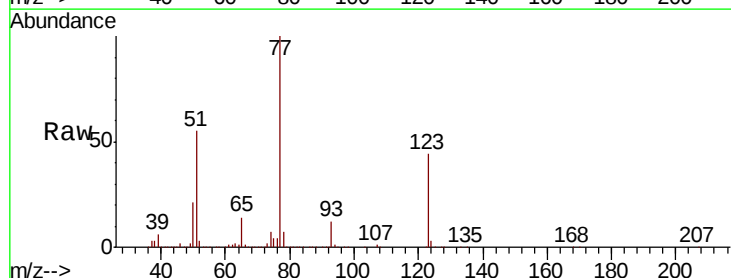
mohammad
 9/16/2020 10:14:44 AM

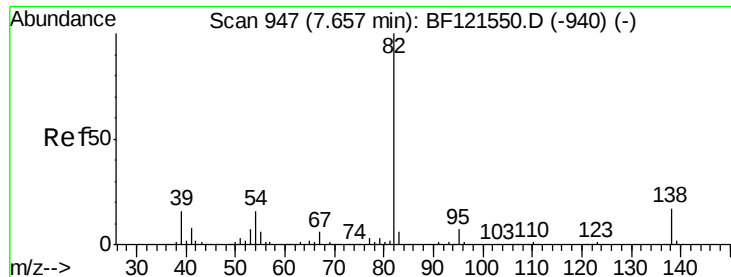


#24
 Nitrobenzene
 Concen: 38.900 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Tgt Ion: 77 Resp: 648924

Ion	Ratio	Lower	Upper
77	100		
123	44.3	35.8	53.8
65	13.8	10.7	16.1





#25

Isophorone

Concen: 37.802 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion: 82 Resp: 1173716

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

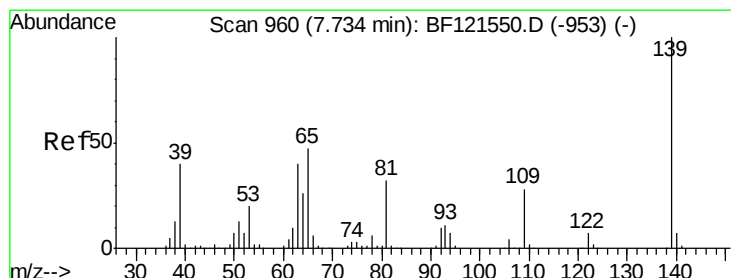
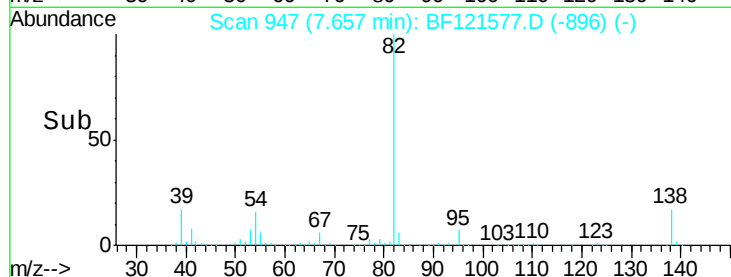
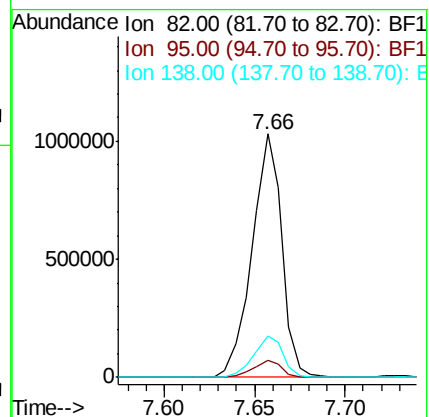
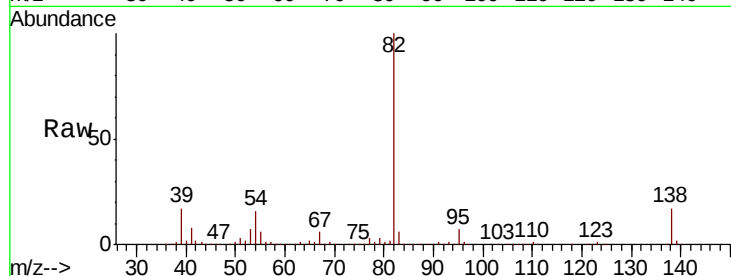
138 17.1 13.7 20.5

Manual Integrations

APPROVED

mohammad

9/16/2020 10:14:44 AM



#26

2-Nitrophenol

Concen: 39.400 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

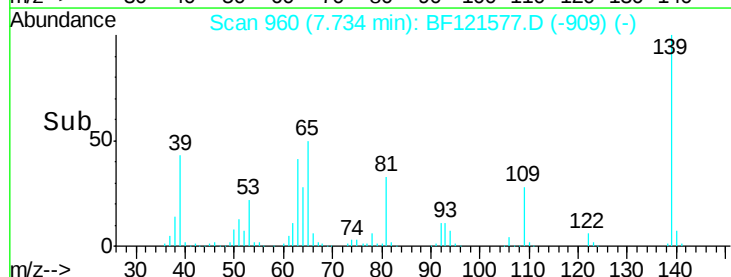
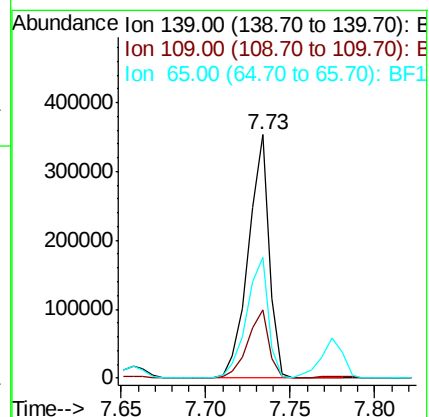
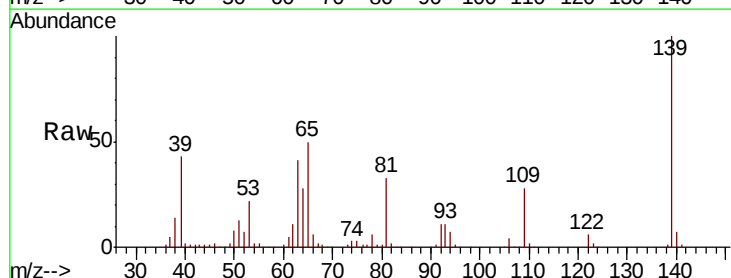
Tgt Ion: 139 Resp: 305620

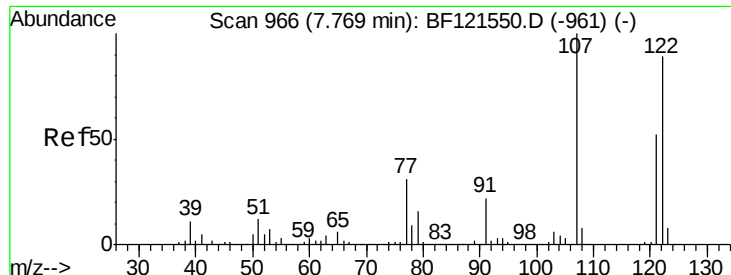
Ion Ratio Lower Upper

139 100

109 28.1 22.4 33.6

65 49.7 37.6 56.4





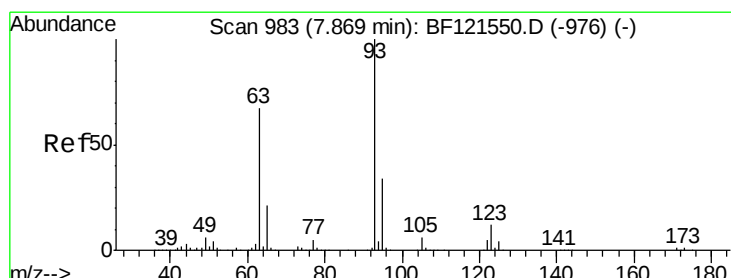
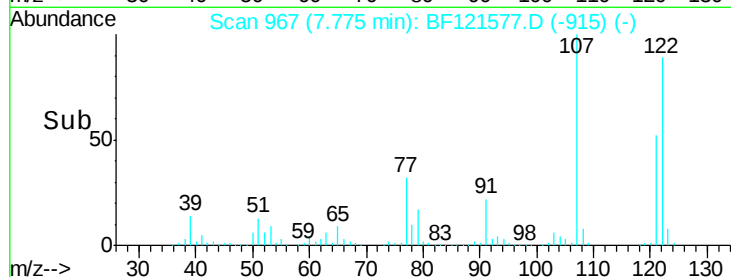
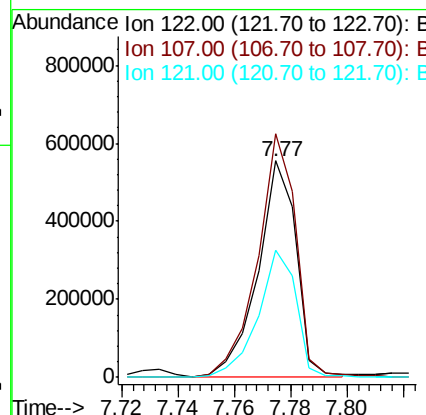
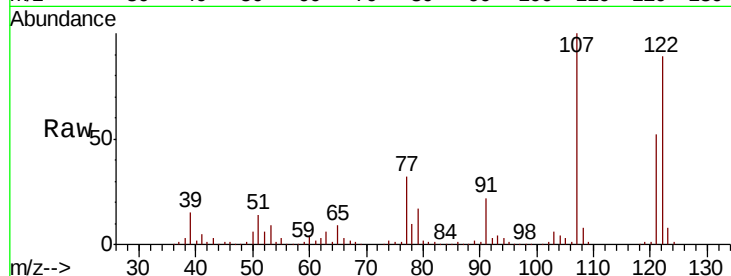
#27
 2,4-Dimethylphenol
 Concen: 37.909 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.4	89.5	134.3
121	58.6	46.6	70.0

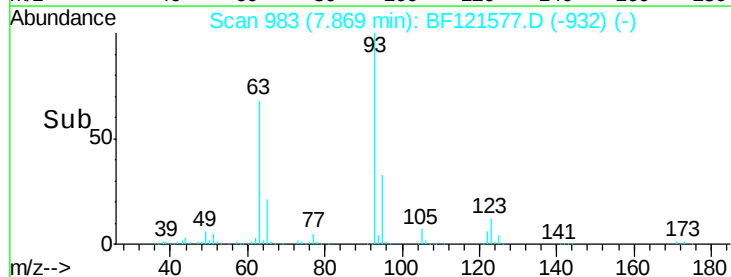
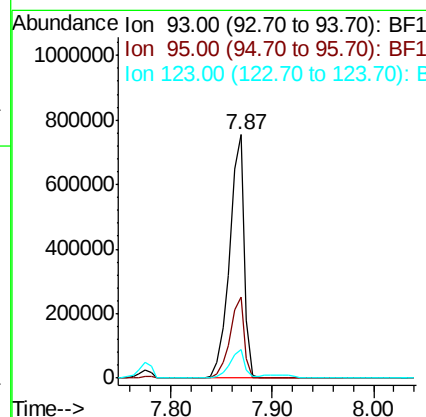
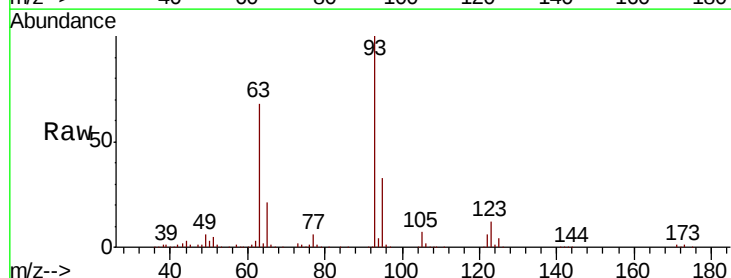
Manual Integrations
 APPROVED

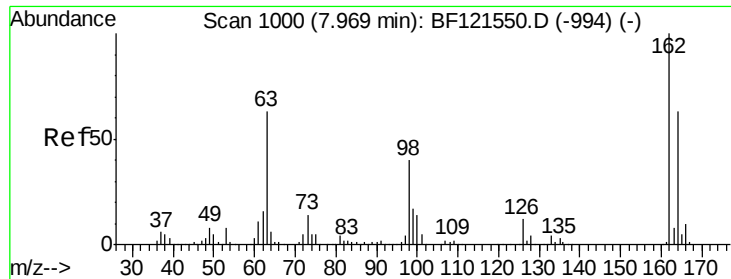
mohammad
 9/16/2020 10:14:44 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.187 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.8	40.2
123	11.6	9.7	14.5





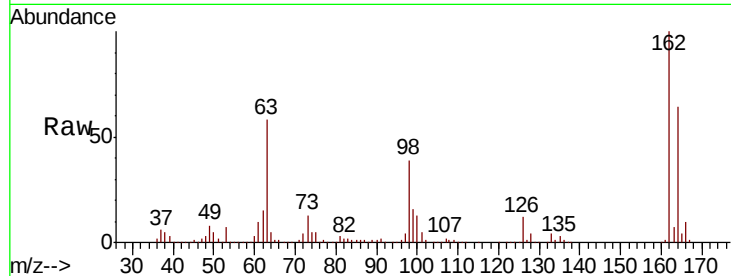
#29
2,4-Dichlorophenol
Concen: 38.970 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	491932		
164	64.0	43.5	83.5	
98	39.1	20.2	60.2	

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM

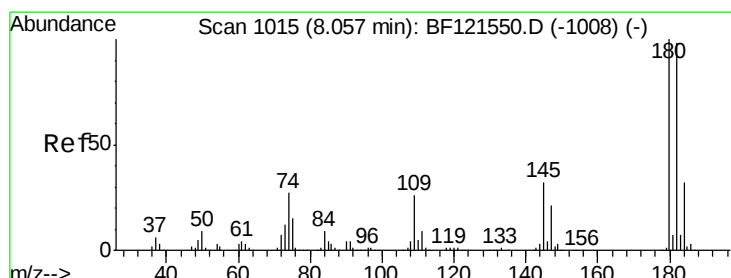
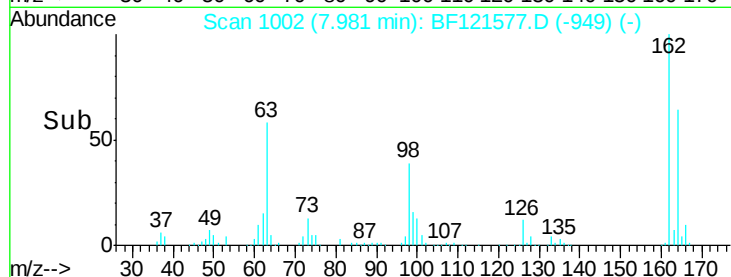
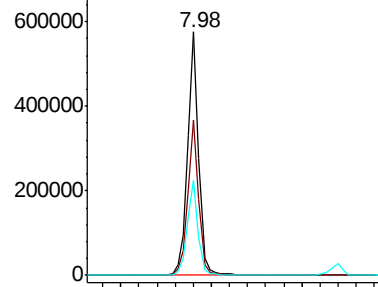


Abundance

Ion 162.00 (161.70 to 162.70): E

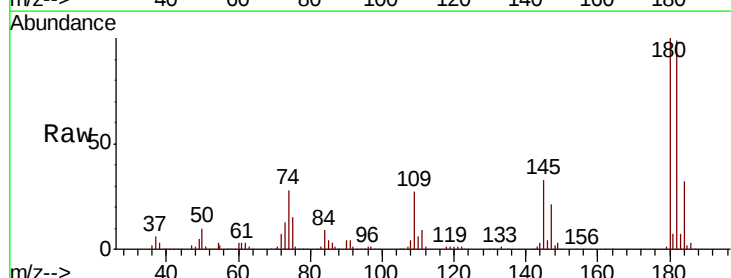
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.253 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	508563		
182	98.9	78.7	118.1	
145	32.6	26.0	39.0	

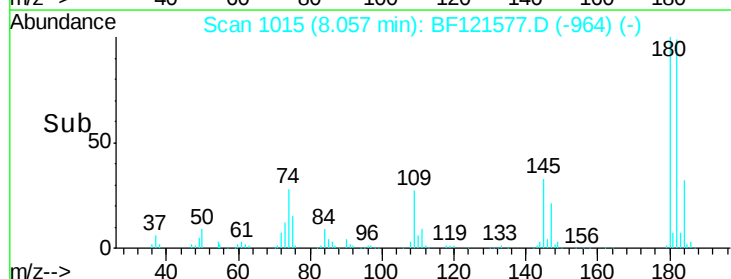
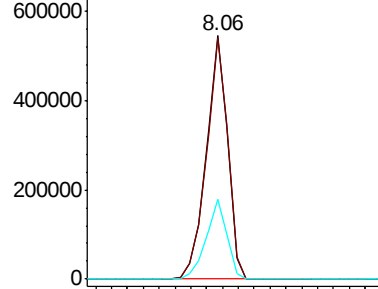


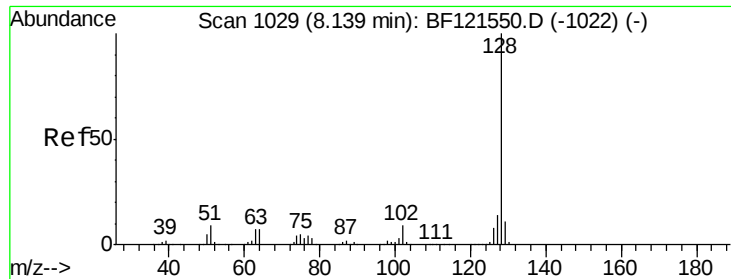
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





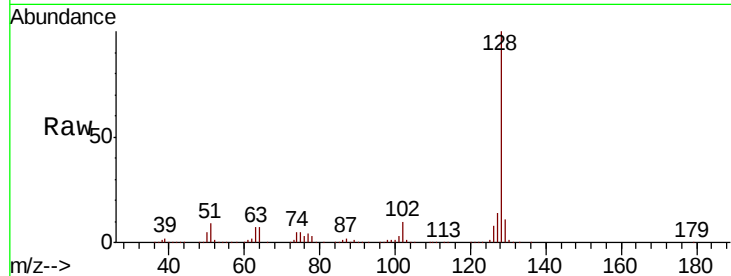
#31
Naphthalene
Concen: 37.576 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

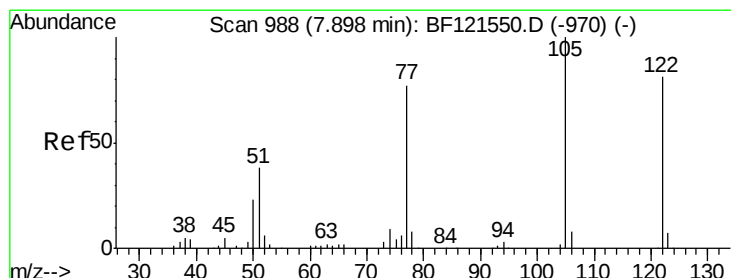
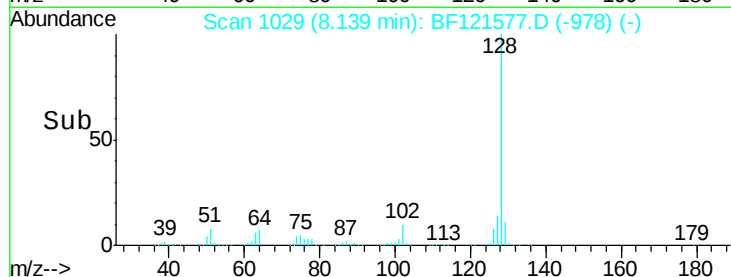
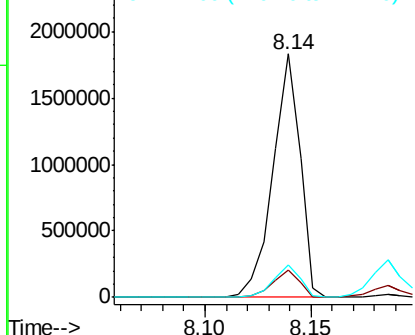
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.5	11.0	16.6

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM

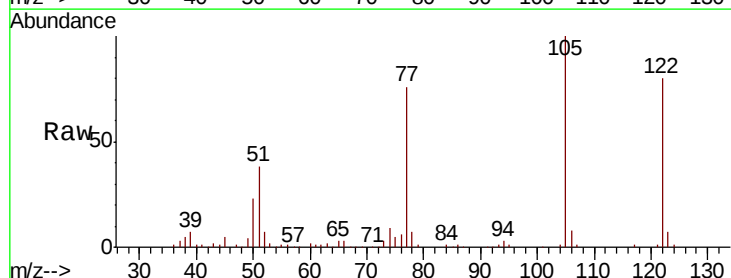


Abundance Ion 128.00 (127.70 to 128.70): E
2500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

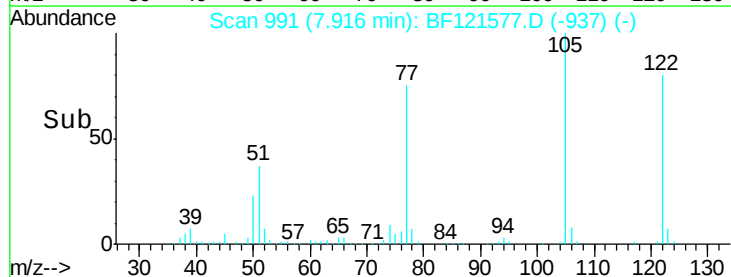
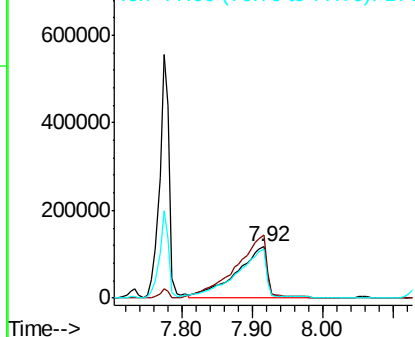


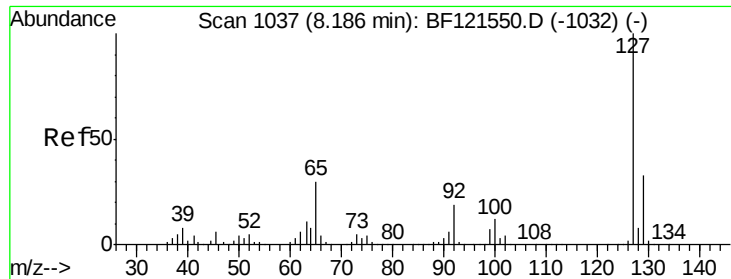
#32
Benzoic acid
Concen: 36.460 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.02 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.4	100.5	140.5
77	95.2	72.6	112.6



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





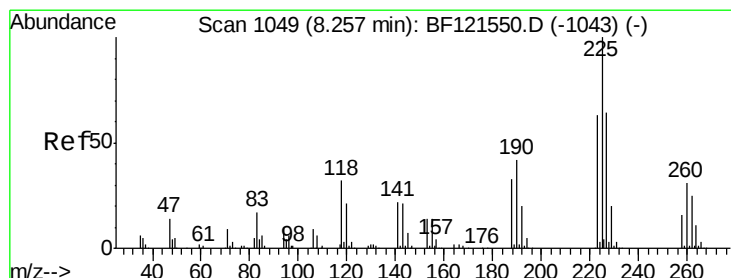
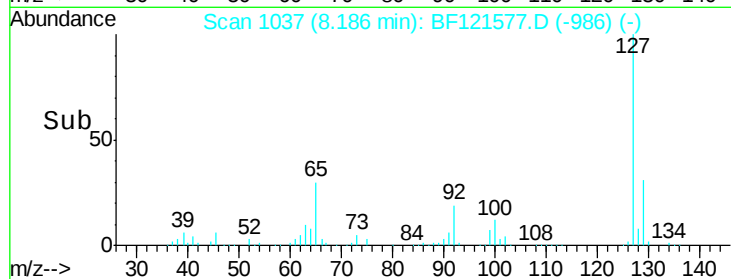
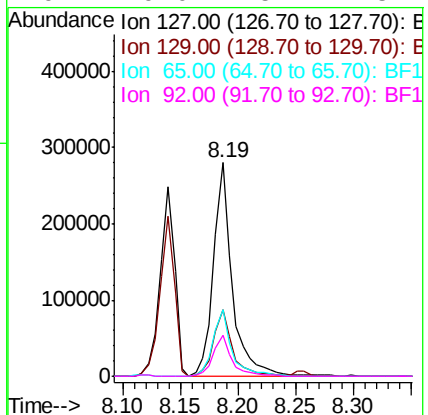
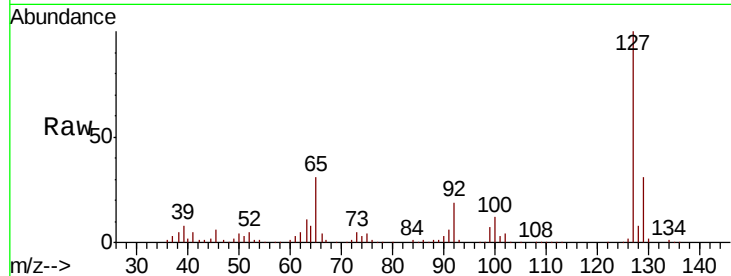
#33
4-Chloroaniline
Concen: 16.664 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.4	39.6		
65	30.9	24.4	36.6		
92	19.0	15.4	23.2		

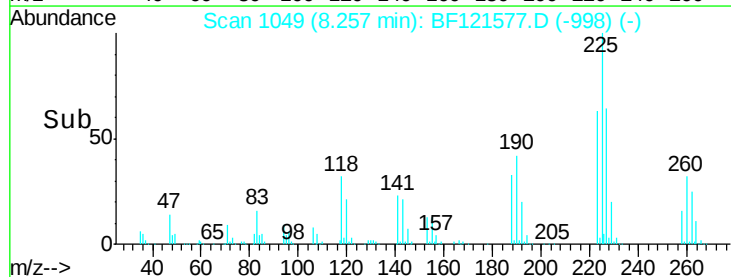
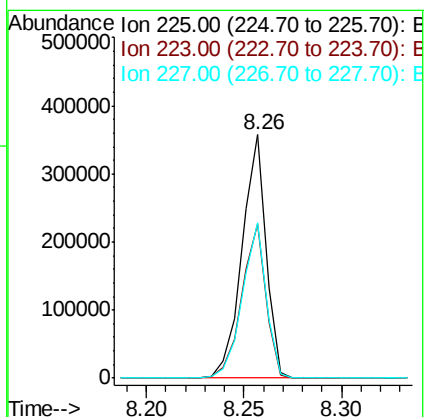
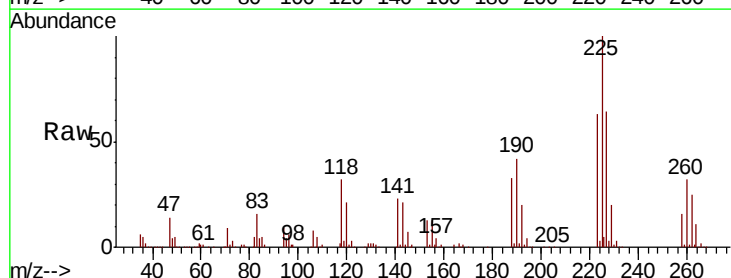
Manual Integrations
APPROVED

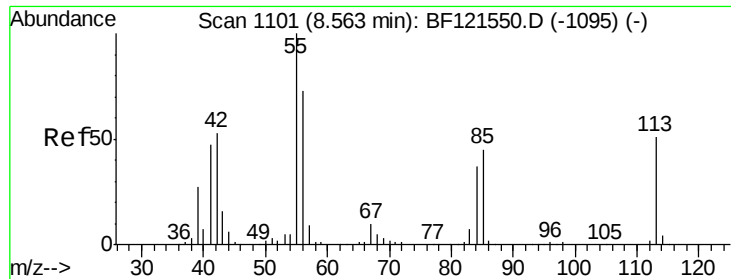
mohammad
9/16/2020 10:14:44 AM



#34
Hexachlorobutadiene
Concen: 39.048 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.2	75.2		
227	63.7	51.0	76.4		





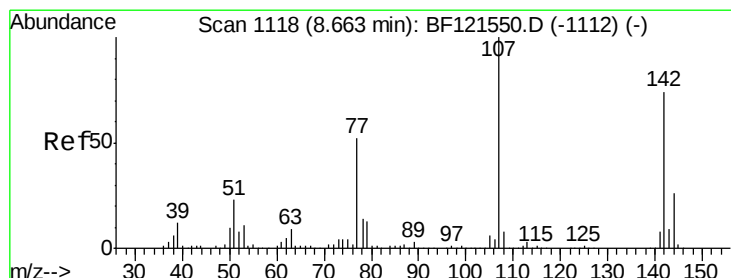
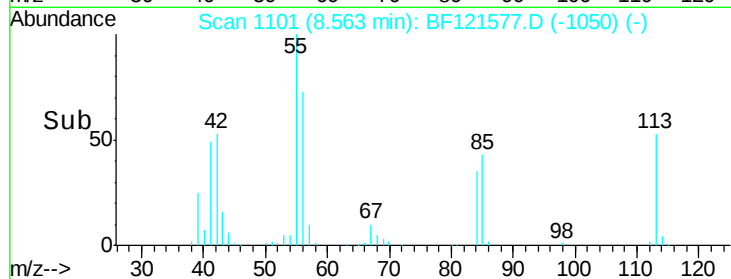
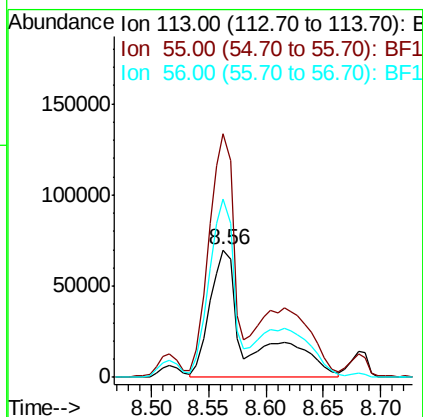
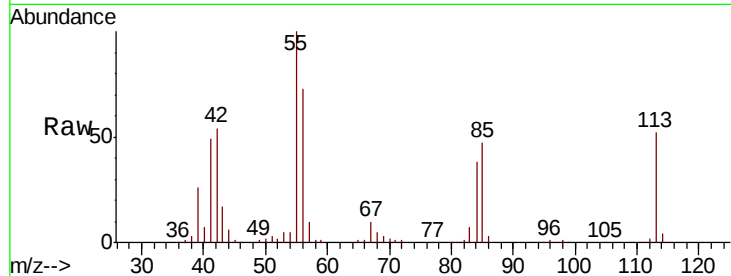
#35
Caprolactam
Concen: 40.191 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	191.1	176.2	216.2
56	139.8	123.9	163.9

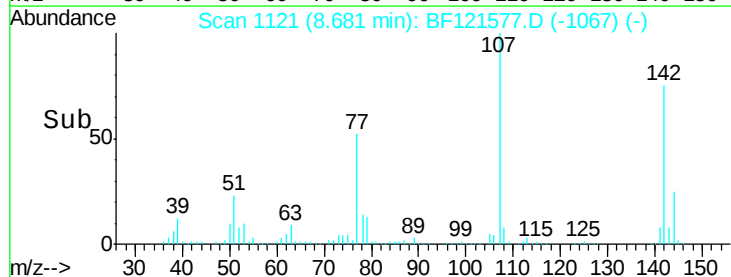
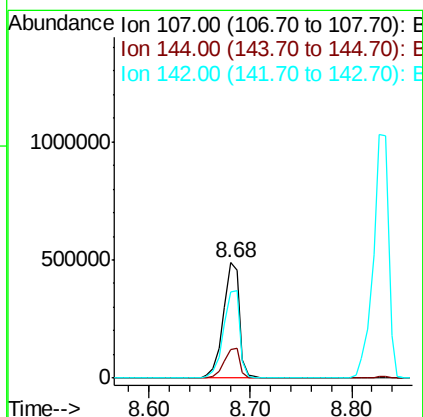
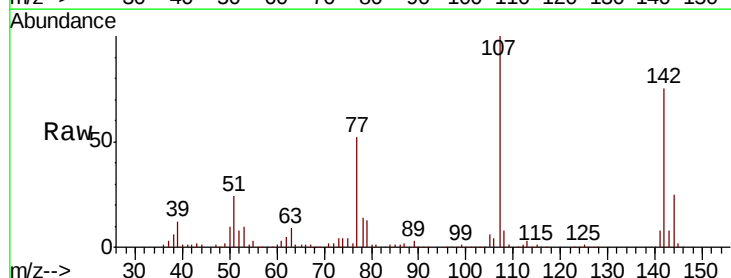
Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



#36
4-Chloro-3-methylphenol
Concen: 39.631 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. 0.02 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	75.2	59.5	89.3





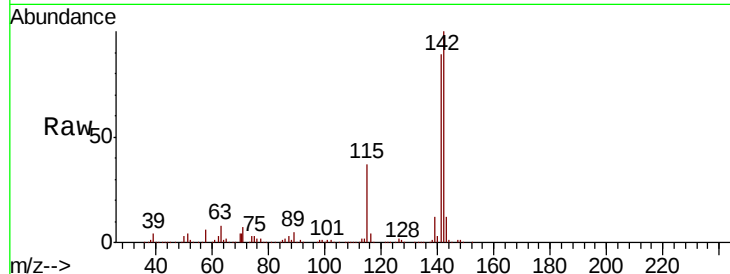
#37
2-Methylnaphthalene
Concen: 37.879 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.5	107.3
115	36.6	28.7	43.1

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM

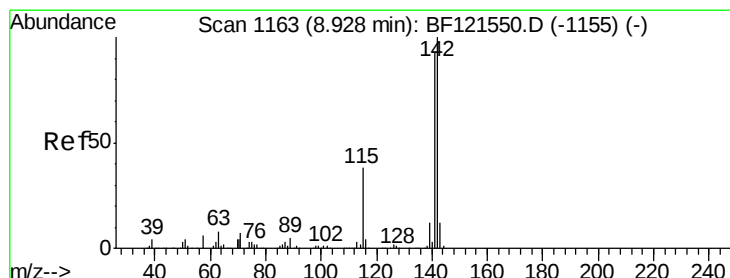
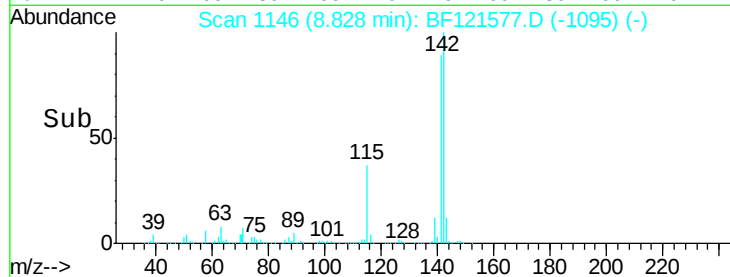
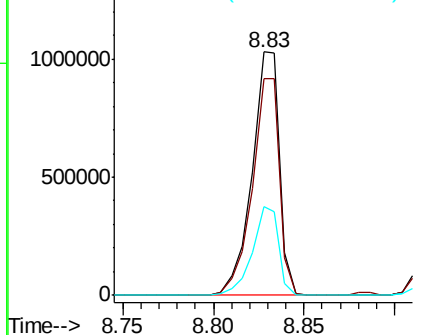


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.064 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

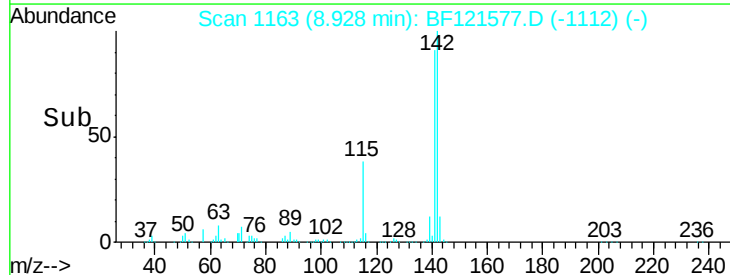
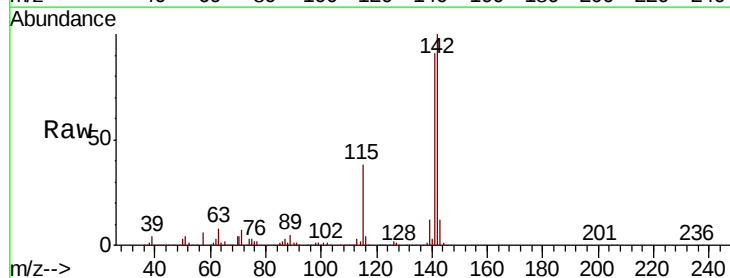
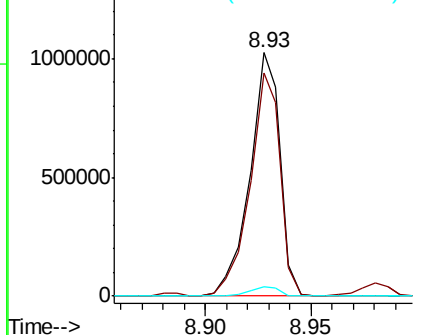
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.8	112.2
116	4.1	3.0	4.6

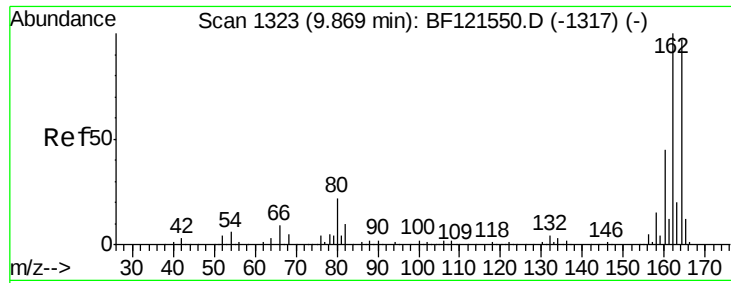
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





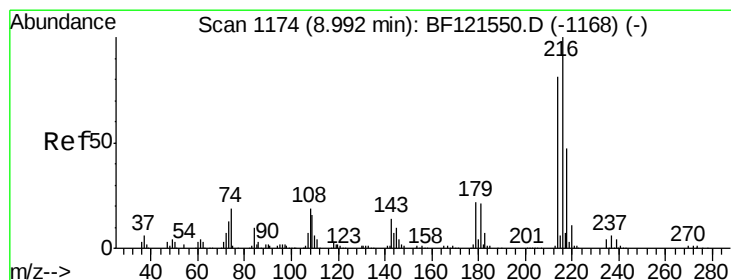
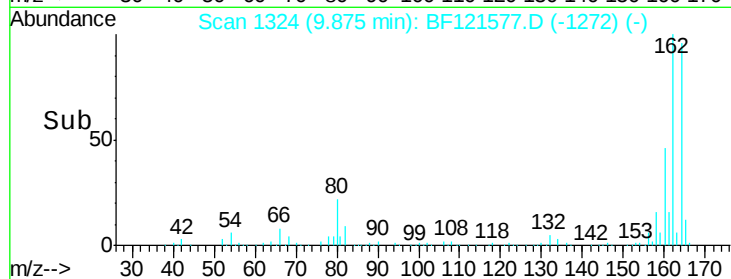
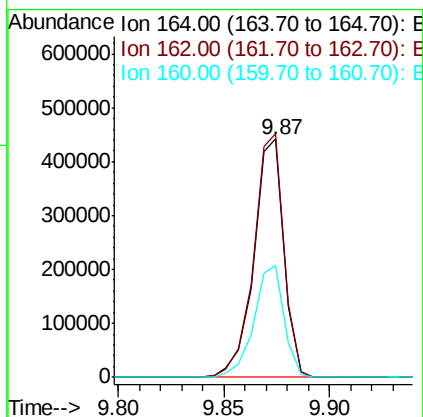
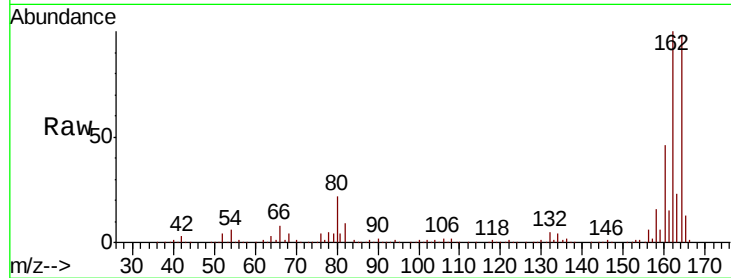
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.3	123.5
160	47.1	37.0	55.4

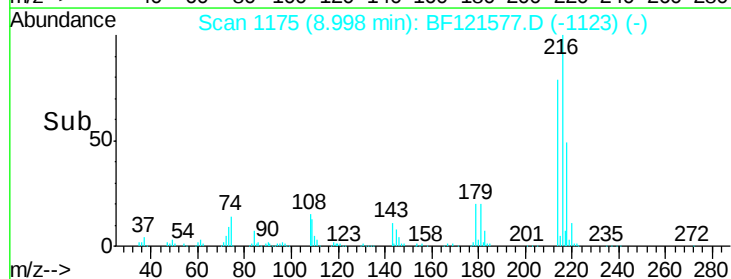
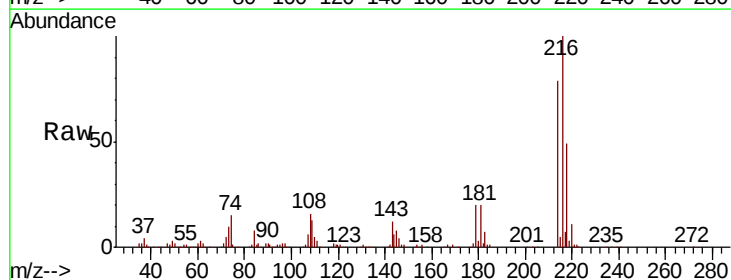
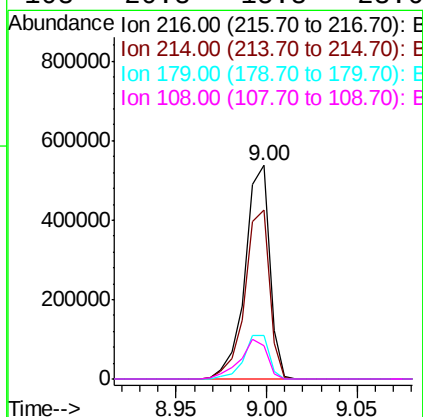
Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.022 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	21.2	16.6	25.0
108	20.8	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 55.702 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

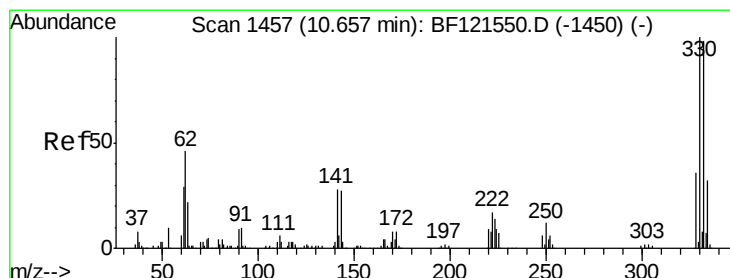
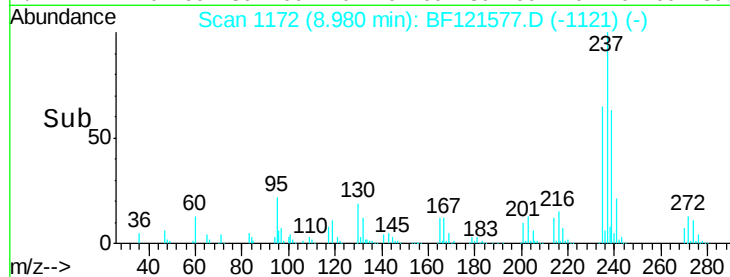
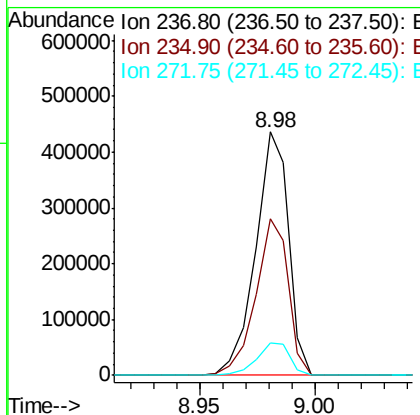
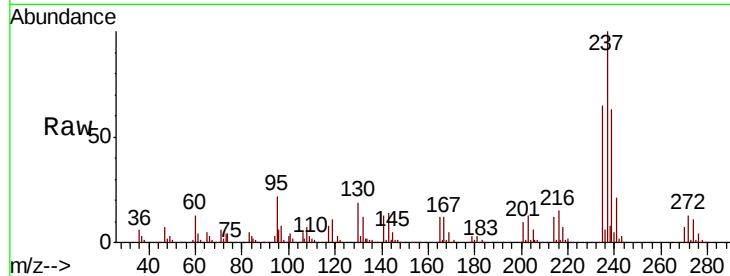
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	237	Resp:	434653
Ion Ratio	Lower	Upper	
237	100		
235	64.5	44.0	84.0
272	13.1	0.0	33.4

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



#42

2,4,6-Tribromophenol

Concen: 88.814 ng

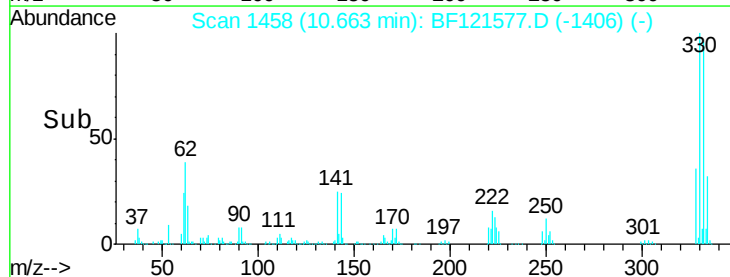
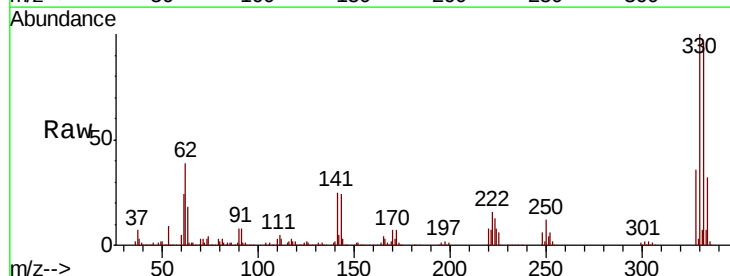
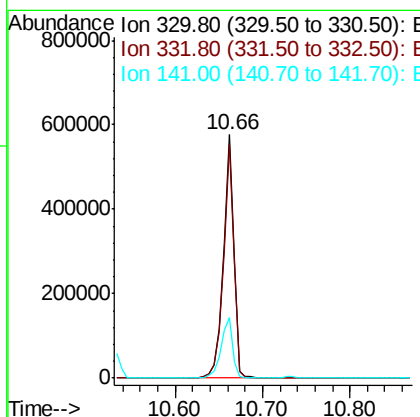
RT: 10.66 min Scan# 1458

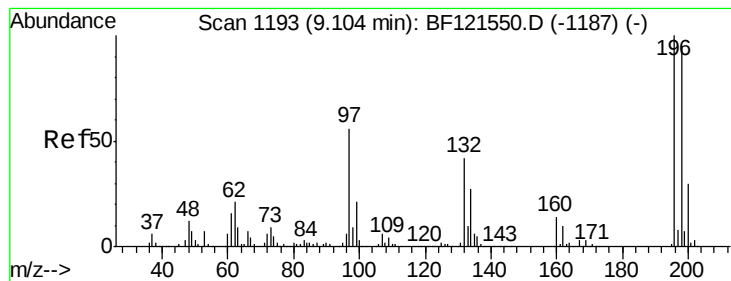
Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Tgt Ion:	330	Resp:	482862
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.1	115.7
141	27.5	23.6	35.4





#43

2,4,6-Trichlorophenol

Concen: 39.034 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

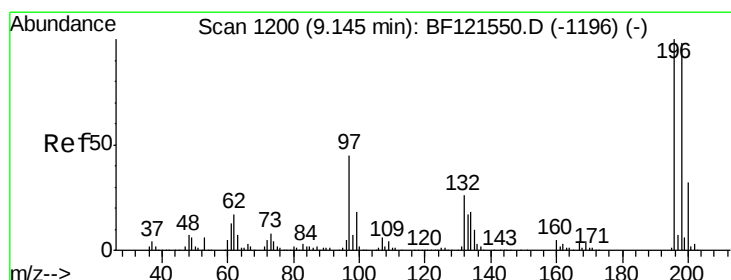
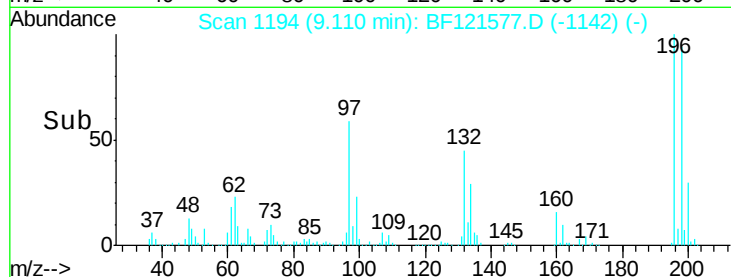
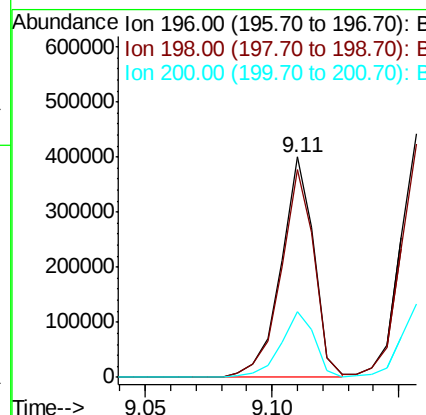
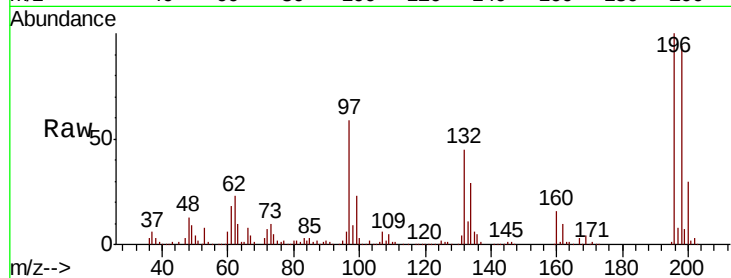
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	196	Resp:	363551
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.6	113.4
200	29.6	24.0	36.0

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



#44

2,4,5-Trichlorophenol

Concen: 39.158 ng

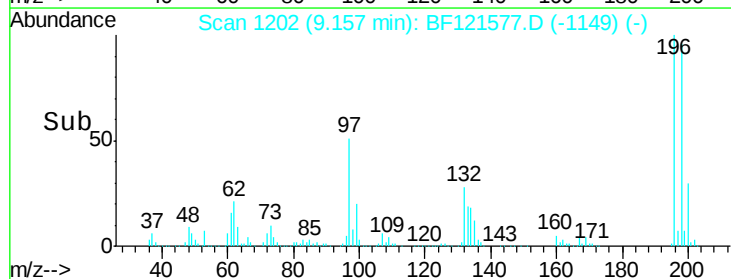
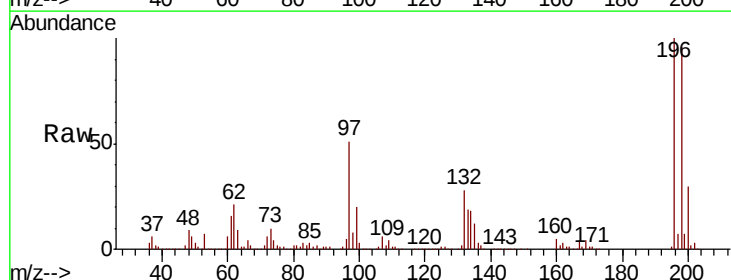
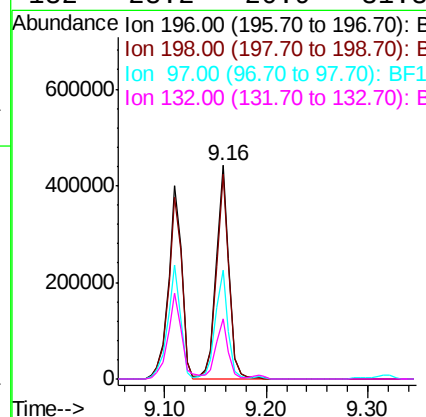
RT: 9.16 min Scan# 1202

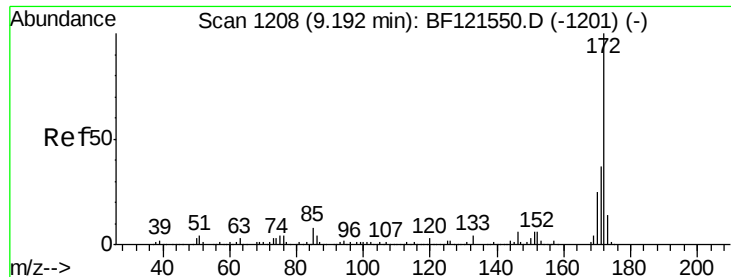
Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Tgt Ion:	196	Resp:	385555
Ion Ratio	Lower	Upper	
196	100		
198	95.8	78.1	117.1
97	50.7	36.8	55.2
132	28.2	20.9	31.3





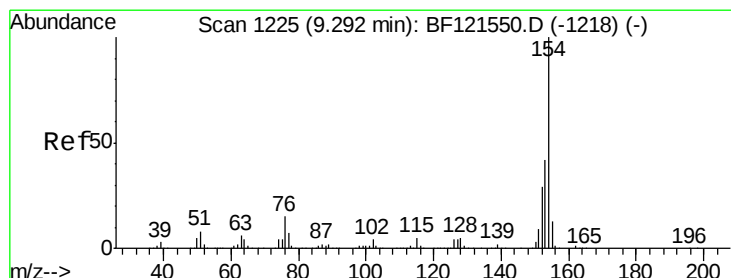
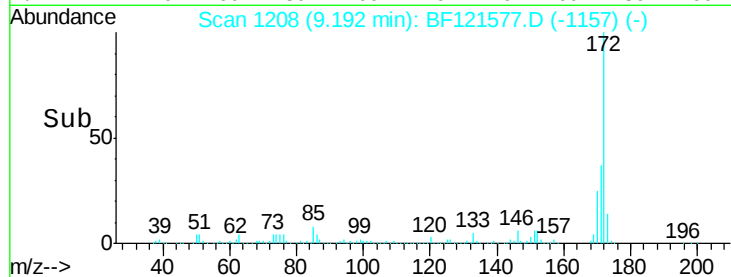
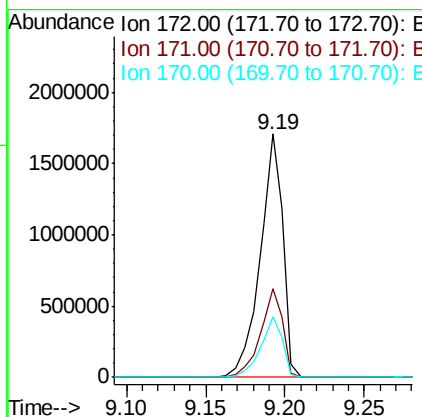
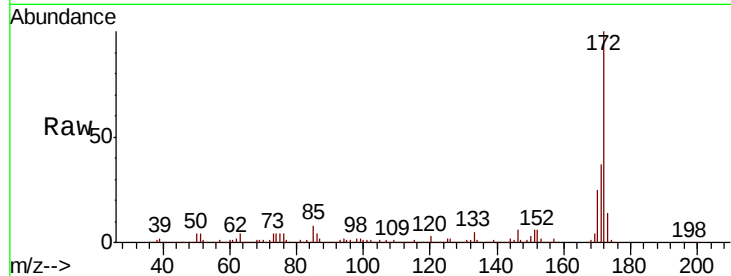
#45
2-Fluorobiphenyl
Concen: 59.005 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	29.8	44.6	
170	24.8	19.8	29.8	

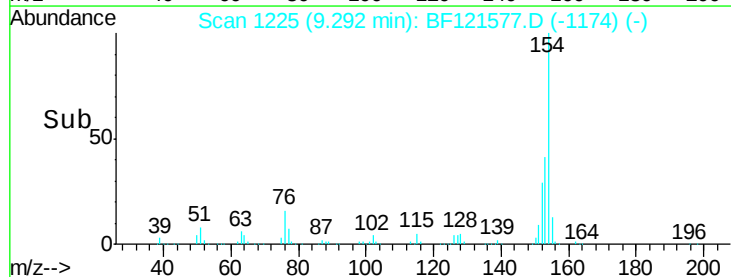
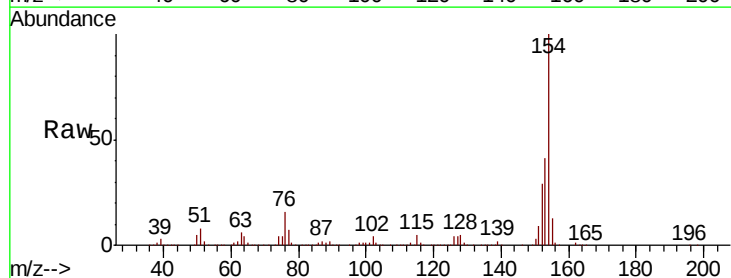
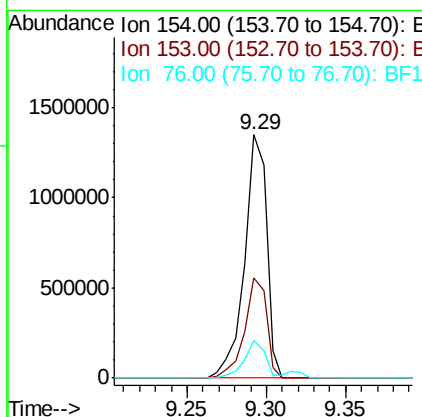
Manual Integrations
APPROVED

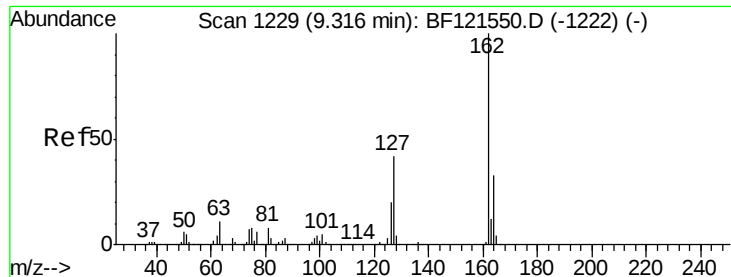
mohammad
9/16/2020 10:14:44 AM



#46
1,1'-Biphenyl
Concen: 37.176 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.0	21.7	61.7	
76	15.5	0.0	35.5	





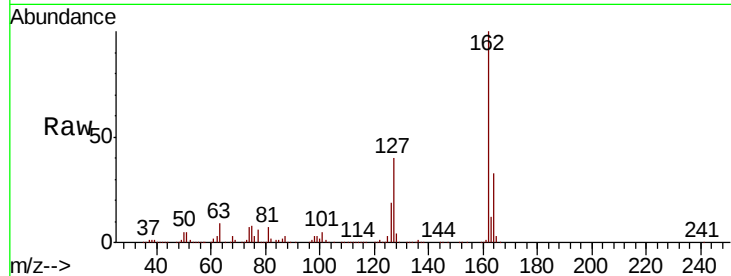
#47
2-Chloronaphthalene
Concen: 37.273 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

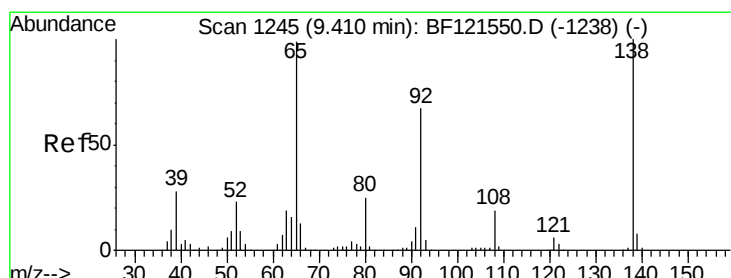
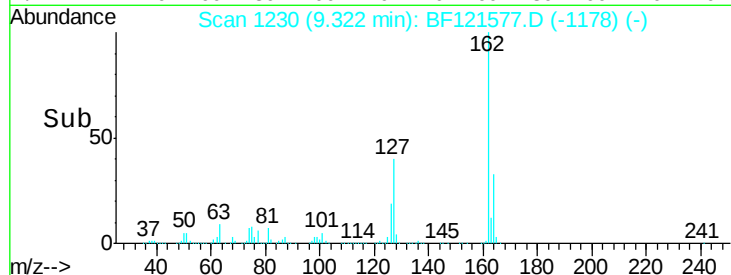
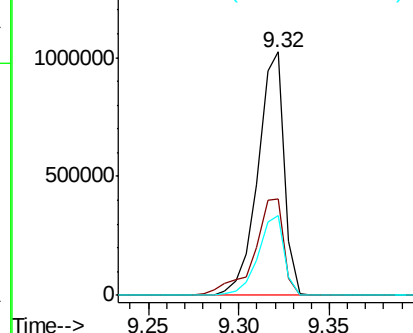
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.9	50.9
164	33.0	26.7	40.1

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM

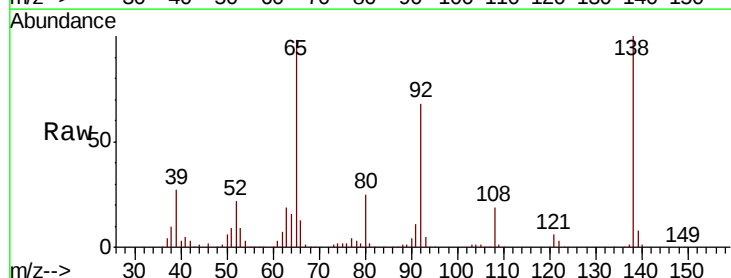


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

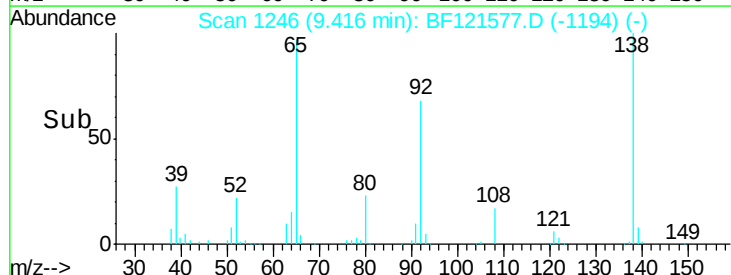
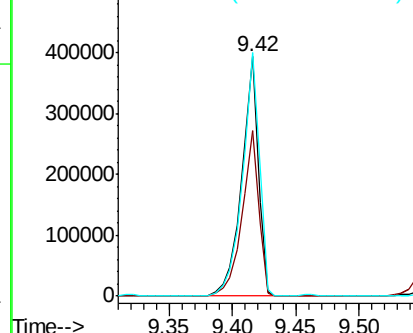


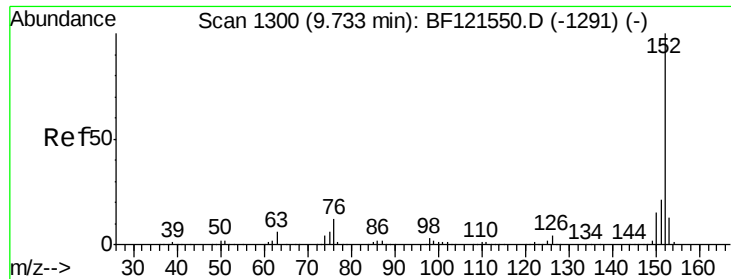
#48
2-Nitroaniline
Concen: 41.336 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.2	81.4
138	101.7	80.8	121.2



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





#49

Acenaphthylene

Concen: 37.680 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:152 Resp: 1597695

Ion Ratio Lower Upper

152 100

151 20.8 16.6 24.8

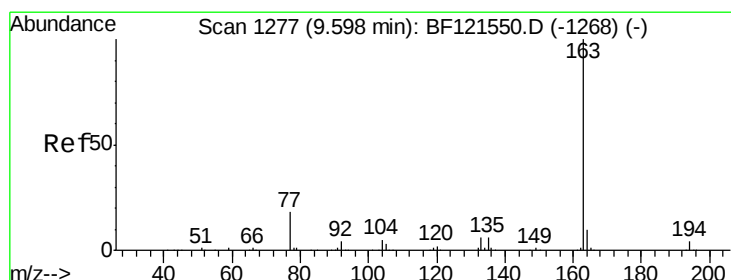
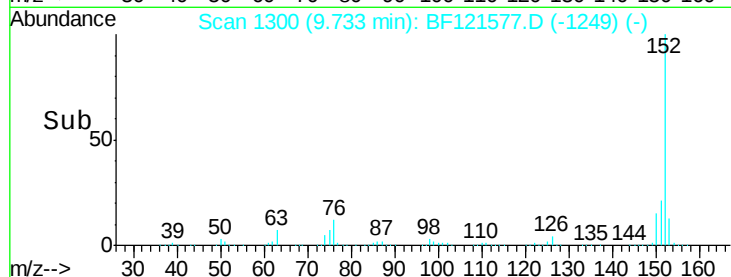
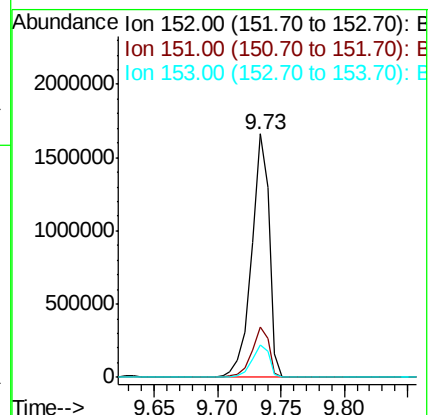
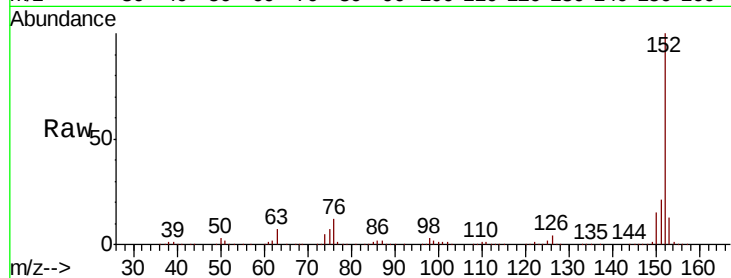
153 13.4 10.7 16.1

Manual Integrations

APPROVED

mohammad

9/16/2020 10:14:44 AM



#50

Dimethylphthalate

Concen: 44.281 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

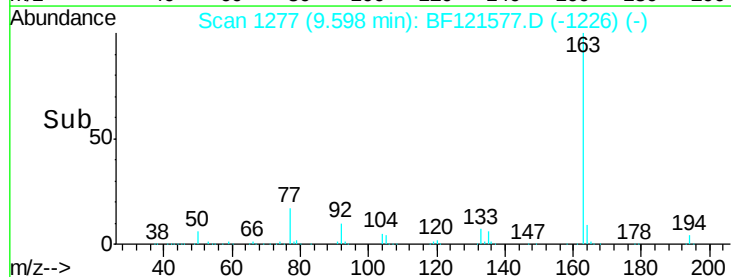
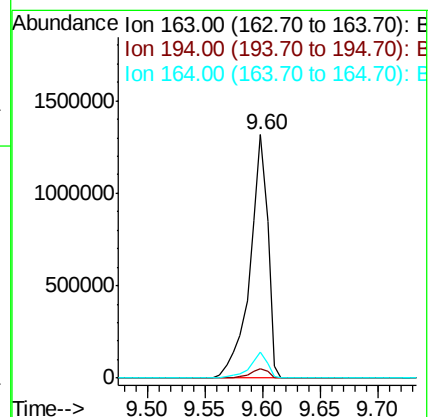
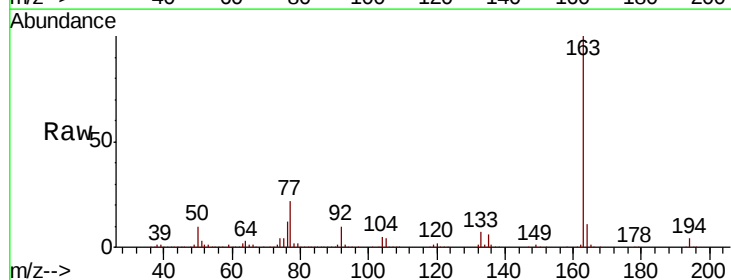
Tgt Ion:163 Resp: 1403912

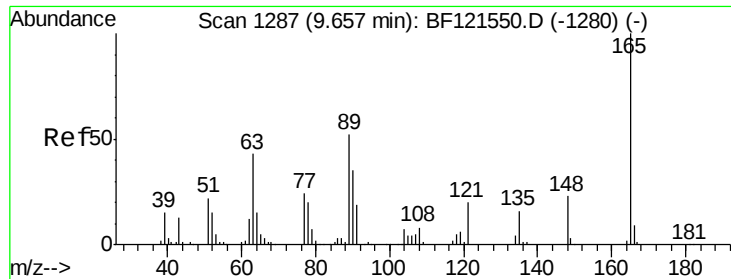
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.7 7.9 11.9





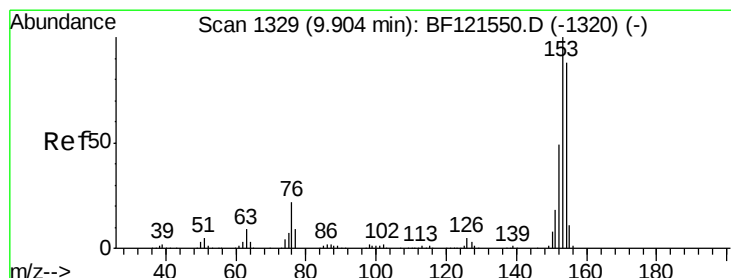
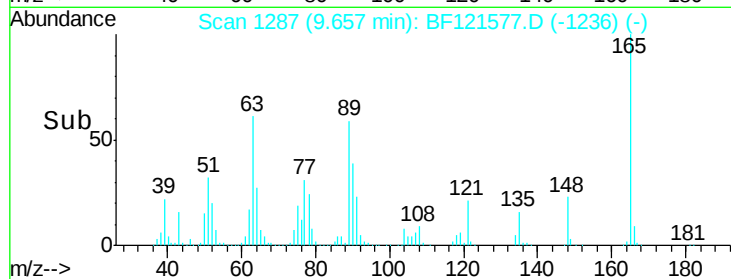
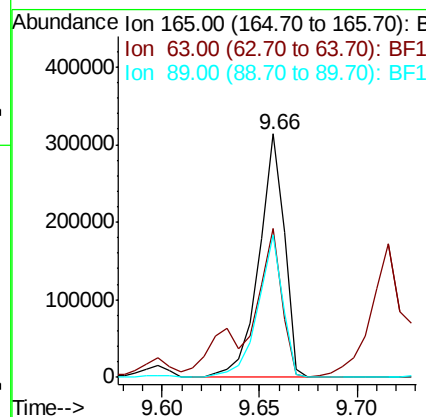
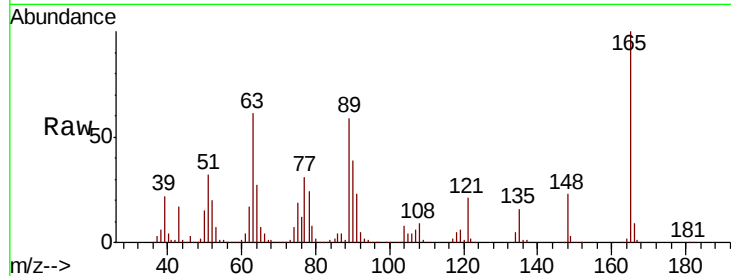
#51
2,6-Dinitrotoluene
Concen: 41.928 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	283100		
63	61.1	40.6	61.0#	
89	58.5	41.8	62.8	

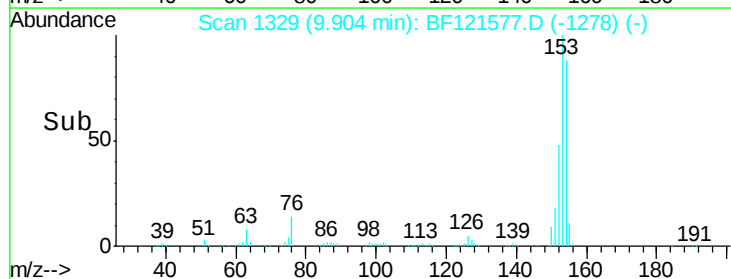
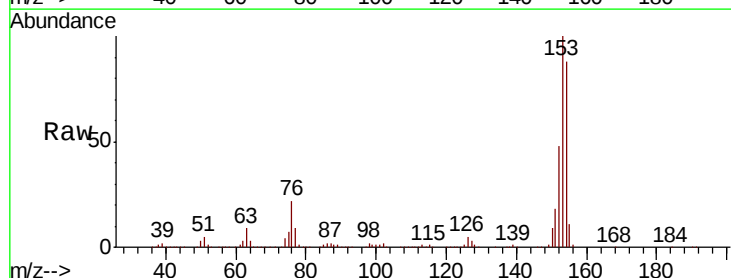
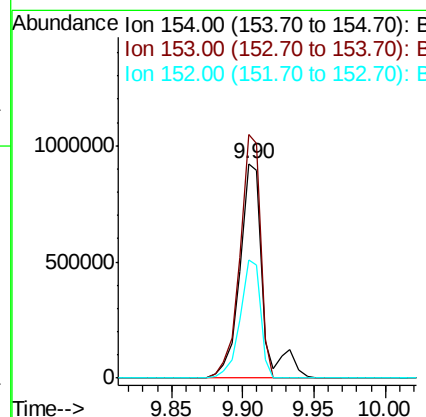
Manual Integrations
APPROVED

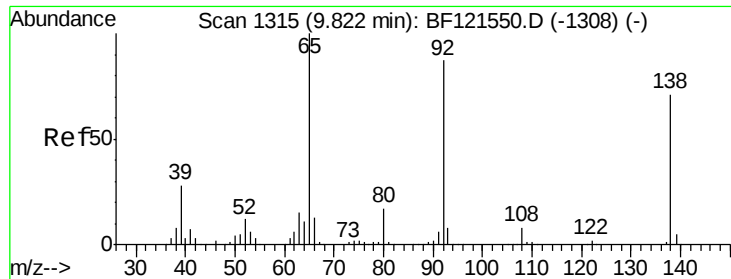
mohammad
9/16/2020 10:14:44 AM



#52
Acenaphthene
Concen: 39.239 ng m
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1050870		
153	113.7	91.0	136.4	
152	55.1	44.2	66.2	





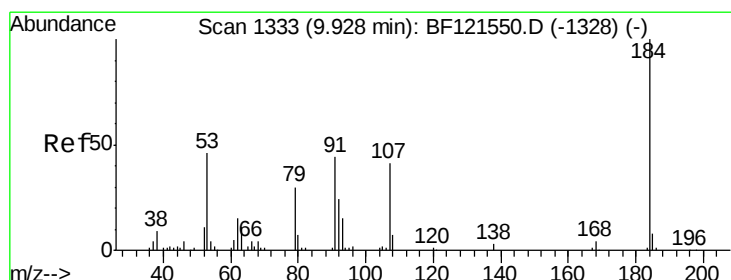
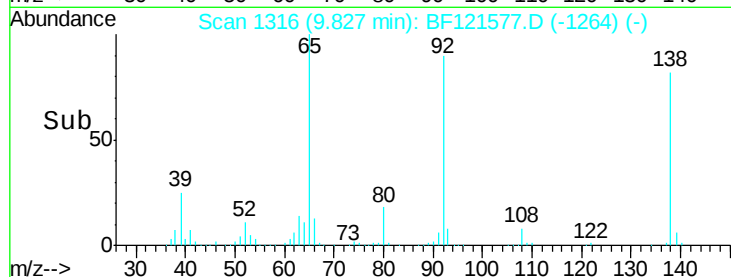
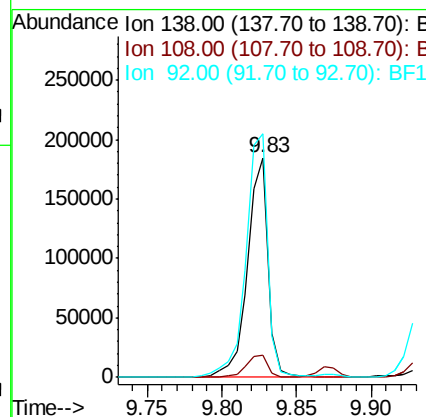
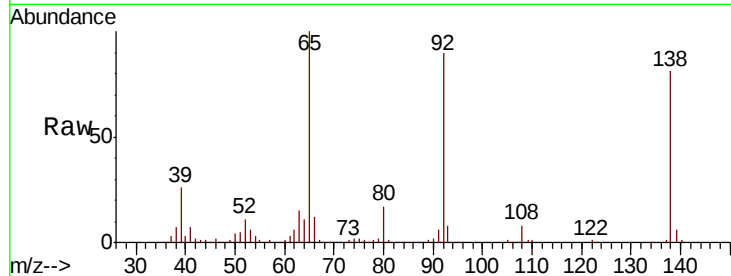
#53
3-Nitroaniline
Concen: 22.632 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.0	13.6
92	111.0	97.4	146.0

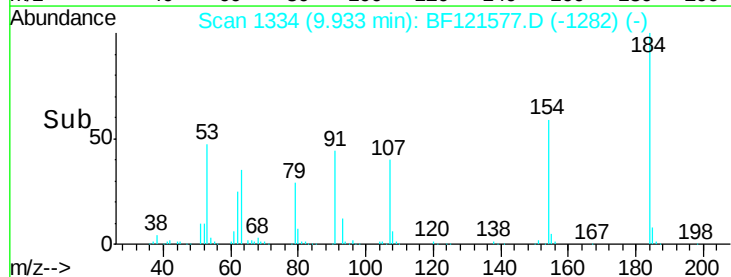
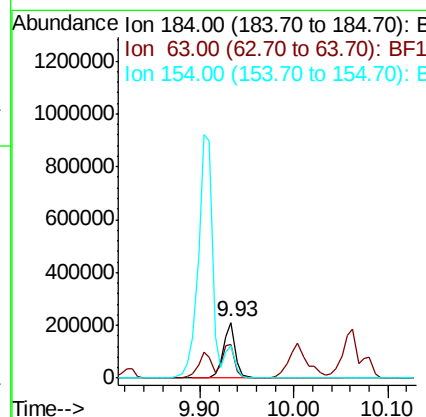
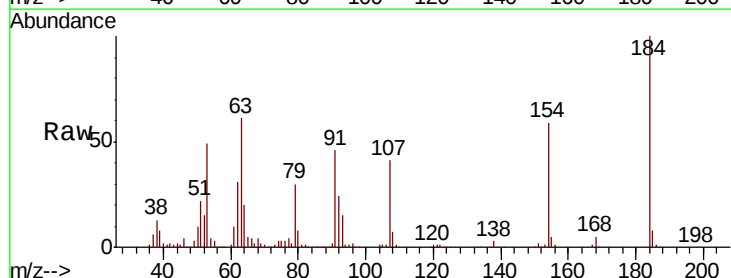
Manual Integrations
APPROVED

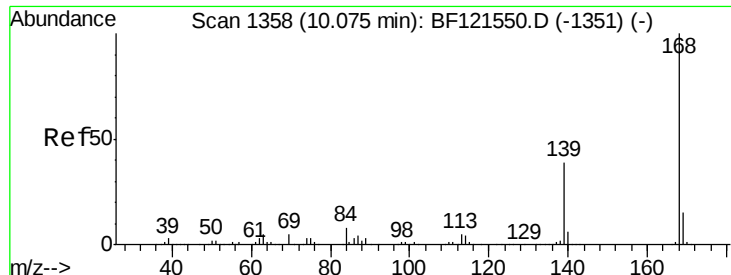
mohammad
9/16/2020 10:14:44 AM



#54
2,4-Dinitrophenol
Concen: 52.644 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.5	47.7	71.5
154	58.8	47.2	70.8





#55

Dibenzofuran

Concen: 37.890 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:168 Resp: 1429029

Ion Ratio Lower Upper

168 100

139 38.3 31.4 47.0

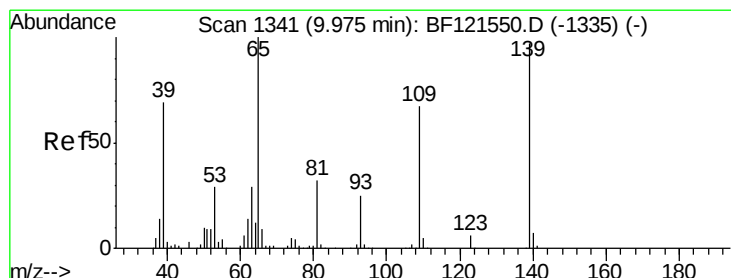
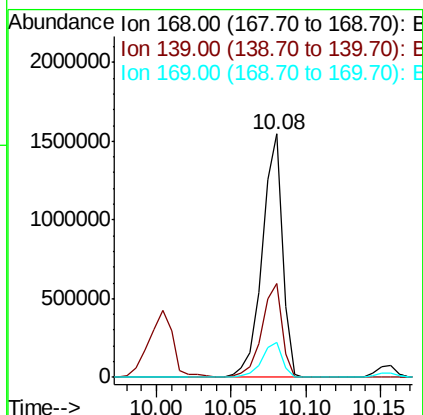
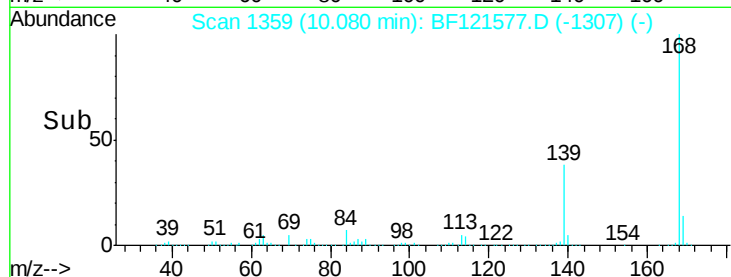
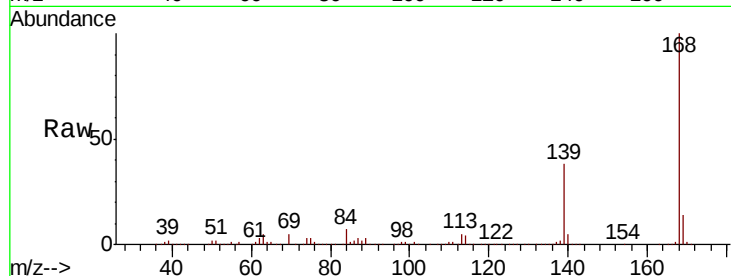
169 14.5 11.9 17.9

Manual Integrations

APPROVED

mohammad

9/16/2020 10:14:44 AM



#56

4-Nitrophenol

Concen: 77.659 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.03 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

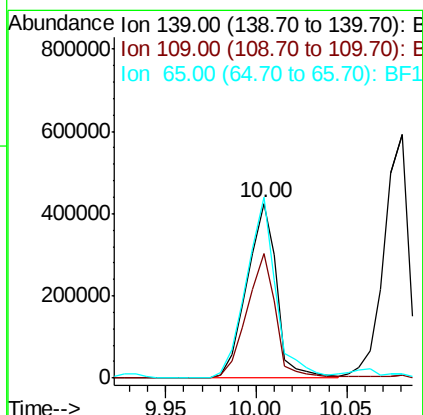
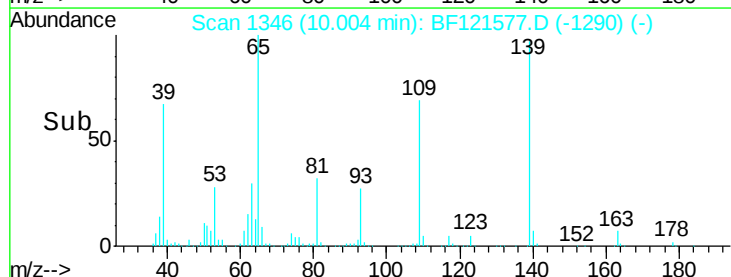
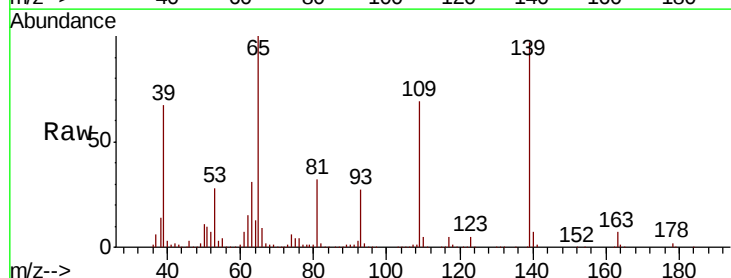
Tgt Ion:139 Resp: 484431

Ion Ratio Lower Upper

139 100

109 71.4 48.8 88.8

65 103.1 83.6 123.6





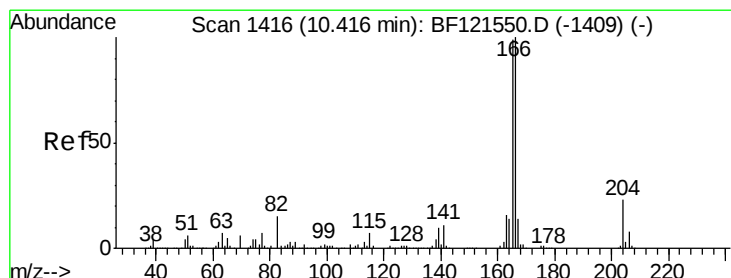
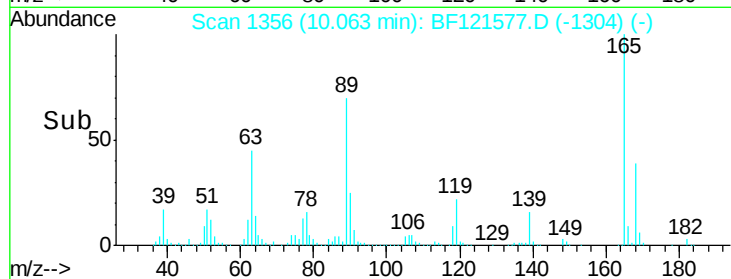
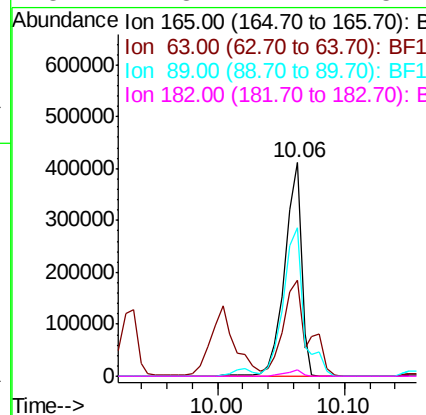
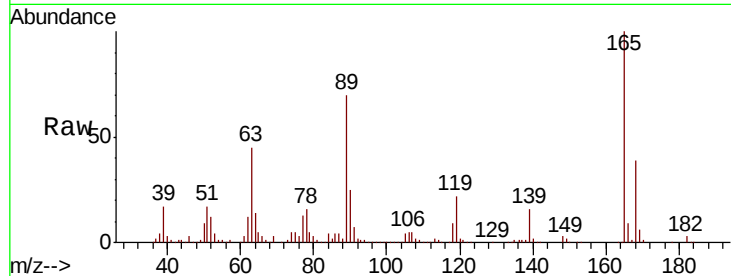
#57
2,4-Dinitrotoluene
Concen: 44.457 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		377637		
63	44.9	36.2	54.4		
89	69.7	58.2	87.4		
182	2.8	2.2	3.2		

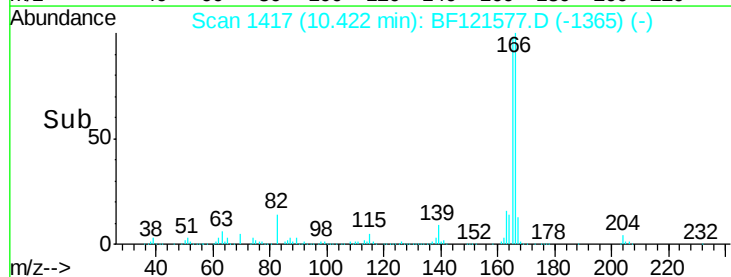
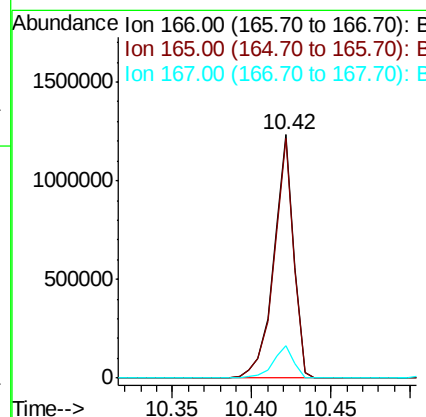
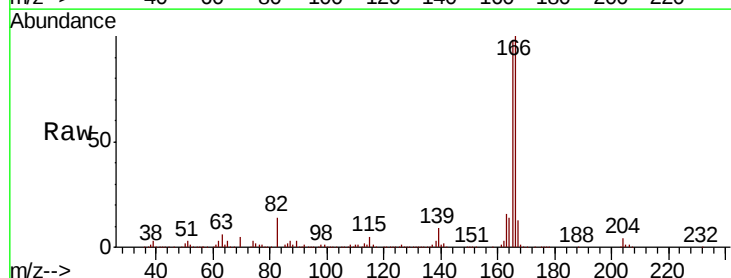
Manual Integrations
APPROVED

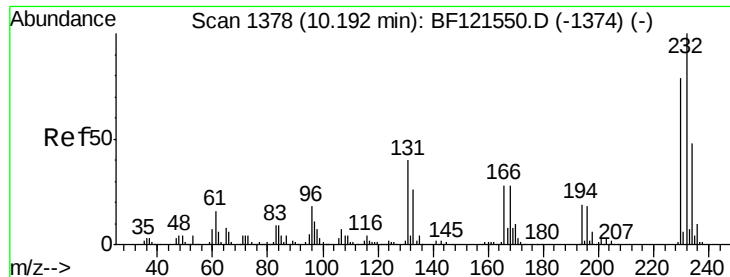
mohammad
9/16/2020 10:14:44 AM



#58
Fluorene
Concen: 37.409 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1078933		
165	98.4	79.0	118.4		
167	13.5	11.0	16.6		





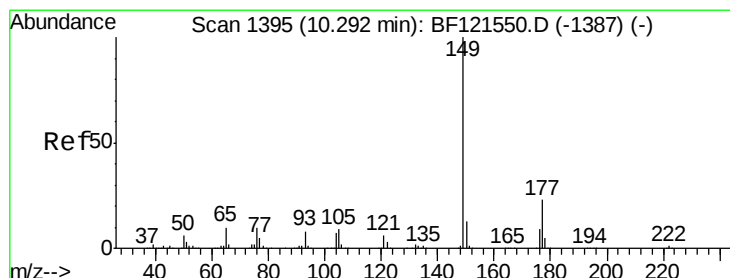
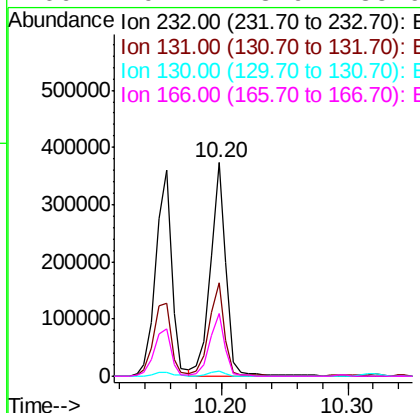
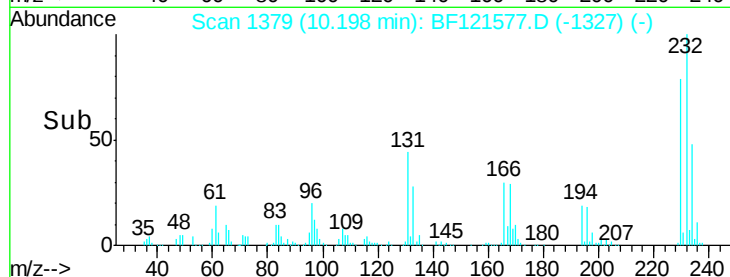
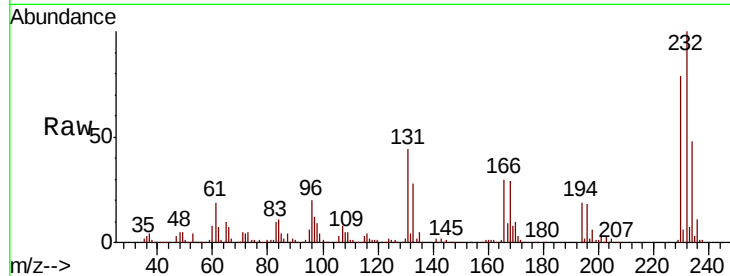
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.087 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	232	Resp:	320878
Ion Ratio	Lower	Upper	
232	100		
131	43.8	36.3	54.5
130	2.2	1.9	2.9
166	29.4	23.9	35.9

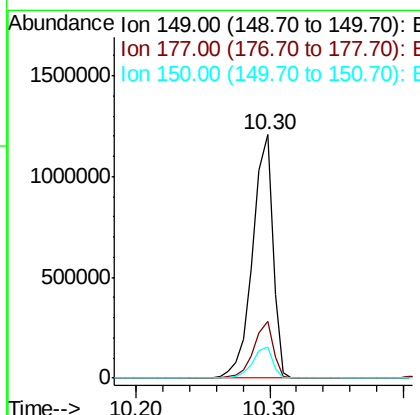
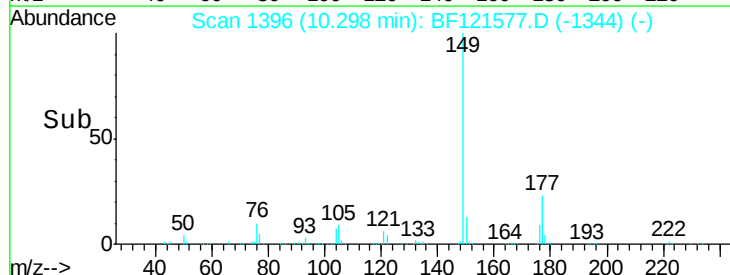
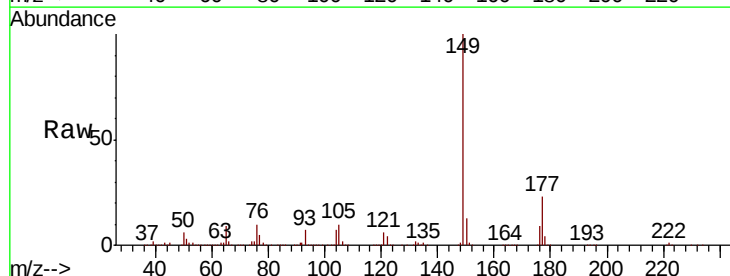
Manual Integrations
 APPROVED

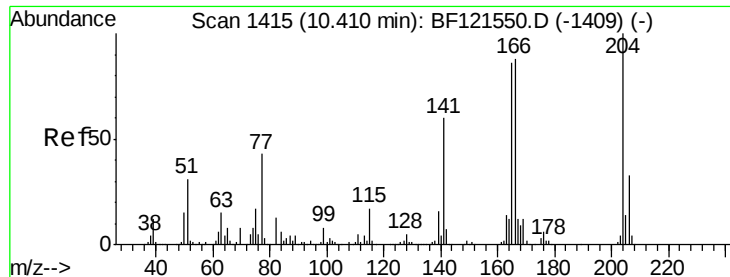
mohammad
 9/16/2020 10:14:44 AM



#60
 Diethylphthalate
 Concen: 40.405 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Tgt Ion:	149	Resp:	1248964
Ion Ratio	Lower	Upper	
149	100		
177	23.2	18.2	27.2
150	12.8	10.2	15.2





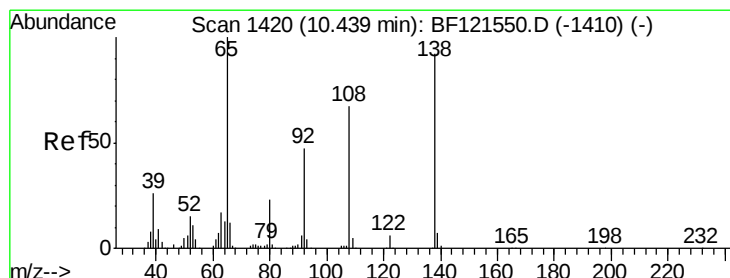
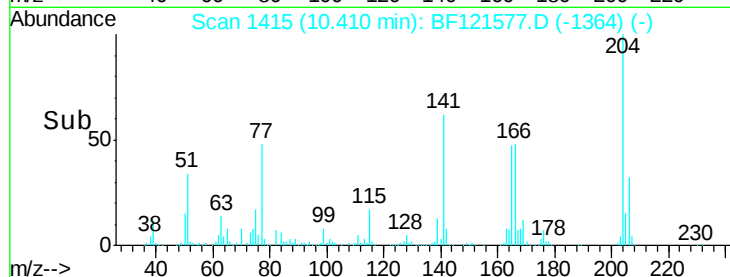
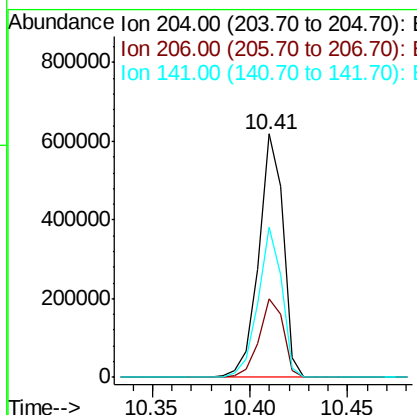
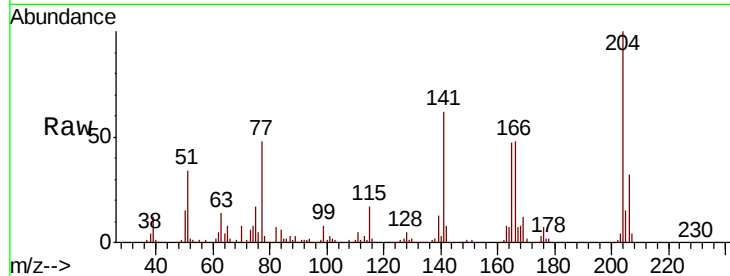
#61
 4-Chlorophenyl-phenylether
 Concen: 38.769 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	204	Resp:	535630
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.4	39.6
141	61.9	48.3	72.5

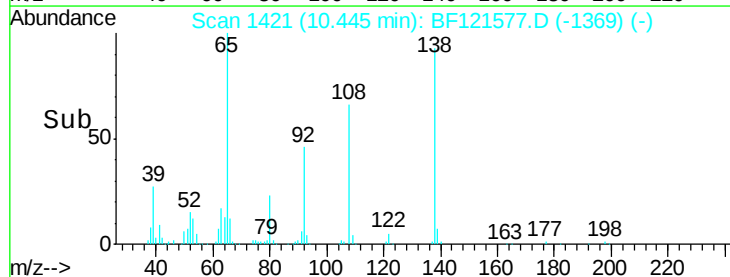
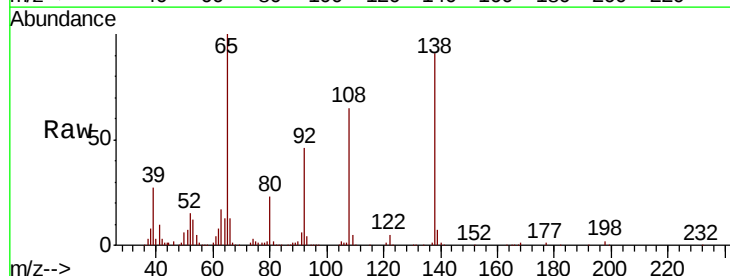
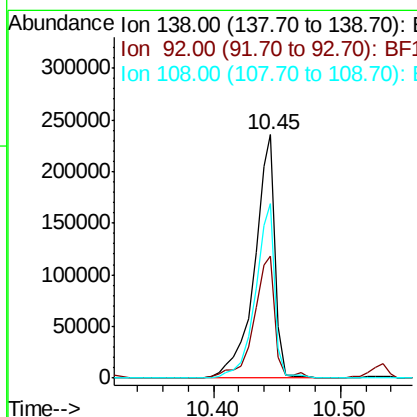
Manual Integrations
 APPROVED

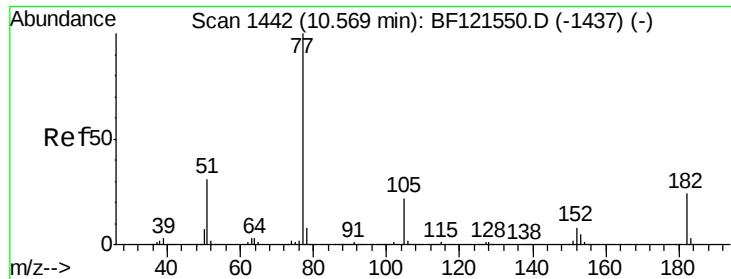
mohammad
 9/16/2020 10:14:44 AM



#62
 4-Nitroaniline
 Concen: 34.179 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Tgt Ion:	138	Resp:	265443
Ion Ratio	Lower	Upper	
138	100		
92	50.3	31.4	71.4
108	71.6	52.4	92.4





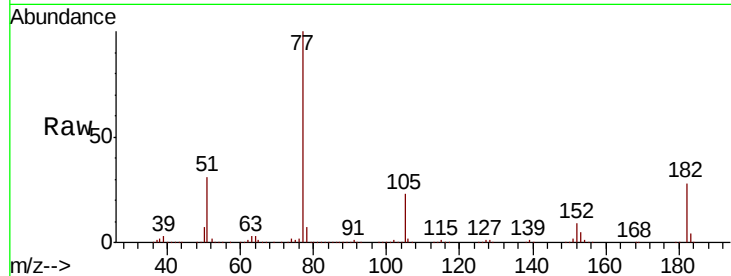
#63
Azobenzene
Concen: 38.518 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.2	3.9	43.9
105	22.9	2.2	42.2
51	30.6	11.1	51.1

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



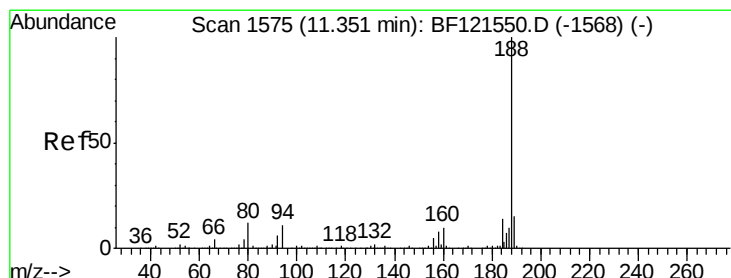
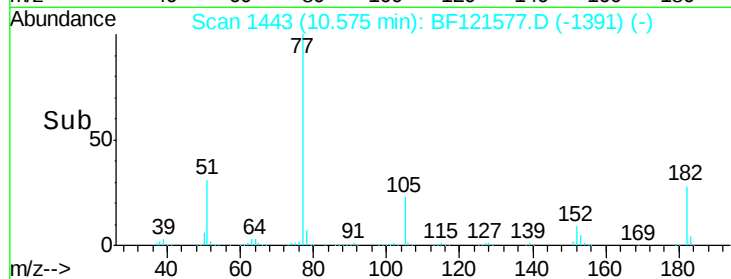
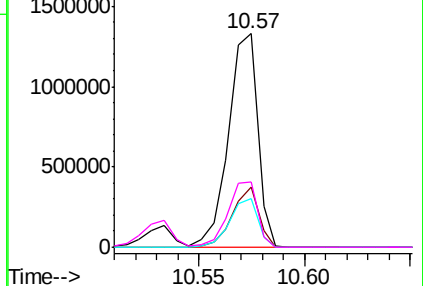
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

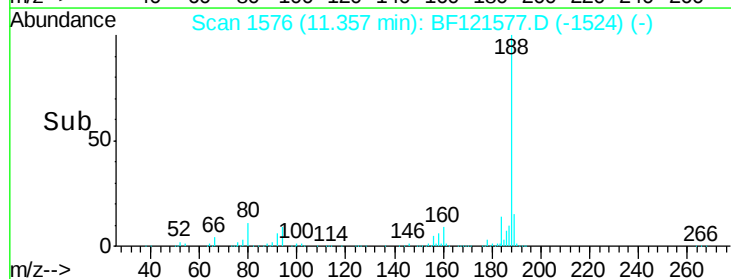
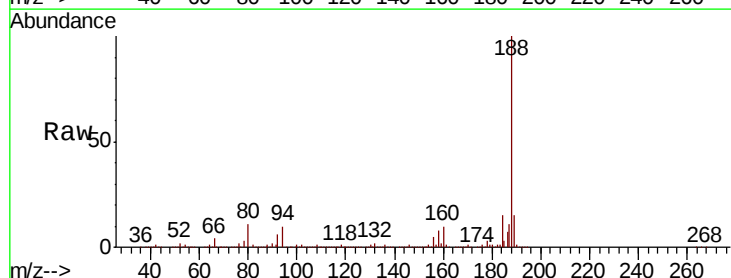
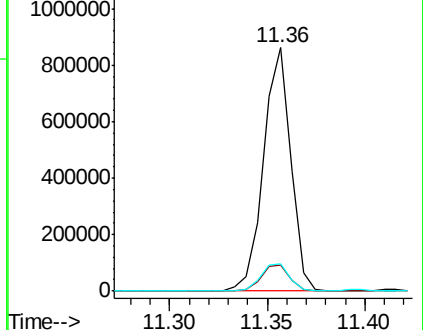
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.7	13.1
80	11.2	9.3	13.9

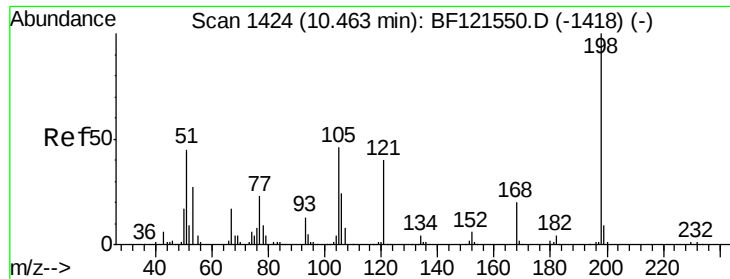
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





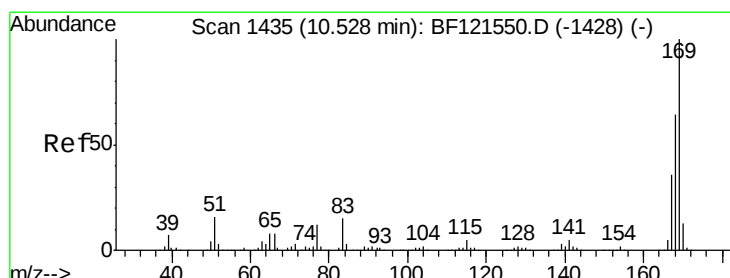
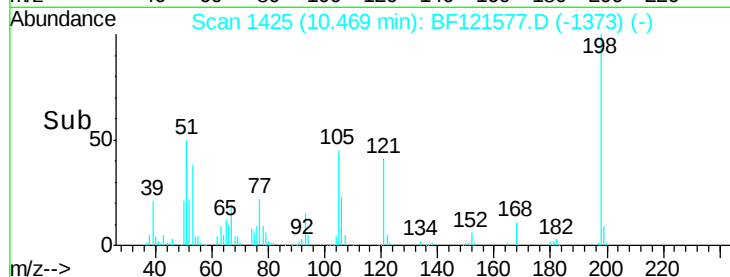
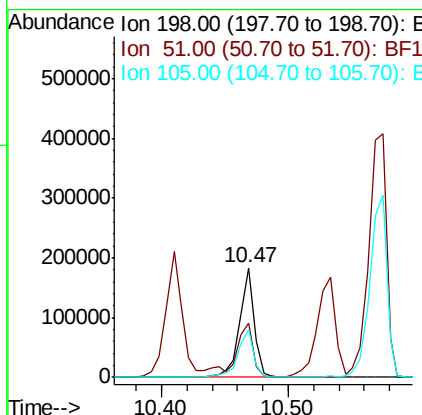
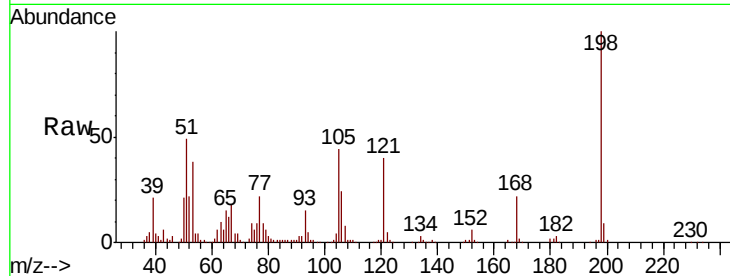
#65
4,6-Dinitro-2-methylphenol
Concen: 31.194 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.8	31.1	71.1
105	43.9	26.6	66.6

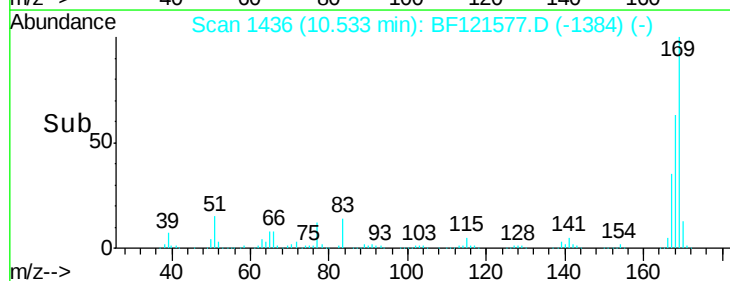
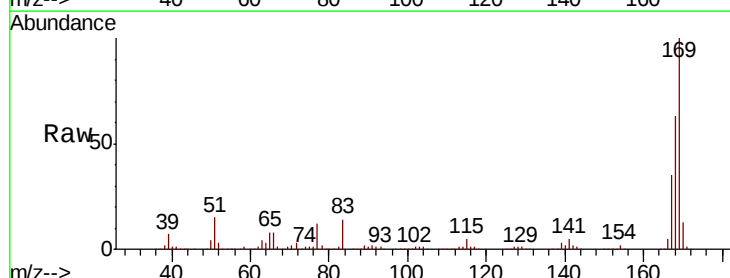
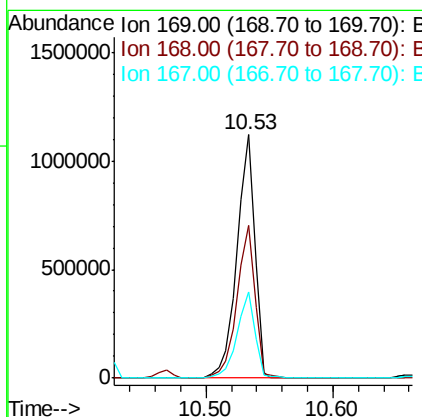
Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



#66
n-Nitrosodiphenylamine
Concen: 37.758 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.8	51.2	76.8
167	35.3	28.9	43.3





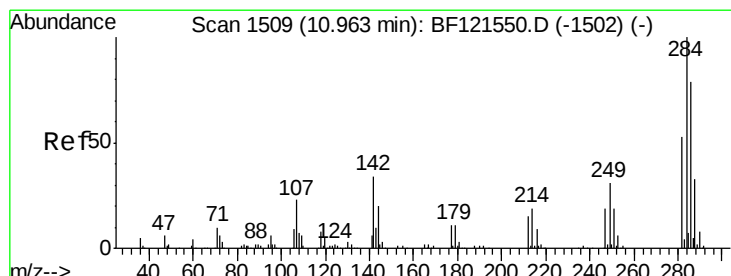
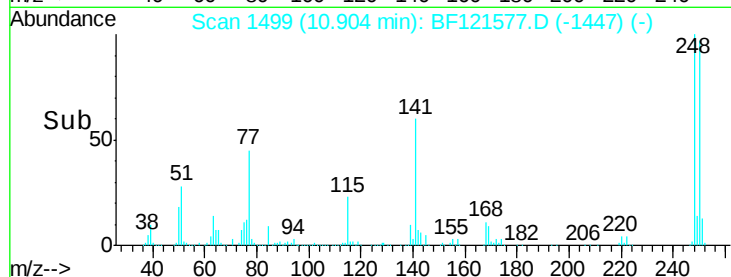
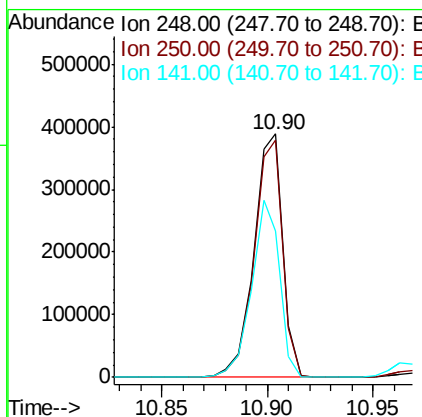
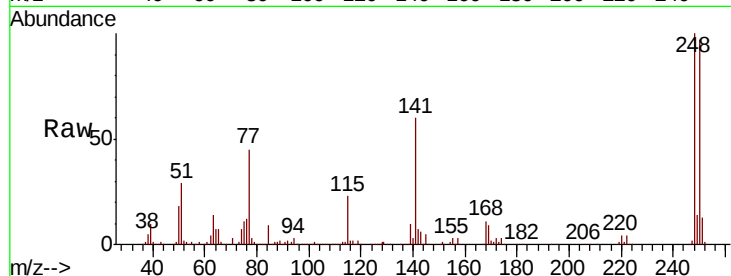
#67
 4-Bromophenyl-phenylether
 Concen: 38.928 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	248	Resp:	369467
Ion Ratio	Lower	Upper	
248	100		
250	97.3	77.4	116.0
141	60.3	56.7	85.1

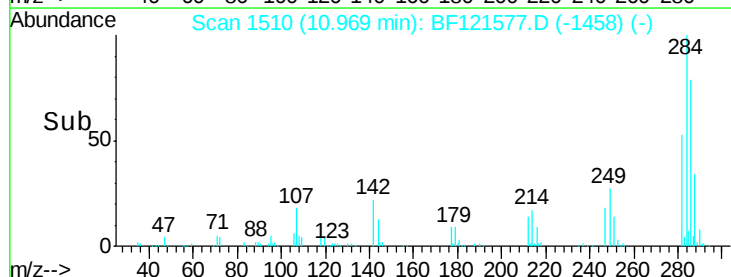
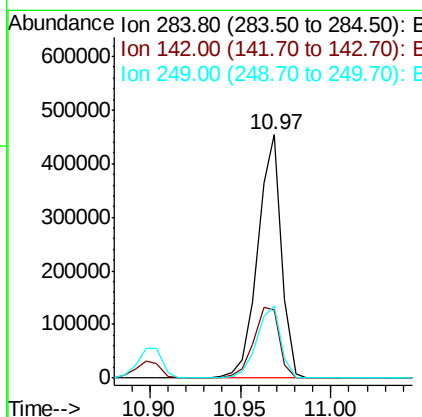
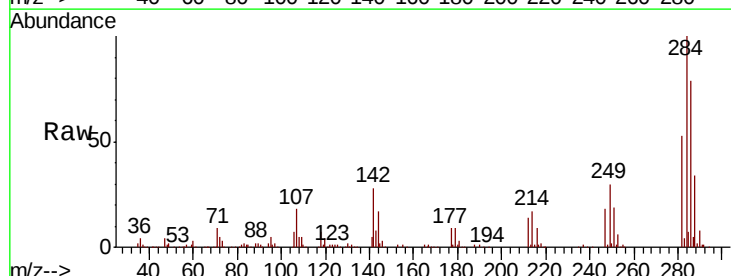
Manual Integrations
 APPROVED

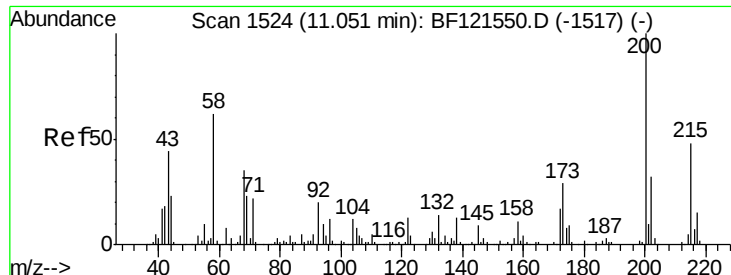
mohammad
 9/16/2020 10:14:44 AM



#68
 Hexachlorobenzene
 Concen: 38.313 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Tgt Ion:	284	Resp:	410364
Ion Ratio	Lower	Upper	
284	100		
142	28.1	27.0	40.4
249	29.7	24.7	37.1





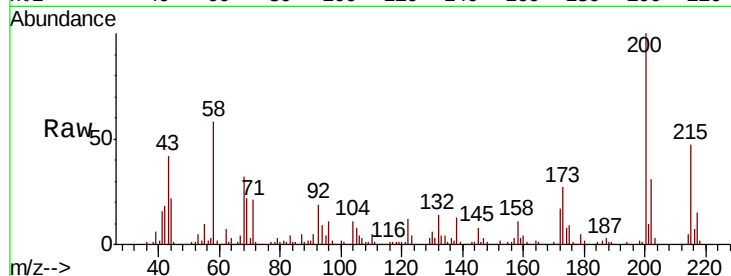
#69
Atrazine
Concen: 37.938 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	8.5	48.5
215	46.7	27.8	67.8

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM

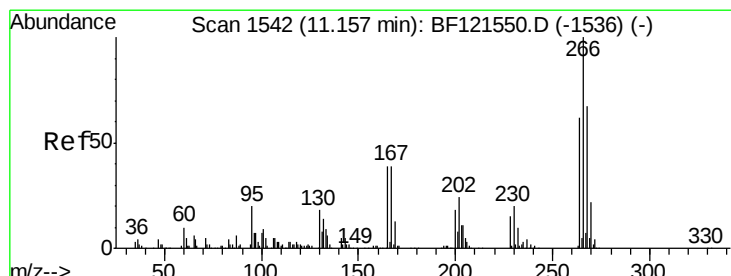
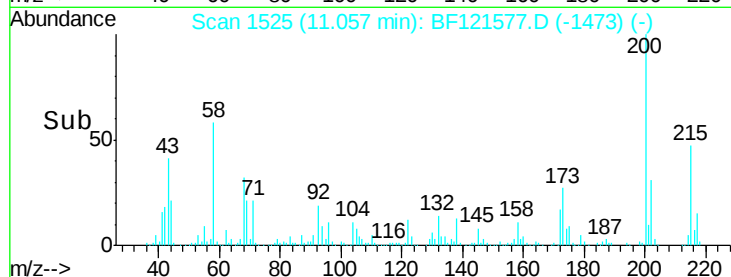
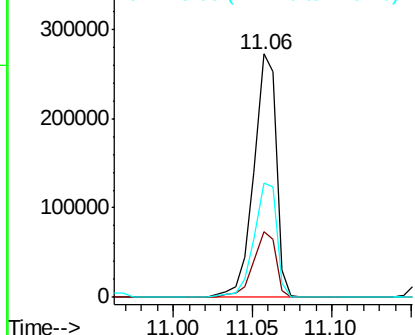


Abundance

Ion 200.00 (199.70 to 200.70): E

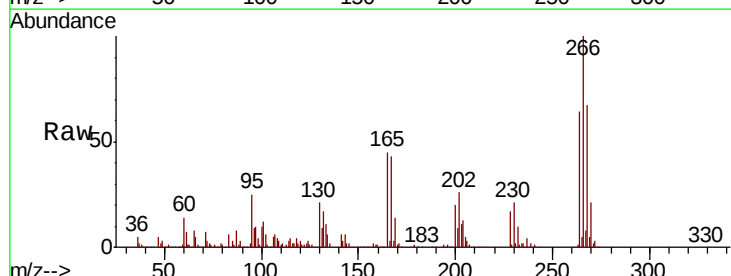
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 72.702 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.7	53.5	80.3
264	63.8	49.8	74.8

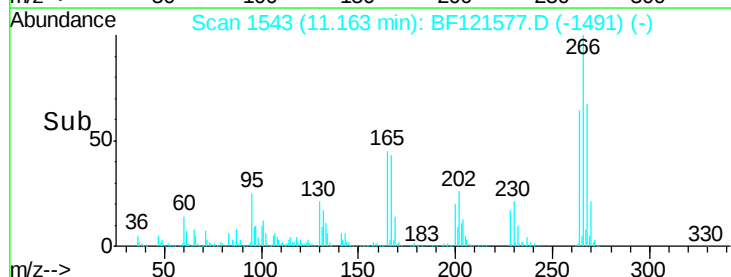
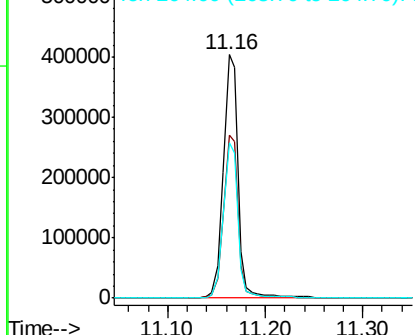


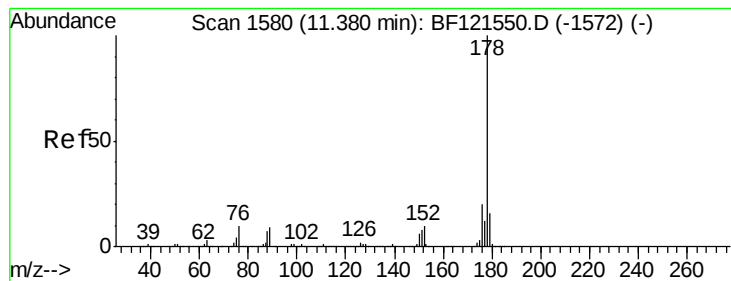
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.967 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:178 Resp: 1678983

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

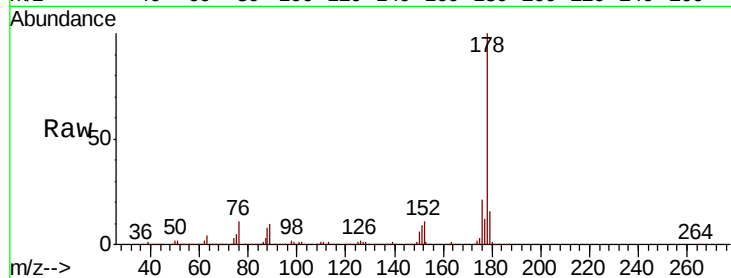
179 16.3 12.6 19.0

Manual Integrations

APPROVED

mohammad

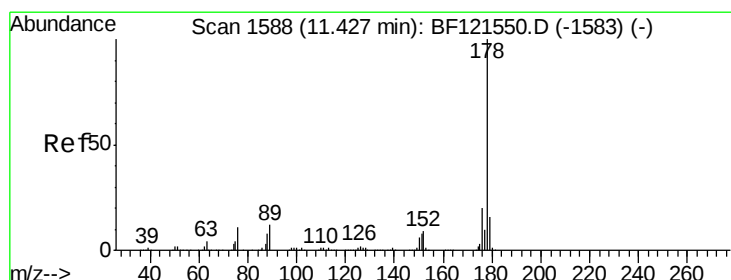
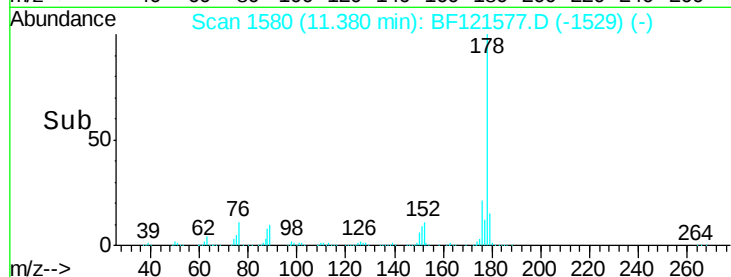
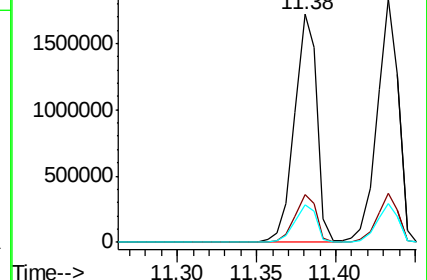
9/16/2020 10:14:44 AM



Abundance Ion 178.00 (177.70 to 178.70): E

2500000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.052 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Tgt Ion:178 Resp: 1736645

Ion Ratio Lower Upper

178 100

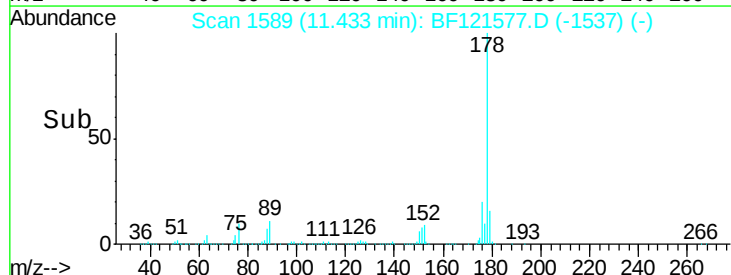
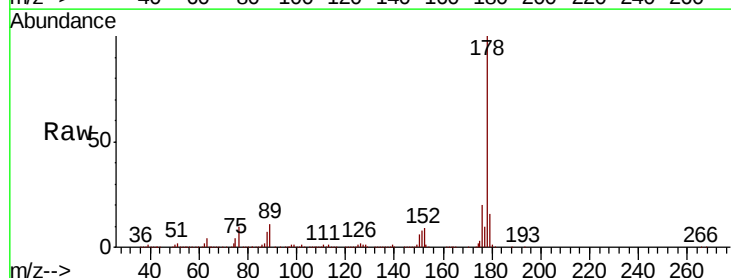
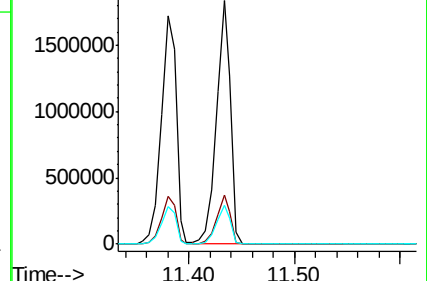
176 20.0 15.7 23.5

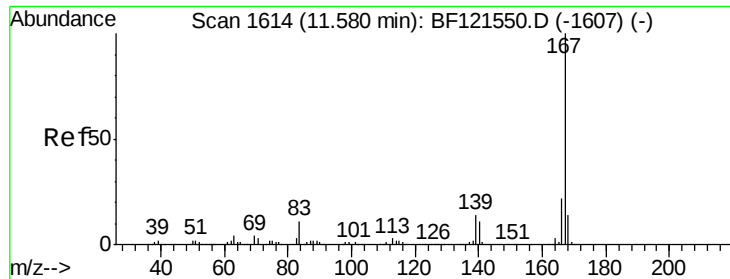
179 16.0 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

2500000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.352 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:167 Resp: 1579842

Ion Ratio Lower Upper

167 100

166 22.5 17.9 26.9

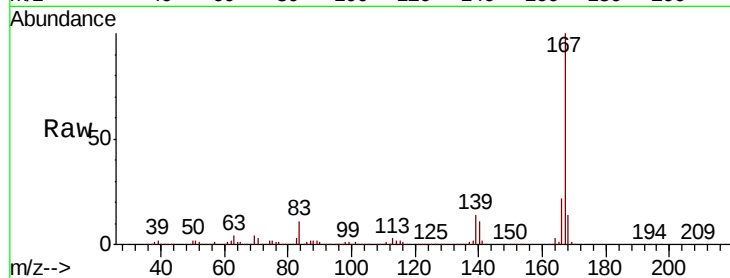
139 13.9 11.2 16.8

Manual Integrations

APPROVED

mohammad

9/16/2020 10:14:44 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.59

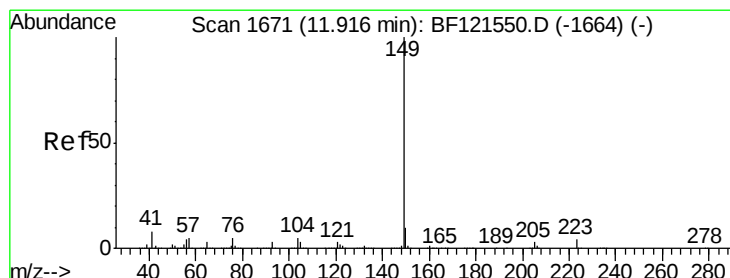
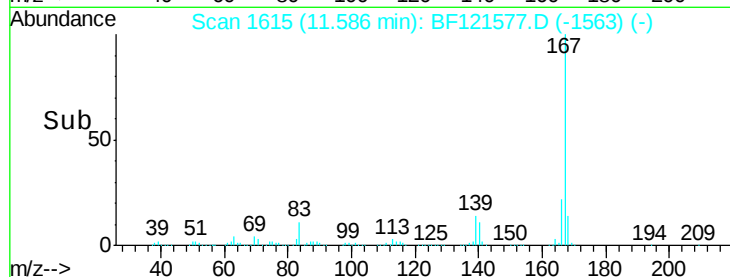
1500000

1000000

500000

0

Time-->



#74

Di-n-butylphthalate

Concen: 40.466 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

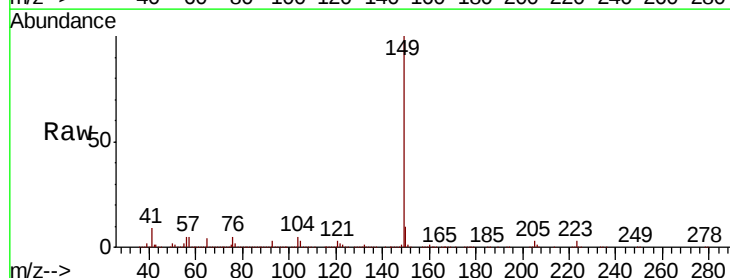
Tgt Ion:149 Resp: 1975420

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 5.4 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.92

2500000

2000000

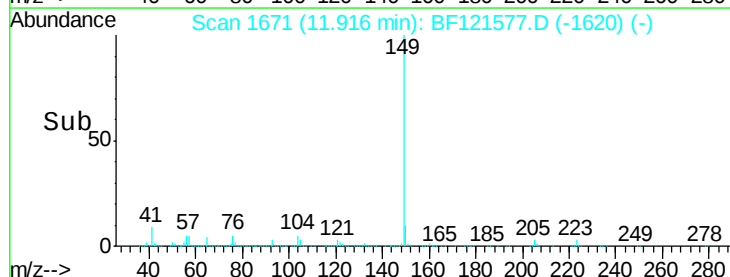
1500000

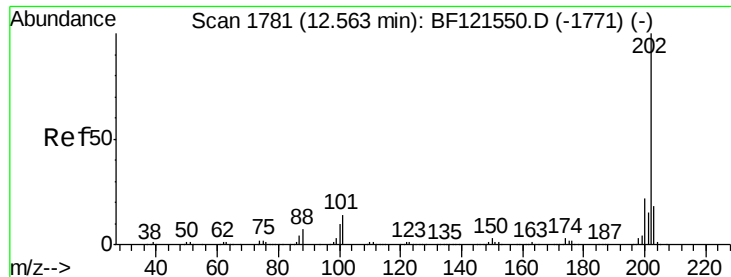
1000000

500000

0

Time-->





#75

Fluoranthene

Concen: 37.906 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:202 Resp: 1837859

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.0

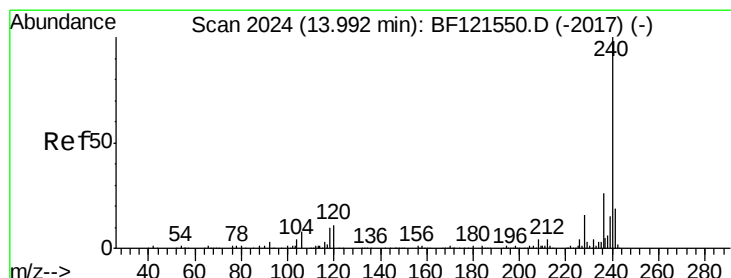
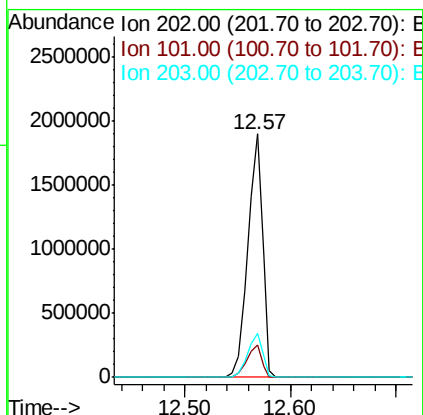
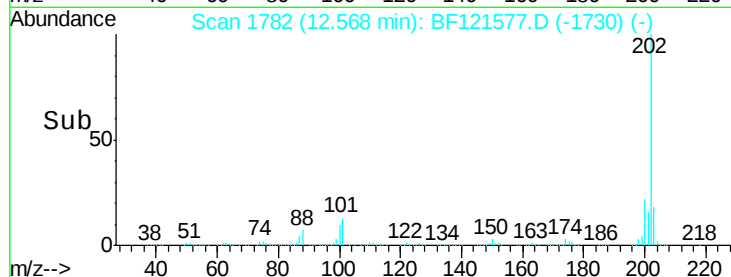
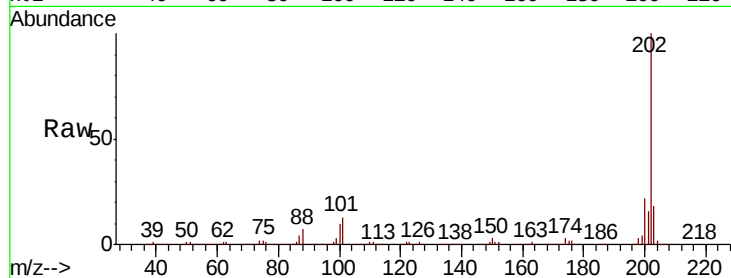
203 18.2 0.0 38.2

Manual Integrations

APPROVED

mohammad

9/16/2020 10:14:44 AM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

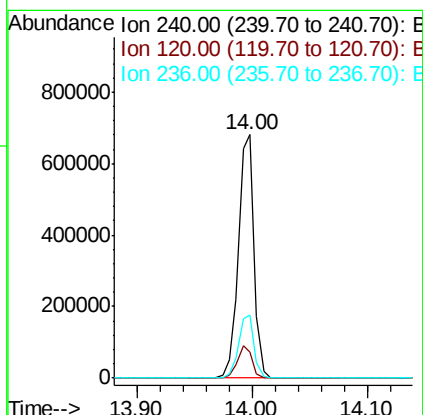
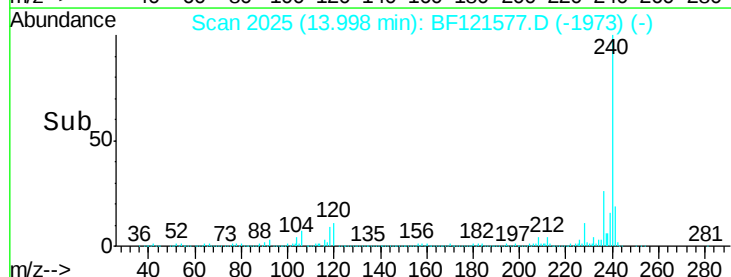
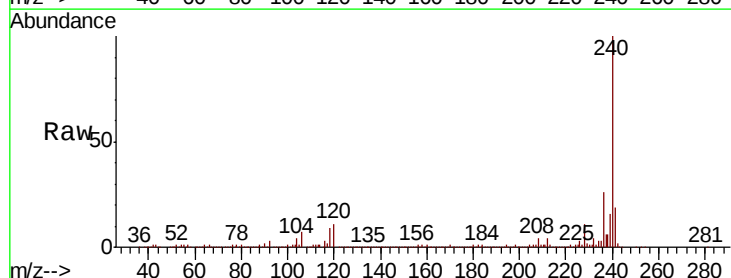
Tgt Ion:240 Resp: 638908

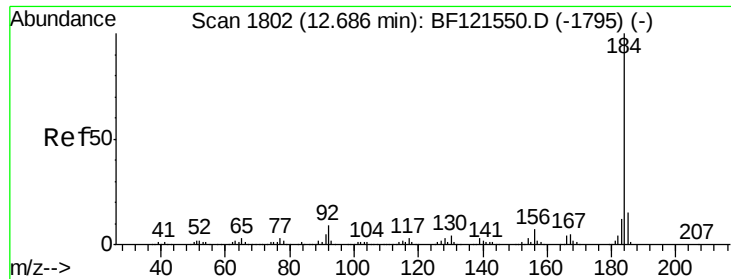
Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

236 26.2 20.5 30.7





#77

Benzidine

Concen: 49.547 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:184 Resp: 1049450

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

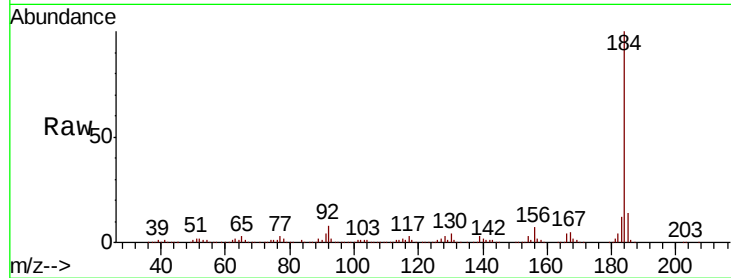
183 11.7 9.5 14.3

Manual Integrations

APPROVED

mohammad

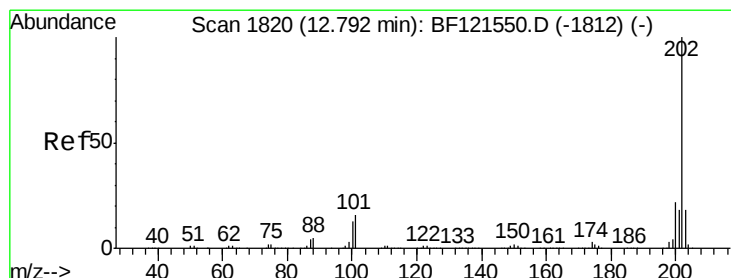
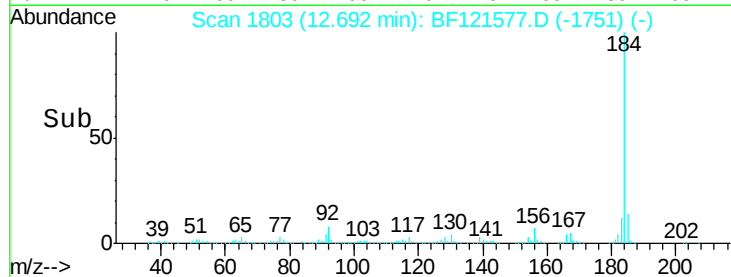
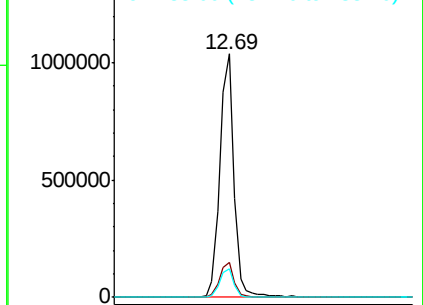
9/16/2020 10:14:44 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.874 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

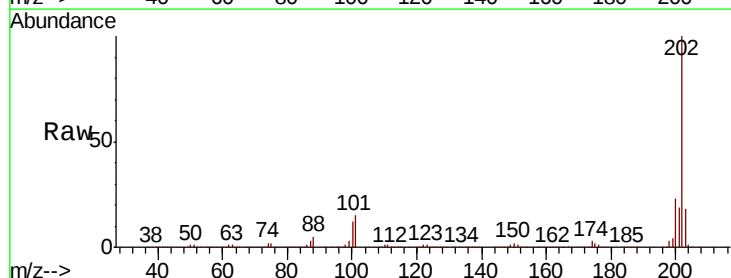
Tgt Ion:202 Resp: 1861352

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

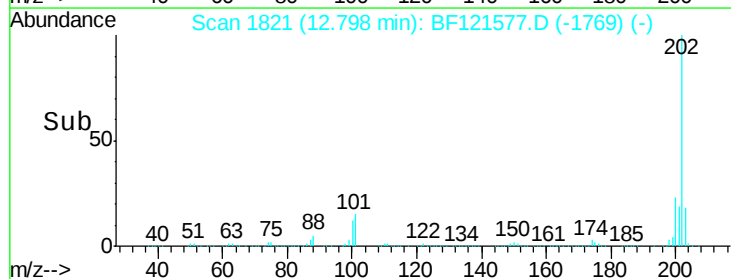
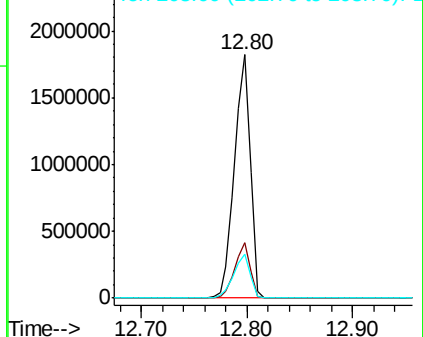
203 18.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.833 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:244 Resp: 1886965

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

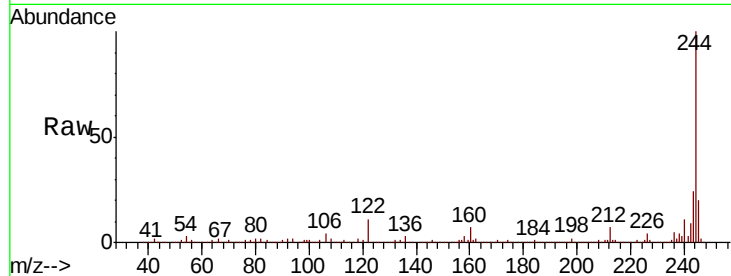
122 10.8 8.7 13.1

Manual Integrations

APPROVED

mohammad

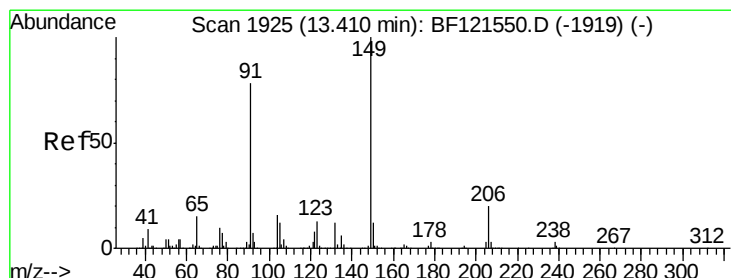
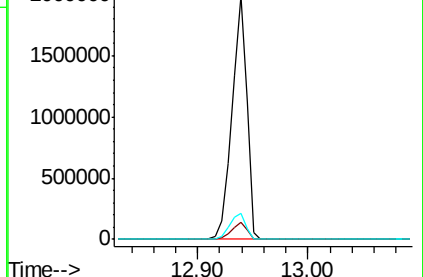
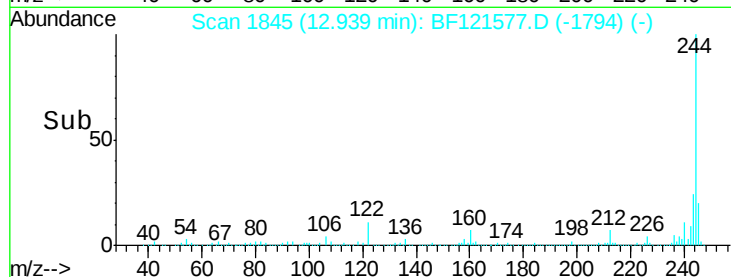
9/16/2020 10:14:44 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.912 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BF121577.D

Acq: 15 Sep 2020 14:58

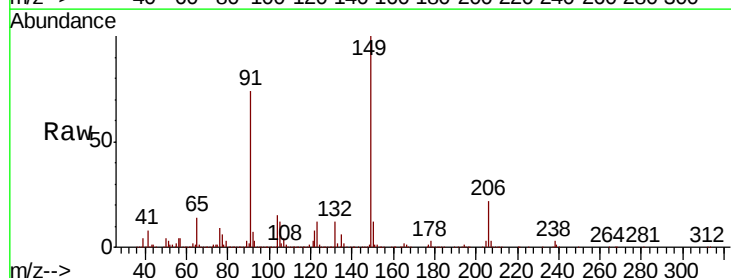
Tgt Ion:149 Resp: 885653

Ion Ratio Lower Upper

149 100

91 74.0 62.6 94.0

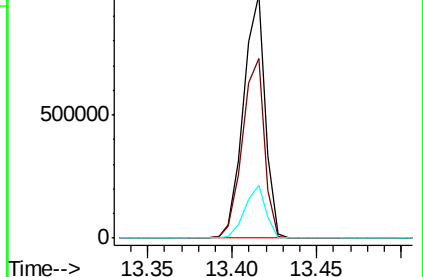
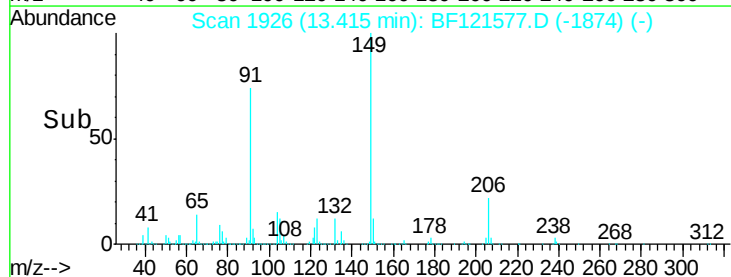
206 21.8 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





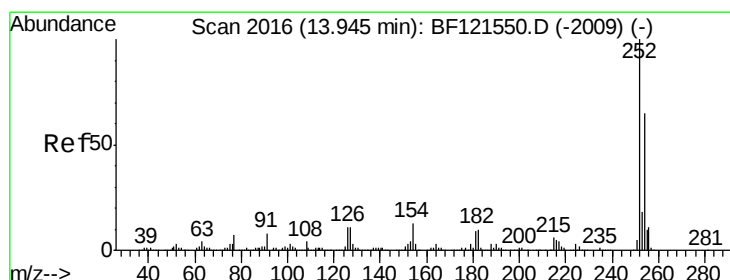
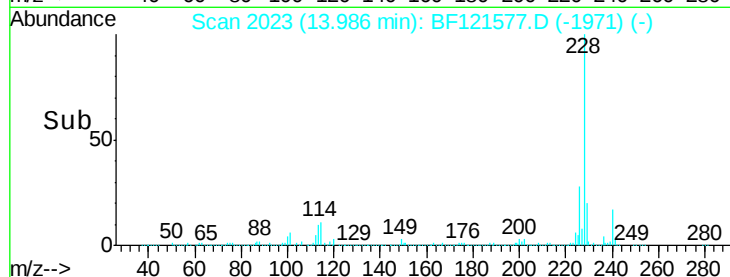
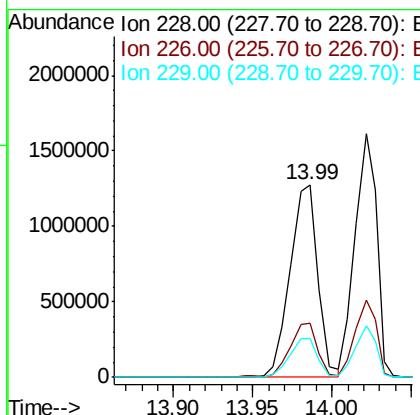
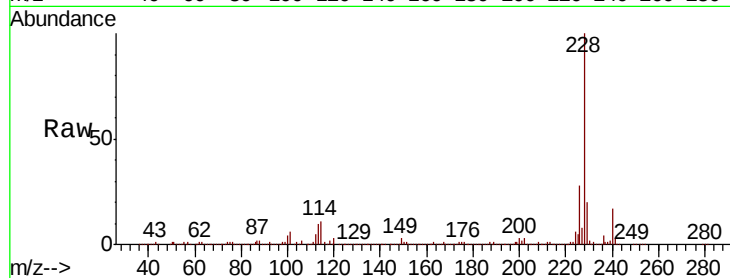
#81
Benzo(a)anthracene
Concen: 38.355 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.9	34.3
229	20.1	16.3	24.5

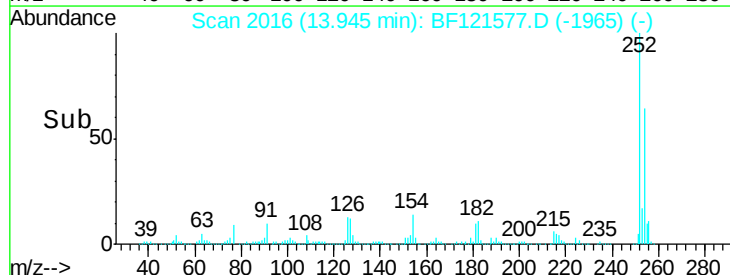
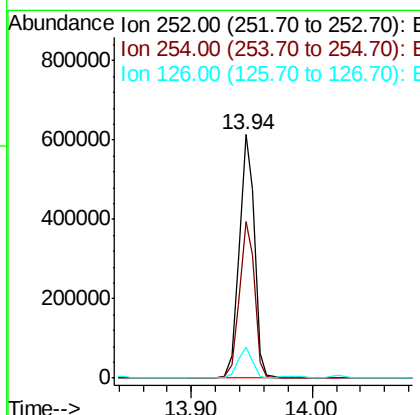
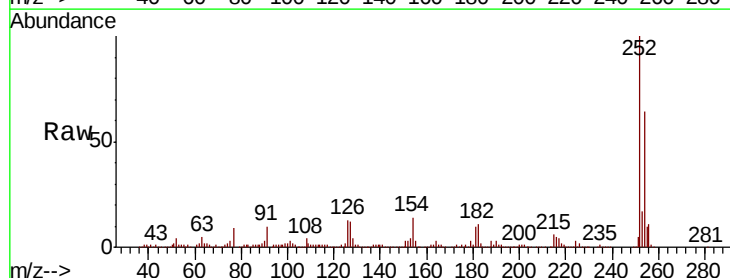
Manual Integrations
APPROVED

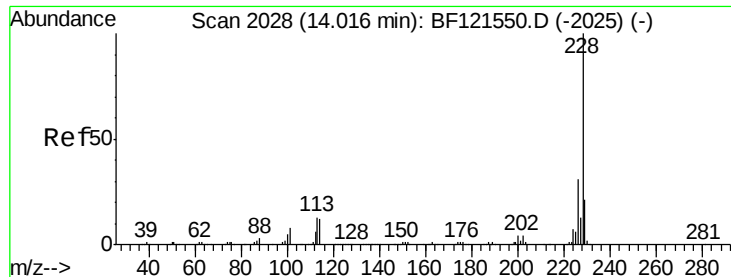
mohammad
9/16/2020 10:14:44 AM



#82
3,3'-Dichlorobenzidine
Concen: 34.204 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.3	78.5
126	12.8	9.1	13.7





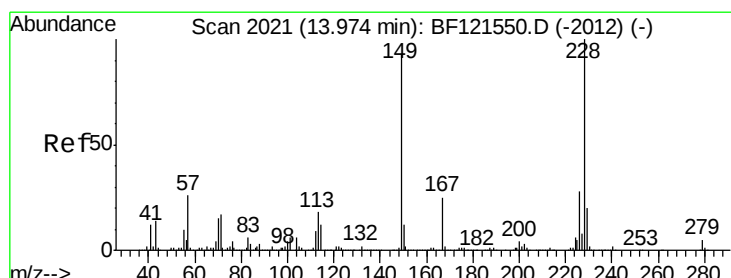
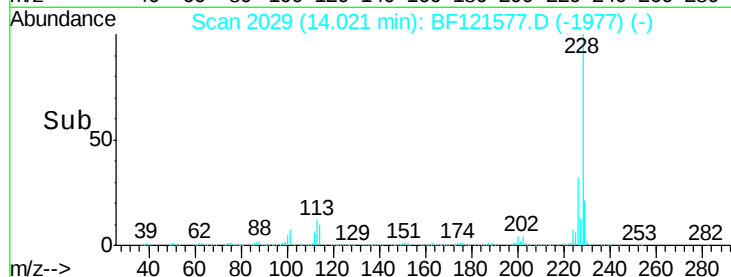
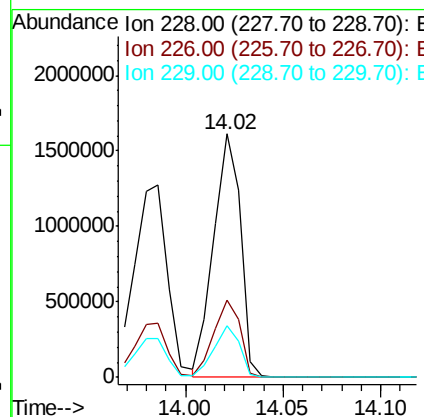
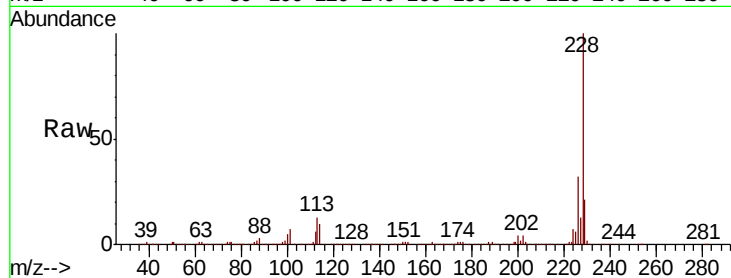
#83
Chrysene
Concen: 37.676 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion: 228 Resp: 1542120
Ion Ratio Lower Upper
228 100
226 32.0 25.1 37.7
229 21.0 16.6 25.0

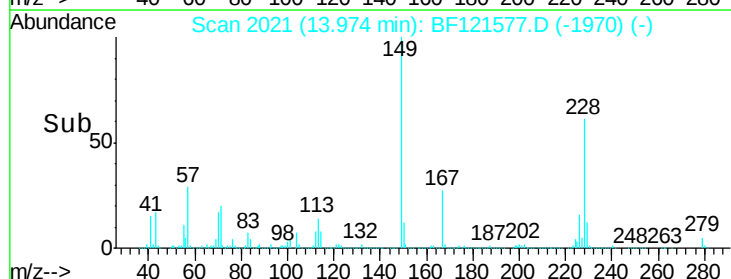
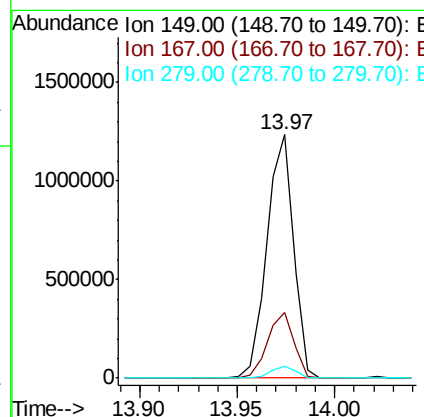
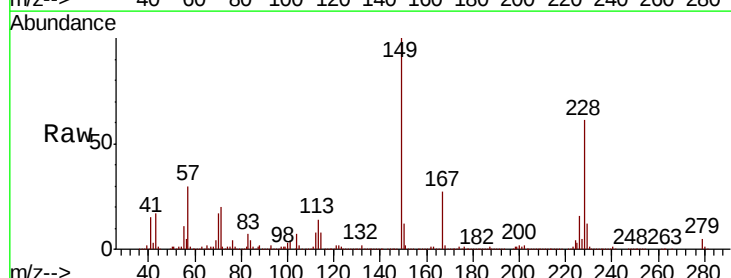
Manual Integrations
APPROVED

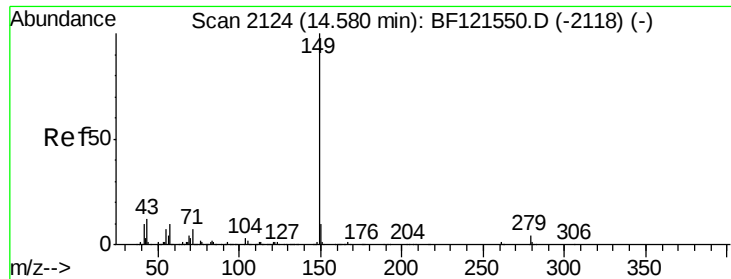
mohammad
9/16/2020 10:14:44 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.277 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion: 149 Resp: 1167153
Ion Ratio Lower Upper
149 100
167 27.2 21.6 32.4
279 5.1 4.1 6.1





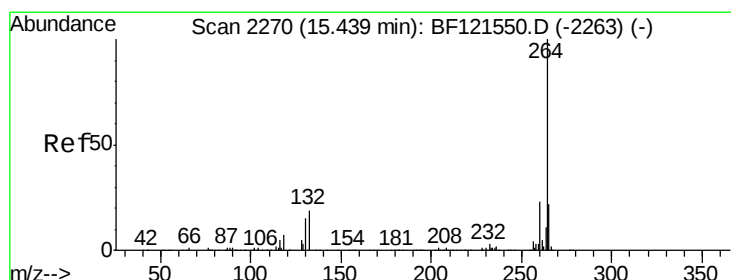
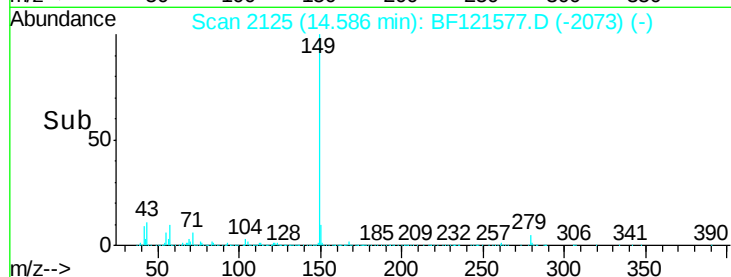
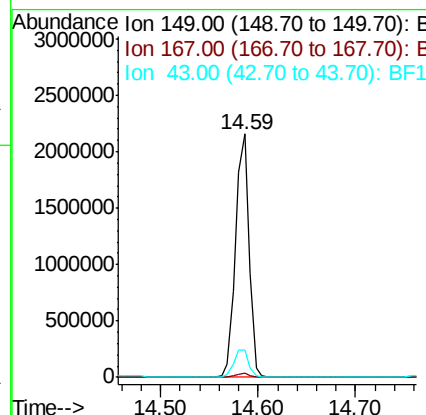
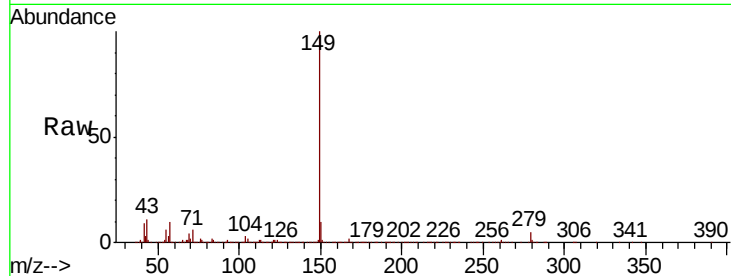
#85
Di-n-octyl phthalate
Concen: 46.922 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	9.4	14.0

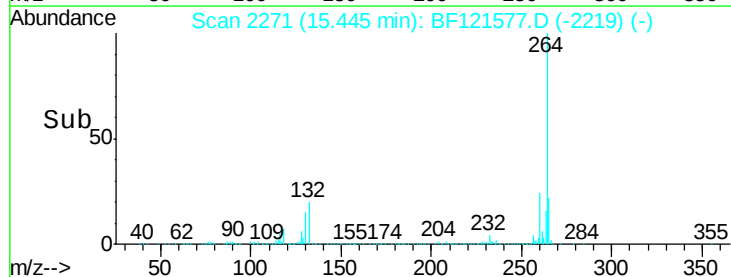
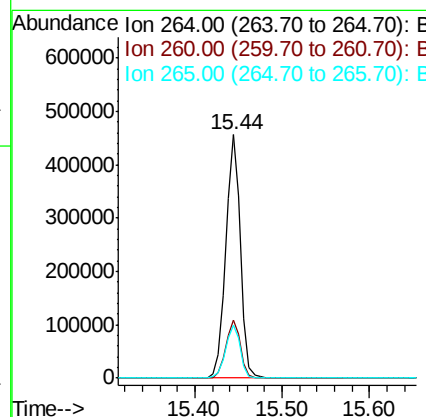
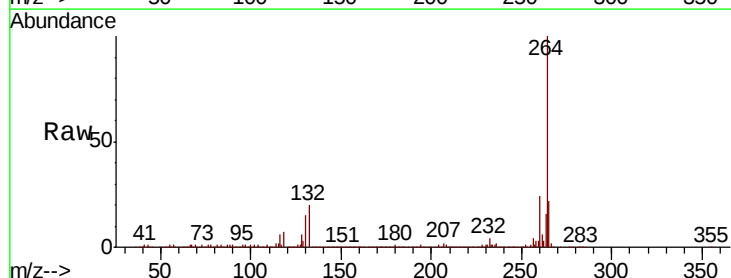
Manual Integrations
APPROVED

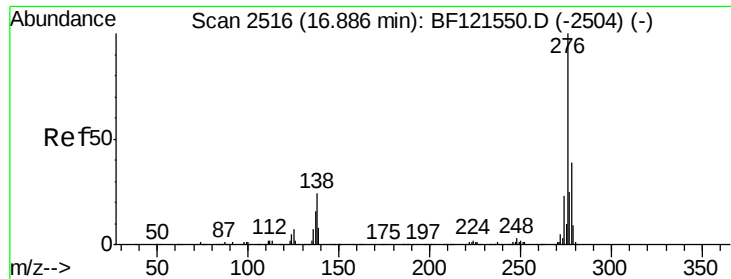
mohammad
9/16/2020 10:14:44 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.8	17.8	26.6





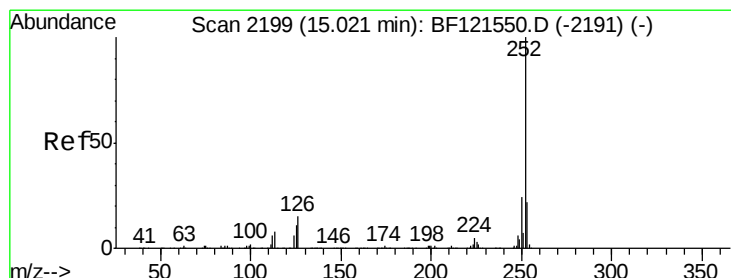
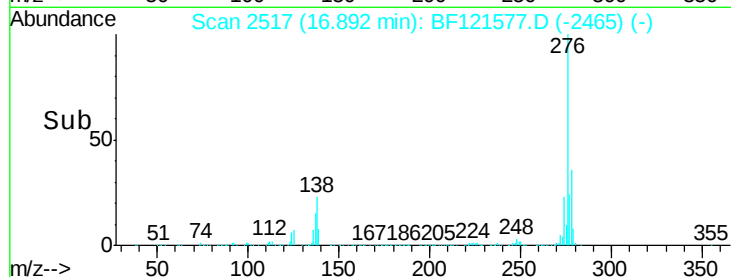
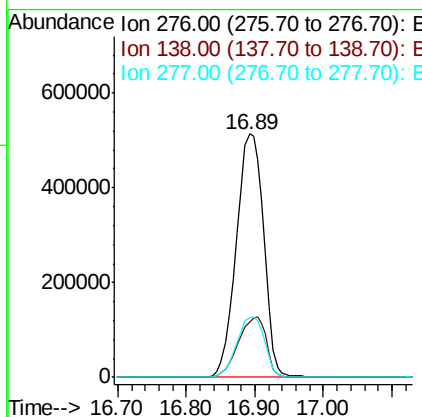
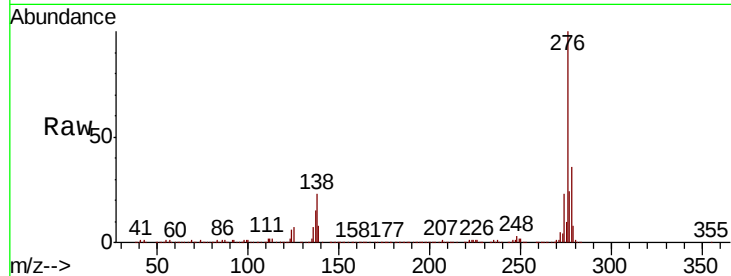
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.668 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.01 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.6	31.0
277	25.4	20.2	30.4

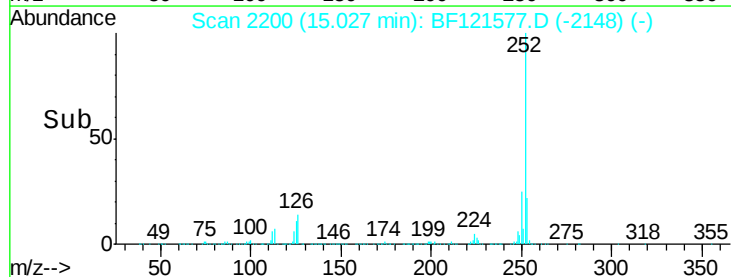
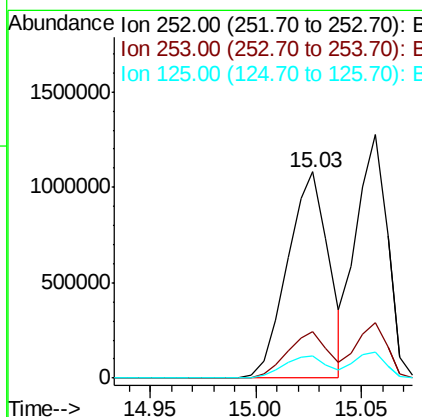
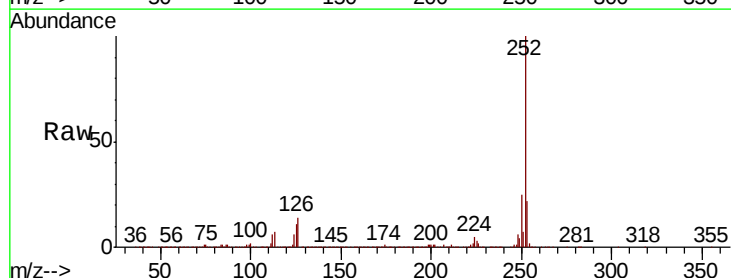
Manual Integrations
 APPROVED

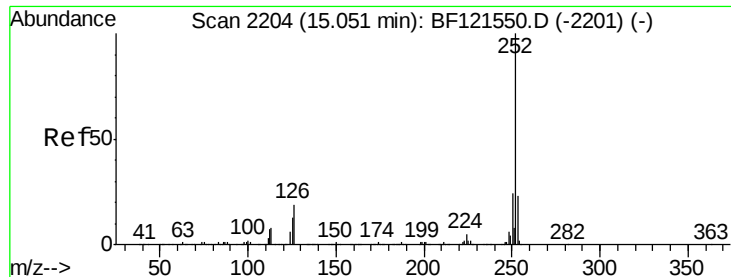
mohammad
 9/16/2020 10:14:44 AM



#88
 Benzo(b)fluoranthene
 Concen: 41.673 ng
 RT: 15.03 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF121577.D
 Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.9	9.2	13.8





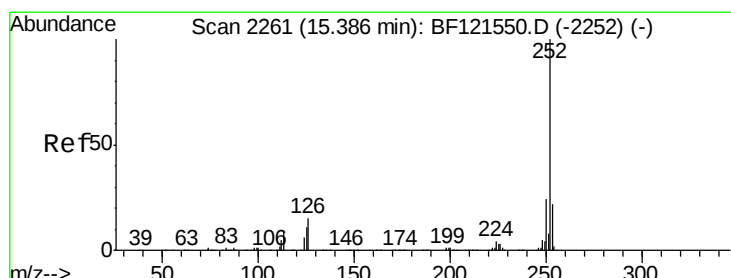
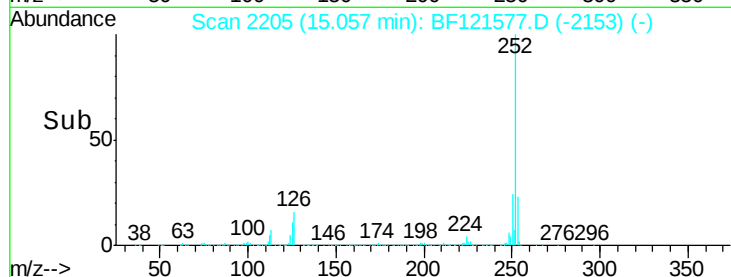
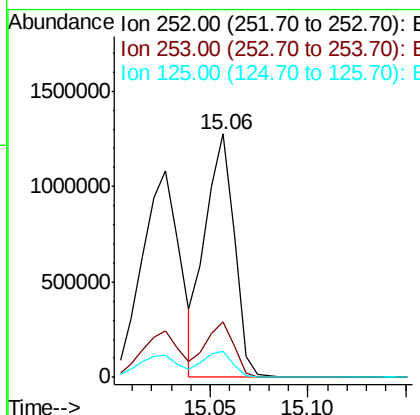
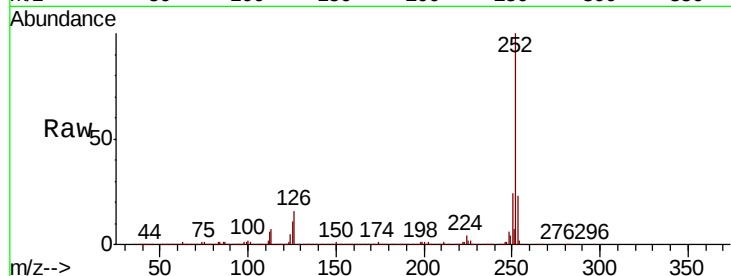
#89
Benzo(k)fluoranthene
Concen: 40.989 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.8	9.8	14.6

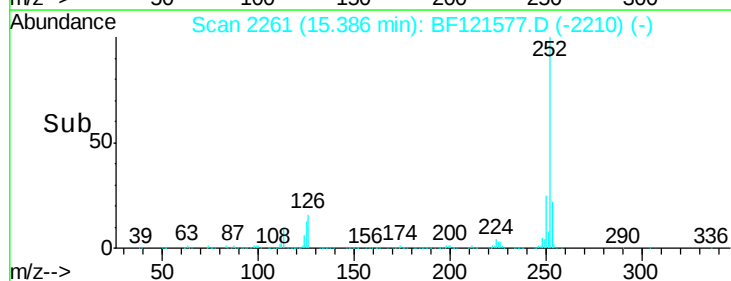
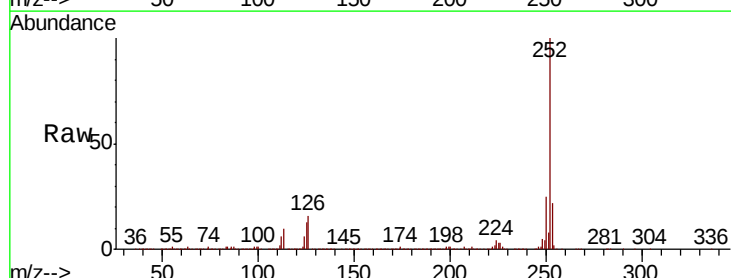
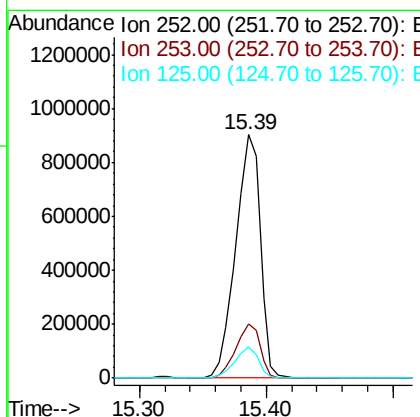
Manual Integrations
APPROVED

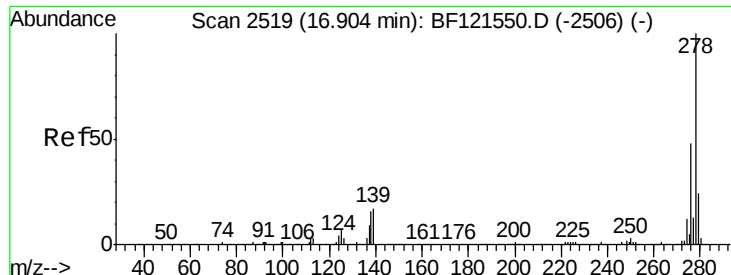
mohammad
9/16/2020 10:14:44 AM



#90
Benzo(a)pyrene
Concen: 40.555 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.7	9.0	13.4





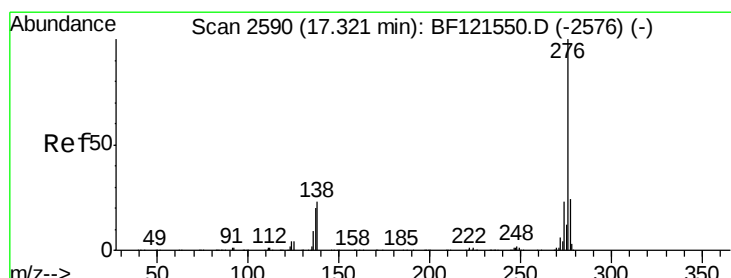
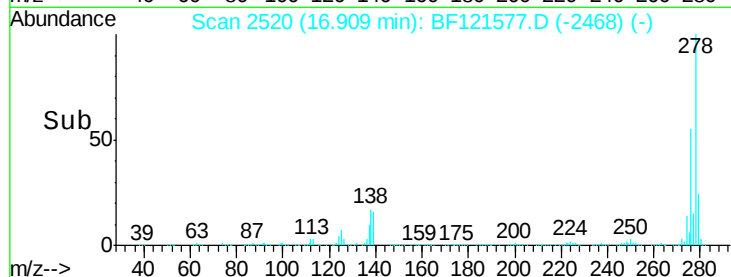
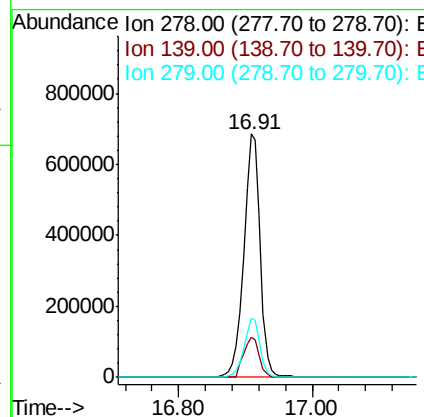
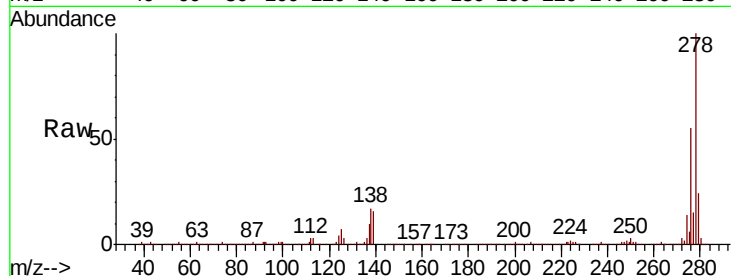
#91
Dibenzo(a,h)anthracene
Concen: 41.153 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.9	20.9
279	24.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:44 AM



#92
Benzo(g,h,i)perylene
Concen: 42.478 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF121577.D
Acq: 15 Sep 2020 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	22.5	18.7	28.1

