

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
 Data File : BF121594.D
 Acq On : 16 Sep 2020 13:33
 Operator : JU/CG
 Sample : L3998-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 9/18/2020 11:28:12 AM

Quant Time: Sep 16 14:02:05 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	6.82	152	182535	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	716244	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	368037	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	666982	20.00	ng	0.00
76) Chrysene-d12	13.98	240	408758	20.00	ng	-0.01
86) Perylene-d12	15.43	264	343720	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	991166	80.70	ng	0.01
7) Phenol-d6	6.46	99	1291097	80.12	ng	0.00
23) Nitrobenzene-d5	7.39	82	880034	65.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	390974	85.47	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1500957	61.77	ng	-0.01
79) Terphenyl-d14	12.93	244	1397407	69.26	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	204435	36.229	ng	99
3) Pyridine	3.40	79	572409	36.694	ng	100
4) n-Nitrosodimethylamine	3.35	42	284706	39.347	ng	100
6) Aniline	6.49	93	315836	15.049	ng	# 83
8) 2-Chlorophenol	6.61	128	520171	41.596	ng	99
9) Benzaldehyde	6.37	77	243832	23.147	ng	98
10) Phenol	6.48	94	688106	40.101	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	521264	40.305	ng	99
12) 1,3-Dichlorobenzene	6.76	146	547568	39.230	ng	98
13) 1,4-Dichlorobenzene	6.84	146	547387	39.056	ng	99
14) 1,2-Dichlorobenzene	6.99	146	530068	41.055	ng	99
15) Benzyl Alcohol	6.97	79	458768	41.887	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	809717	38.907	ng	93
17) 2-Methylphenol	7.09	107	421078	39.573	ng	95
18) Hexachloroethane	7.33	117	202370	40.326	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	360815	38.852	ng	98
20) 3+4-Methylphenols	7.24	107	505094	39.509	ng	96
22) Acetophenone	7.23	105	672431	37.003	ng	96
24) Nitrobenzene	7.40	77	567388	39.326	ng	99
25) Isophorone	7.65	82	1013428	37.739	ng	99
26) 2-Nitrophenol	7.72	139	271104	40.345	ng	94
27) 2,4-Dimethylphenol	7.76	122	453629	37.844	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	637947	38.374	ng	99
29) 2,4-Dichlorophenol	7.97	162	420738	38.537	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	447874	38.951	ng	99
31) Naphthalene	8.13	128	1452401	38.414	ng	100
32) Benzoic acid	7.90	122	303355	35.954	ng	98
33) 4-Chloroaniline	8.17	127	160880	9.816	ng	99
34) Hexachlorobutadiene	8.25	225	265583	39.351	ng	99
35) Caprolactam	8.55	113	138023m	37.963	ng	
36) 4-Chloro-3-methylphenol	8.67	107	458285	38.966	ng	99
37) 2-Methylnaphthalene	8.82	142	946433	38.197	ng	99
38) 1-Methylnaphthalene	8.92	142	883458	38.311	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	431700	37.551	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
 Data File : BF121594.D
 Acq On : 16 Sep 2020 13:33
 Operator : JU/CG
 Sample : L3998-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 9/18/2020 11:28:12 AM

Quant Time: Sep 16 14:02:05 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	8.97	237	476197	72.533	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	306708	39.141	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	320868	38.734	nq	97
46) 1,1'-Biphenyl	9.29	154	1122277	38.090	nq	97
47) 2-Chloronaphthalene	9.31	162	879845	37.895	nq	99
48) 2-Nitroaniline	9.40	65	293116	40.626	nq	99
49) Acenaphthylene	9.72	152	1360052	38.124	nq	99
50) Dimethylphthalate	9.59	163	1171870	43.932	nq	99
51) 2,6-Dinitrotoluene	9.65	165	239089	42.087	nq #	89
52) Acenaphthene	9.90	154	926358m	41.113	nq	
53) 3-Nitroaniline	9.81	138	110776	16.833	nq	98
54) 2,4-Dinitrophenol	9.92	184	208092	65.375	nq	92
55) Dibenzofuran	10.07	168	1197215	37.730	nq	99
56) 4-Nitrophenol	9.99	139	385988	73.546	nq	90
57) 2,4-Dinitrotoluene	10.05	165	312285	43.695	nq	97
58) Fluorene	10.41	166	912798	37.617	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	264617	39.292	nq	98
60) Diethylphthalate	10.29	149	1009881	38.831	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	443766	38.176	nq	97
62) 4-Nitroaniline	10.43	138	208450	31.901	nq	98
63) Azobenzene	10.56	77	1040061	37.553	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	147890	37.828	nq	97
66) n-Nitrosodiphenylamine	10.52	169	875767	38.272	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	300074	39.515	nq	95
68) Hexachlorobenzene	10.96	284	332950	38.851	nq	96
69) Atrazine	11.05	200	211019	37.118	nq	99
70) Pentachlorophenol	11.15	266	337767	71.766	nq	99
71) Phenanthrene	11.37	178	1381583	38.018	nq	99
72) Anthracene	11.42	178	1403604	37.428	nq	100
73) Carbazole	11.57	167	1236130	36.527	nq	99
74) Di-n-butylphthalate	11.91	149	1506329	38.566	nq	99
75) Fluoranthene	12.56	202	1408149	36.299	nq	98
77) Benzidine	12.67	184	478647	35.321	nq	99
78) Pyrene	12.79	202	1385634	46.396	nq	100
80) Butylbenzylphthalate	13.40	149	583330	48.295	nq	96
81) Benzo(a)anthracene	13.97	228	1021633	39.506	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	219666	21.758	nq	98
83) Chrysene	14.01	228	1019624	38.937	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	734884	45.544	nq	99
85) Di-n-octyl phthalate	14.57	149	1190549	41.808	nq	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1107152	49.461	nq	99
88) Benzo(b)fluoranthene	15.01	252	949718	41.332	nq	99
89) Benzo(k)fluoranthene	15.04	252	831835m	39.532	nq	
90) Benzo(a)pyrene	15.37	252	802298	41.076	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	891366	47.837	nq	99
92) Benzo(g,h,i)perylene	17.32	276	964683	52.669	nq	98

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

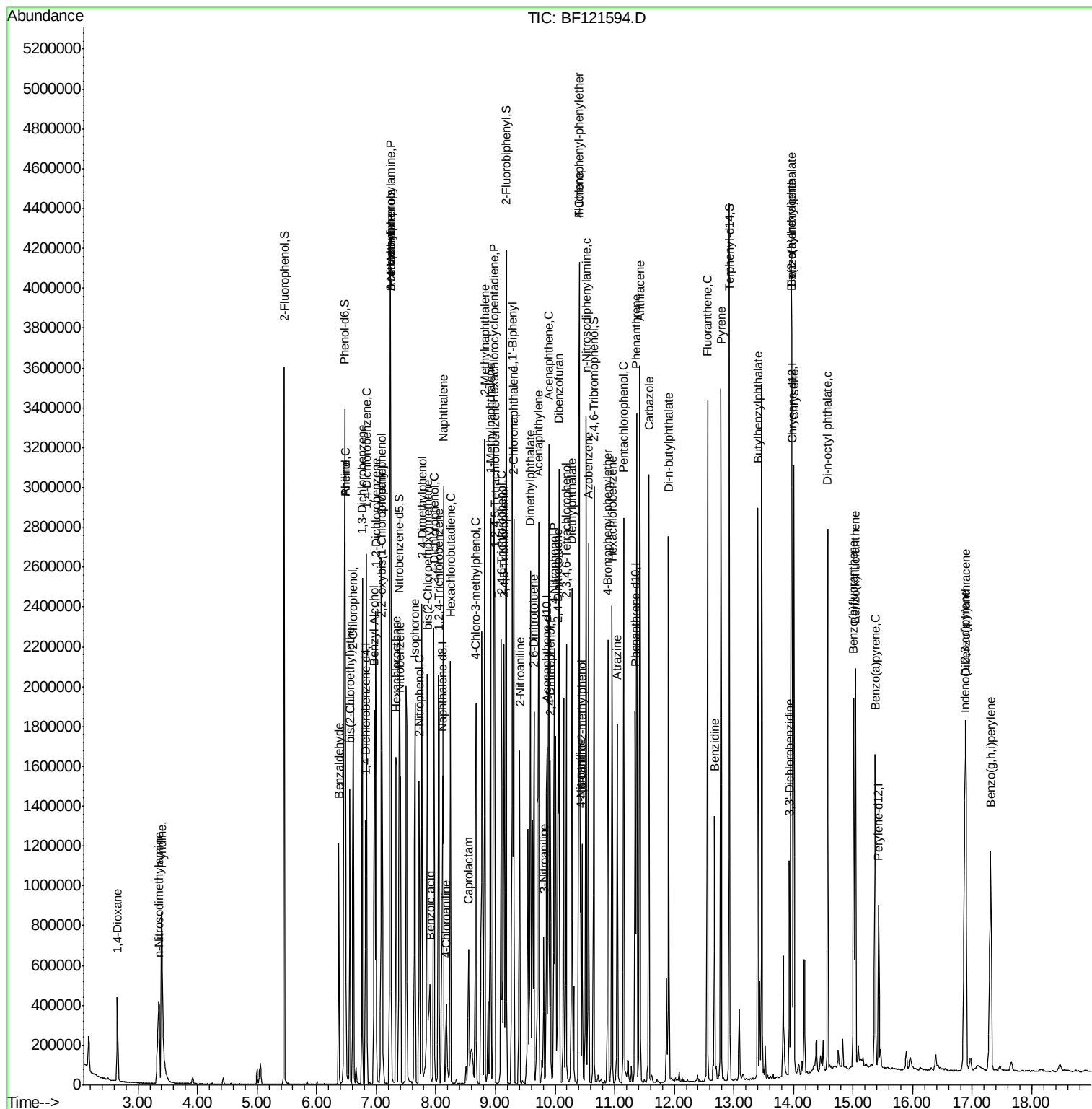
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
Data File : BF121594.D
Acq On : 16 Sep 2020 13:33
Operator : JU/CG
Sample : L3998-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

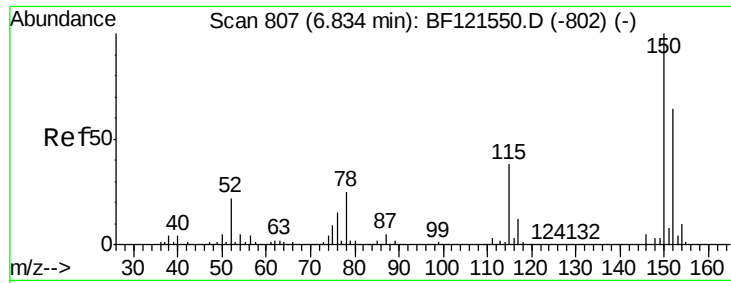
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM

Quant Time: Sep 16 14:02:05 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





#1

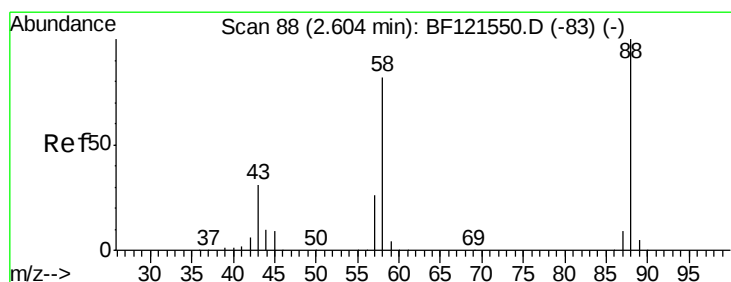
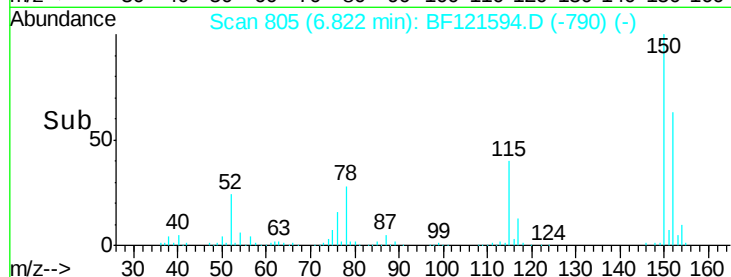
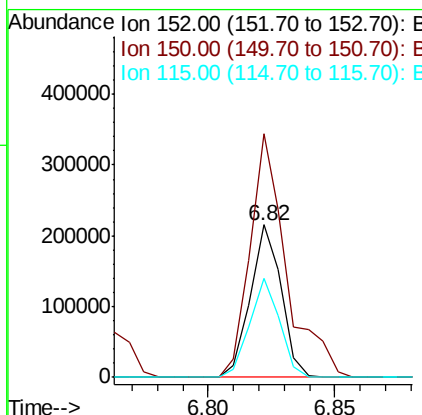
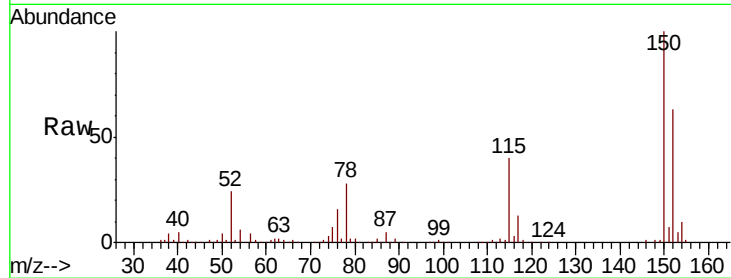
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.8	188.6
115	64.8	47.8	71.8

Manual Integrations
APPROVED

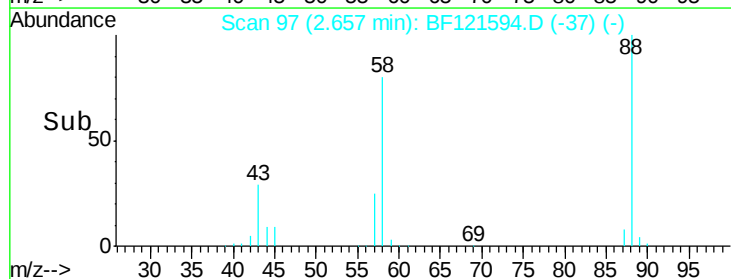
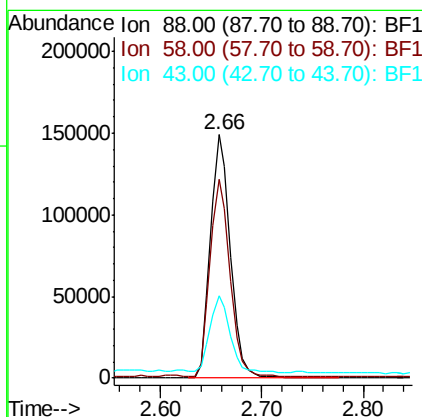
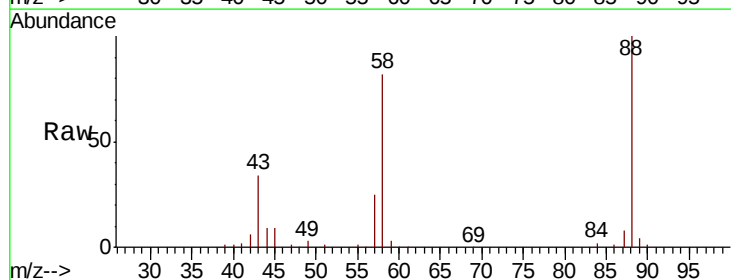
mohammad
9/18/2020 11:28:12 AM

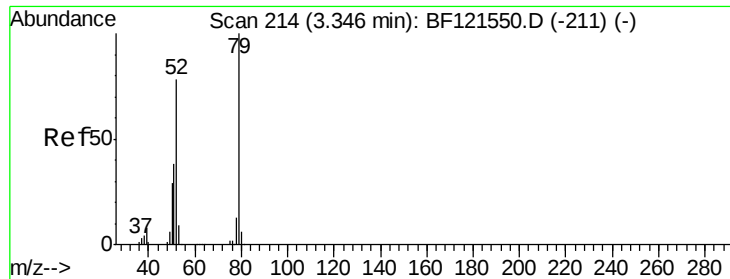


#2

1,4-Dioxane
Concen: 36.229 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.05 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	65.1	97.7
43	31.7	25.0	37.4





#3

Pvridine

Concen: 36.694 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.05 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

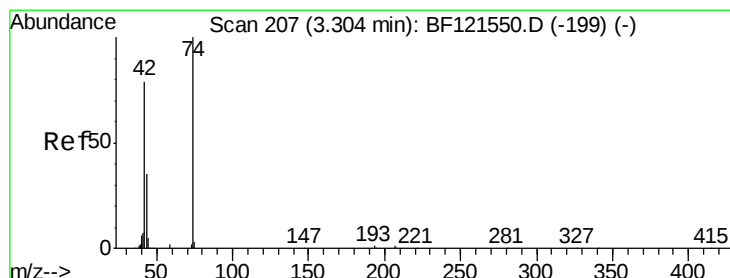
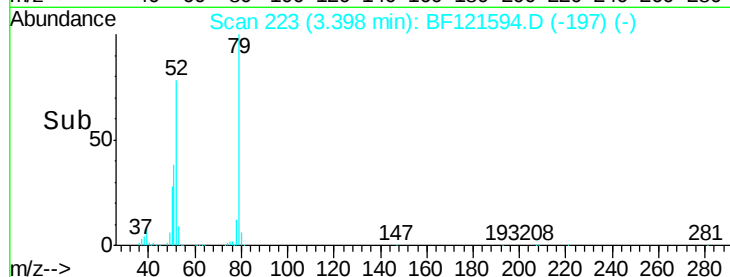
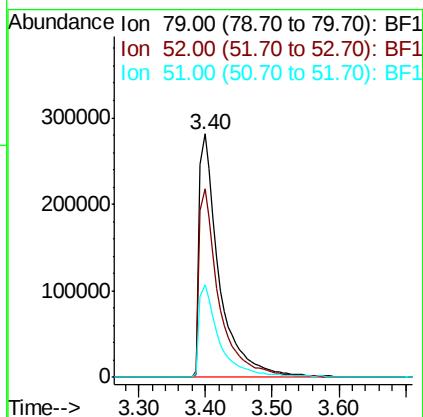
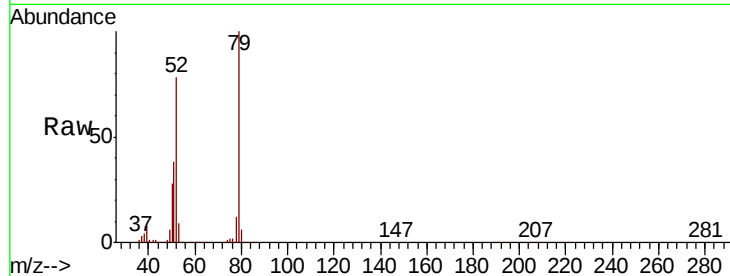
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	79	Resp:	572409
Ion	Ratio	Lower	Upper
79	100		
52	77.7	62.2	93.2
51	37.8	30.6	45.8

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



#4

n-Nitrosodimethylamine

Concen: 39.347 ng

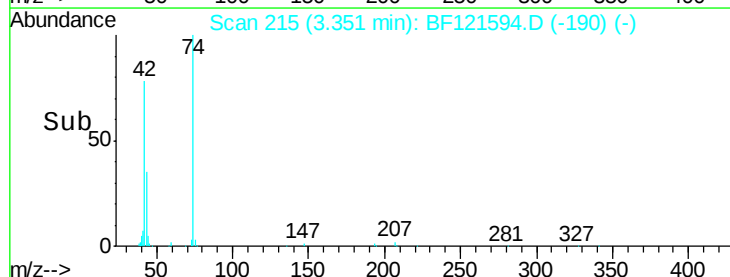
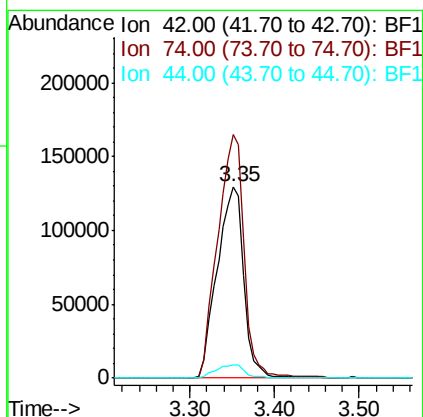
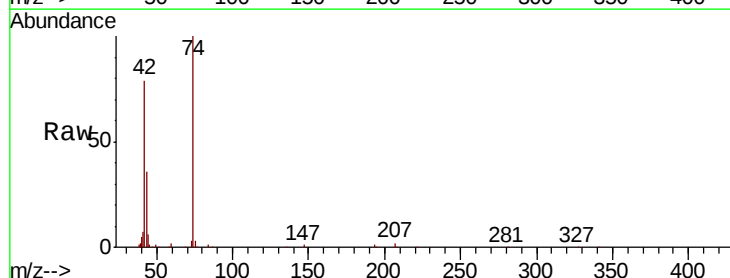
RT: 3.35 min Scan# 215

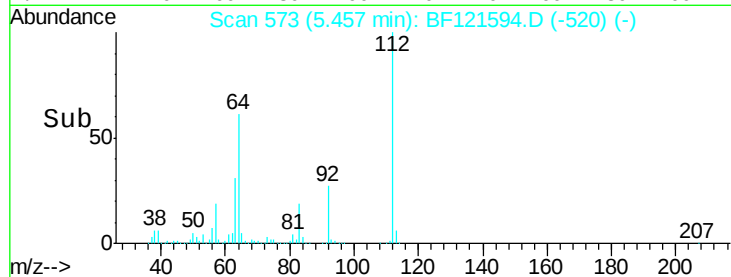
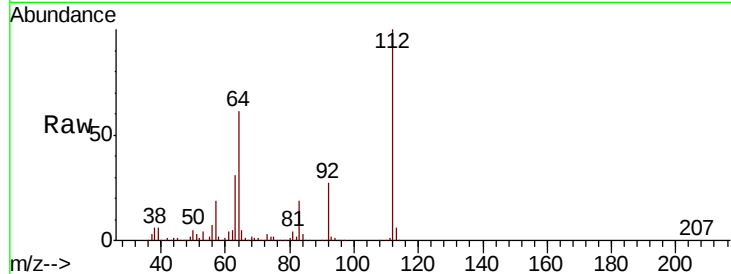
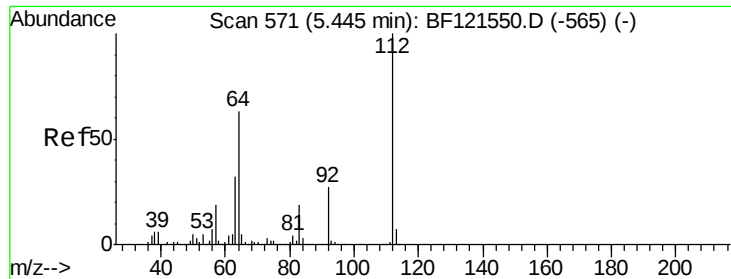
Delta R.T. 0.05 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	42	Resp:	284706
Ion	Ratio	Lower	Upper
42	100		
74	127.2	101.7	152.5
44	7.1	5.4	8.2





#5

2-Fluorophenol

Concen: 80.697 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

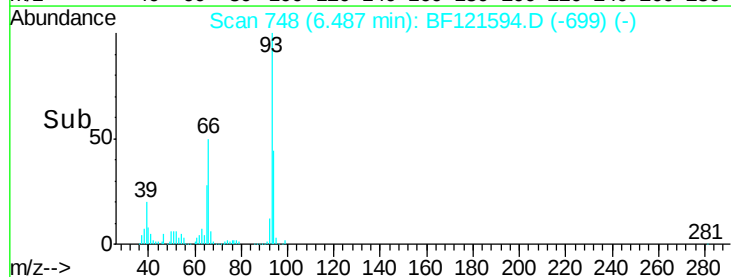
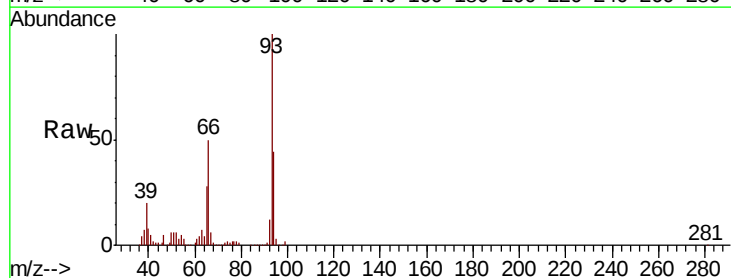
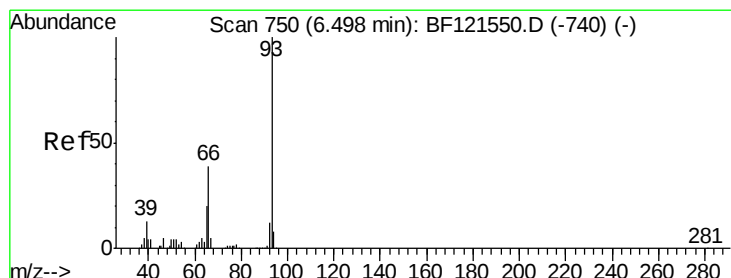
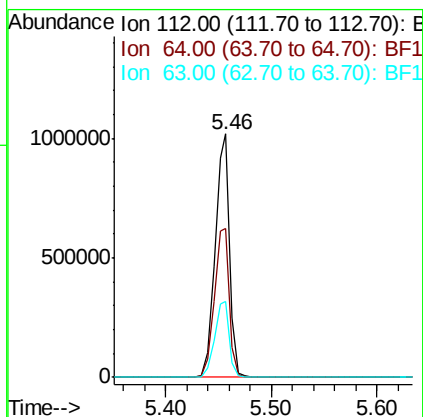
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	991166		
64	61.4	50.3	75.5	
63	31.2	25.6	38.4	

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



#6

Aniline

Concen: 15.049 ng

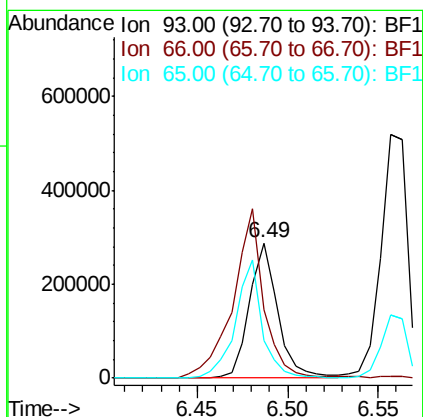
RT: 6.49 min Scan# 748

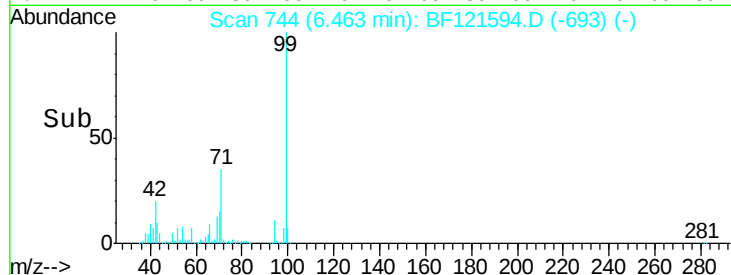
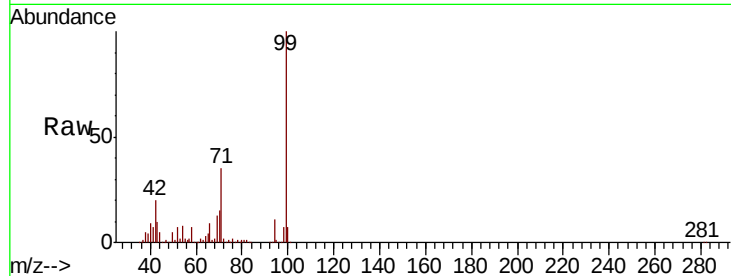
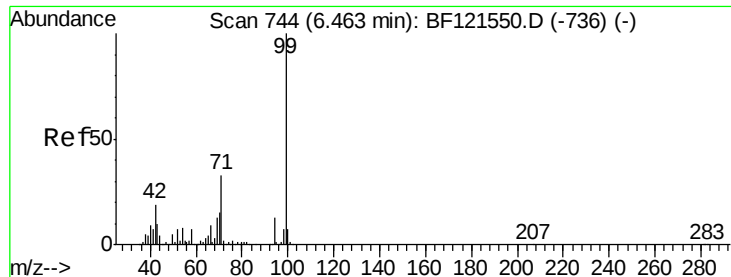
Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	315836		
66	50.0	31.8	47.8#	
65	27.9	16.2	24.2#	





#7

Phenol-d6

Concen: 80.122 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Tot Ion:	99	Resp:	1291097
Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.5	23.3
71	34.5	26.1	39.1

Instrument :

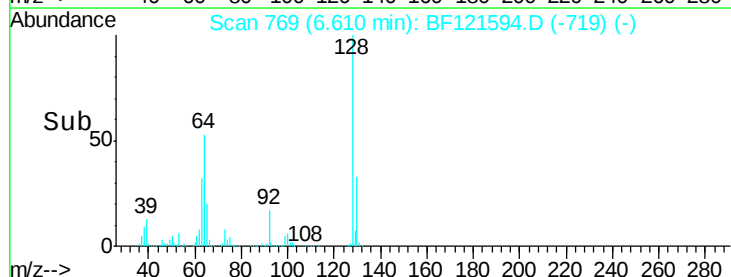
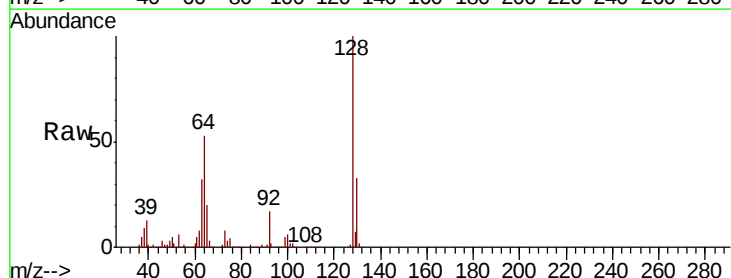
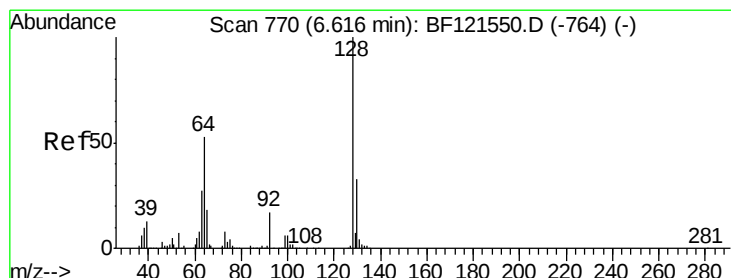
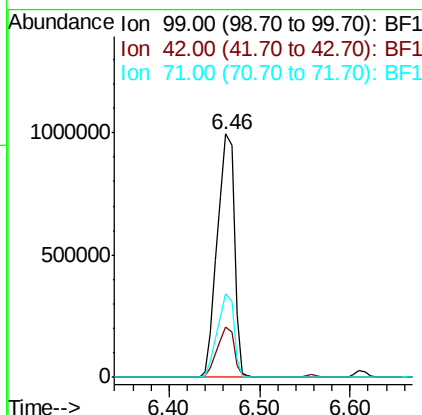
BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



#8

2-Chlorophenol

Concen: 41.596 ng

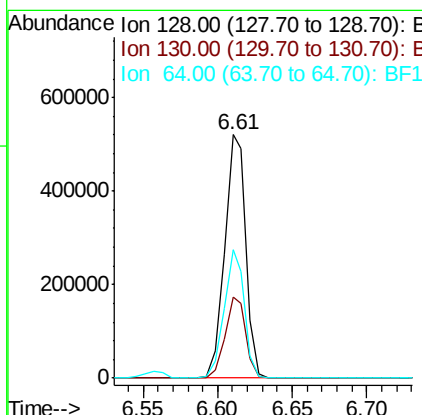
RT: 6.61 min Scan# 769

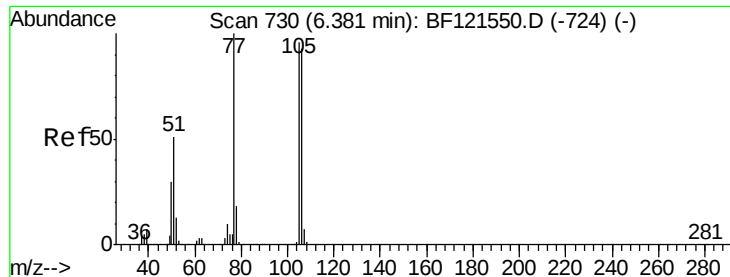
Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	128	Resp:	520171
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	52.7	33.1	73.1





#9

Benzaldehyde

Concen: 23.147 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

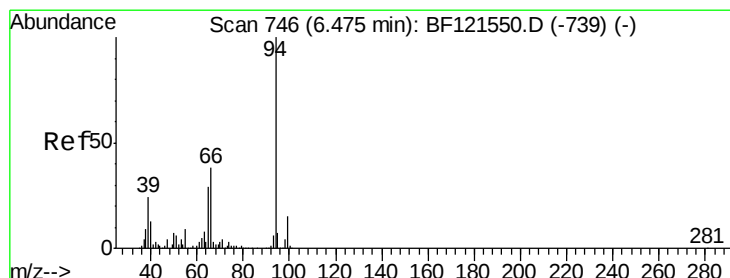
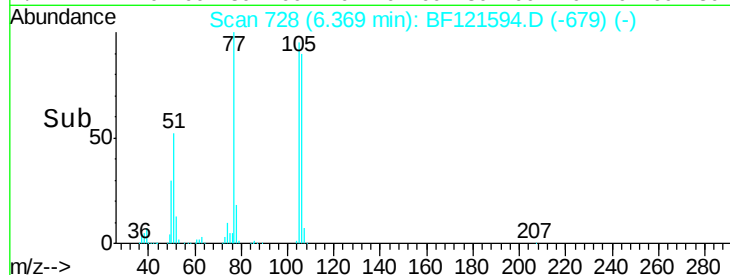
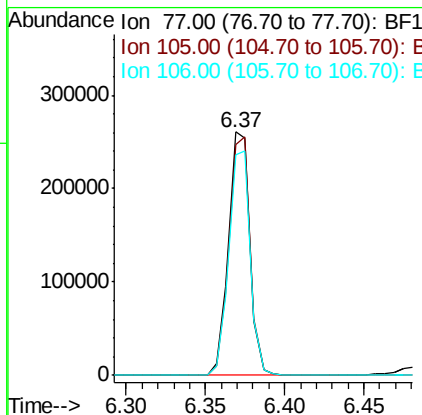
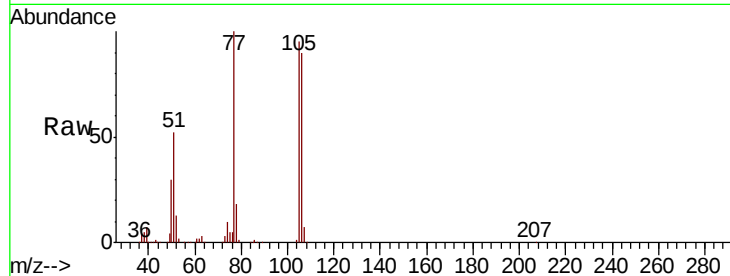
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	77	Resp:	243832
Ion Ratio	Lower	Upper	
77	100		
105	94.9	76.4	116.4
106	90.5	73.5	113.5

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



#10

Phenol

Concen: 40.101 ng

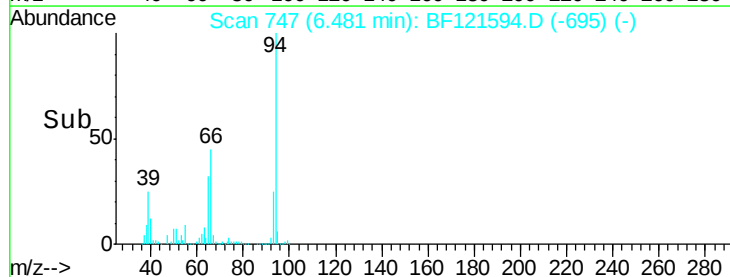
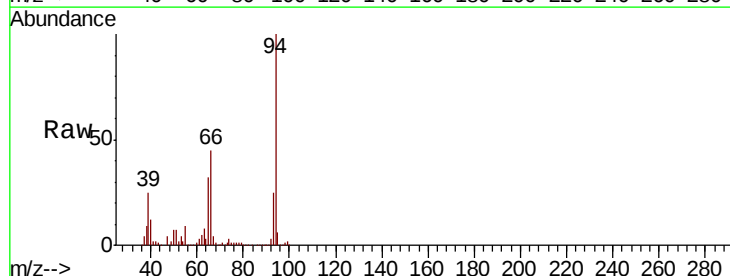
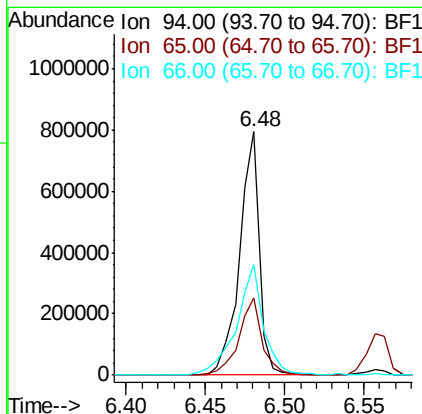
RT: 6.48 min Scan# 747

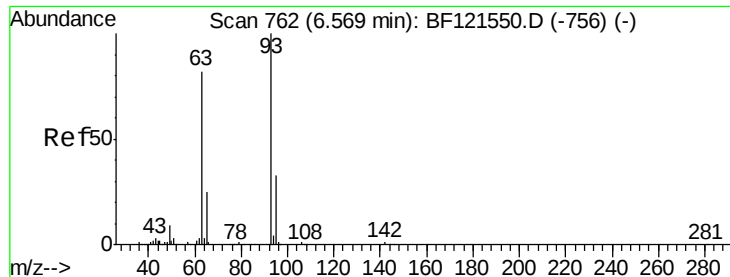
Delta R.T. 0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	94	Resp:	688106
Ion Ratio	Lower	Upper	
94	100		
65	31.8	9.4	49.4
66	45.4	18.3	58.3





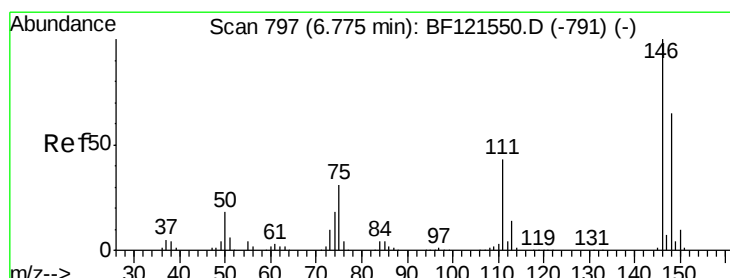
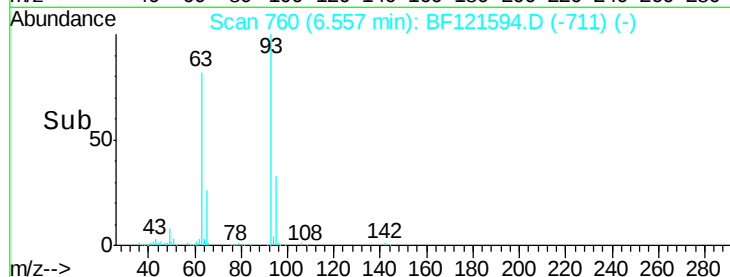
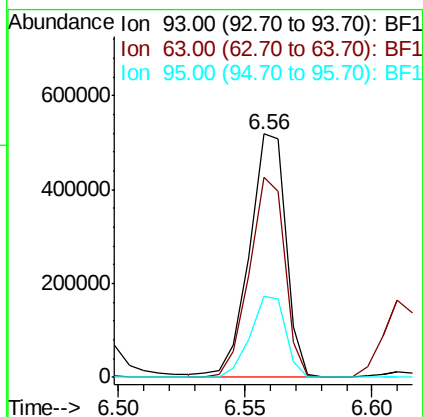
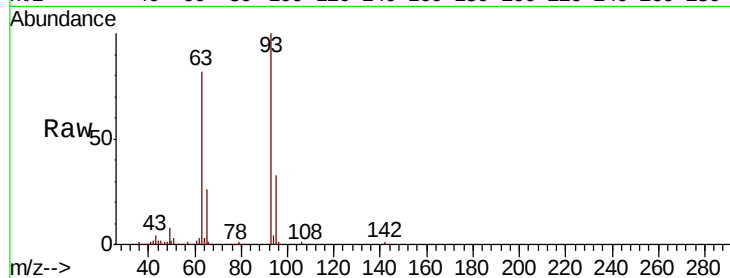
#11
bis(2-Chloroethyl)ether
Concen: 40.305 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.3	61.7	101.7
95	33.2	12.7	52.7

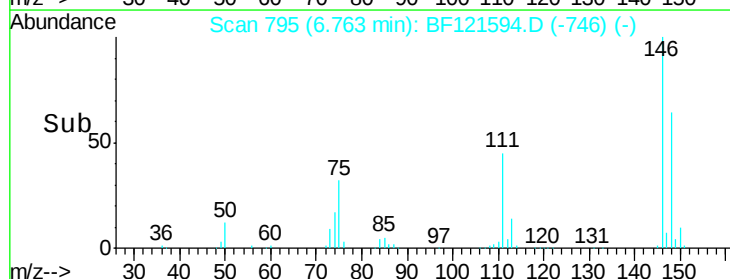
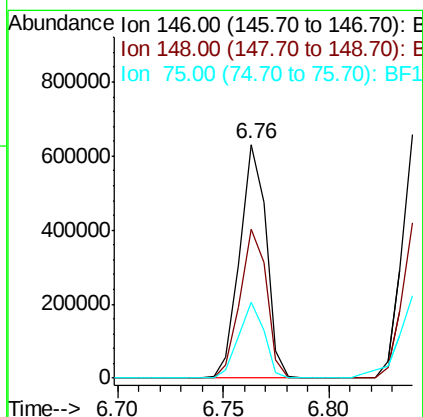
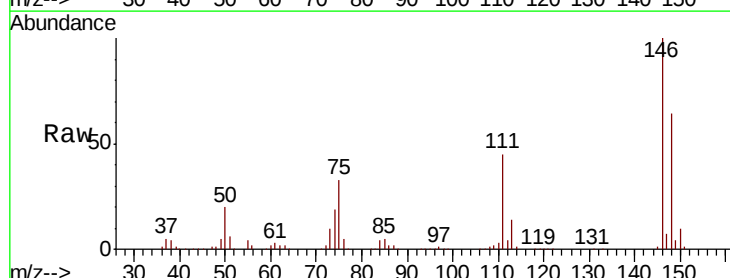
Manual Integrations
APPROVED

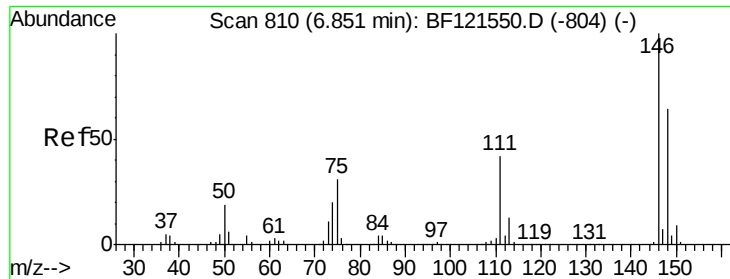
mohammad
9/18/2020 11:28:12 AM



#12
1,3-Dichlorobenzene
Concen: 39.230 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	32.7	24.6	36.8





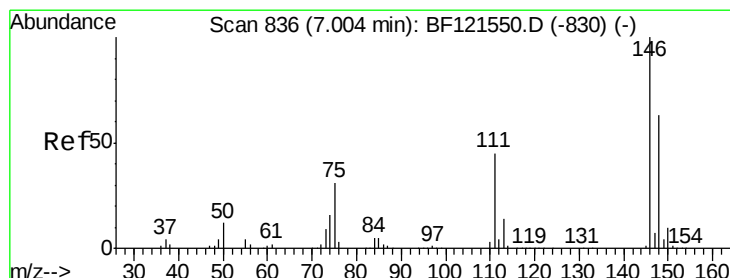
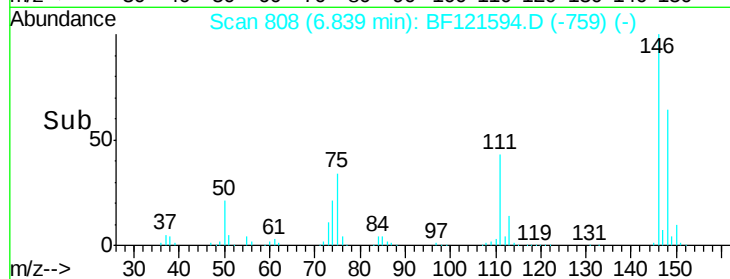
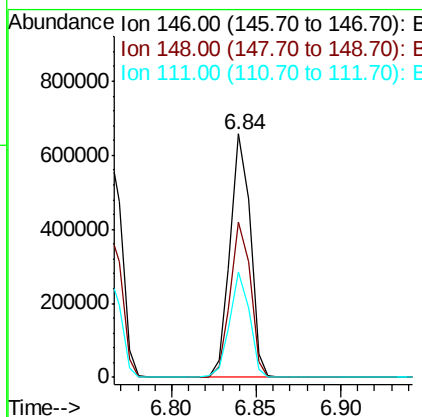
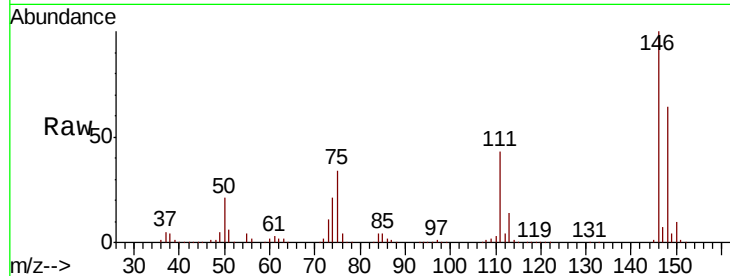
#13
 1,4-Dichlorobenzene
 Concen: 39.056 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.2	76.8
111	43.2	33.4	50.0

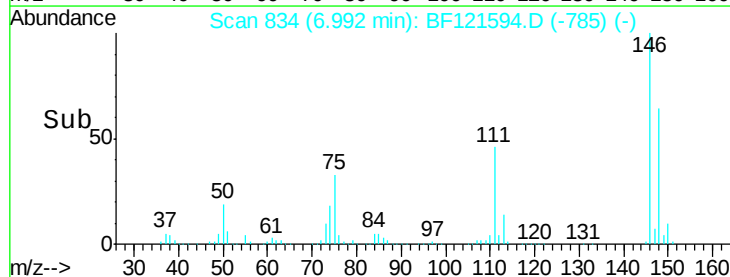
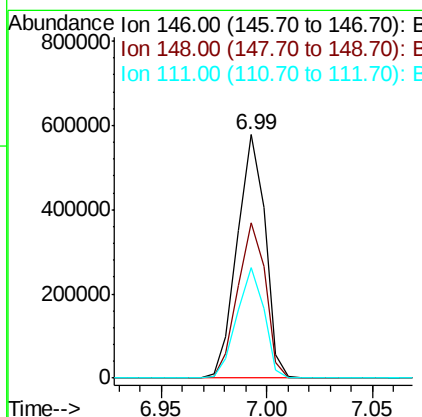
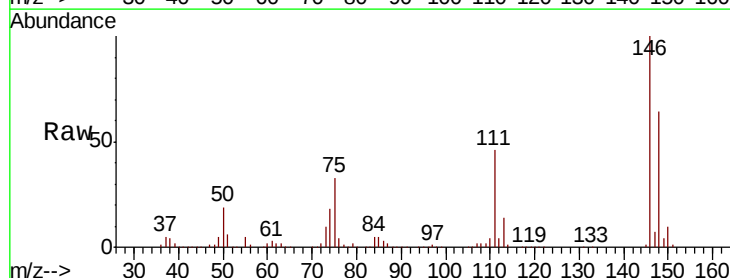
Manual Integrations
 APPROVED

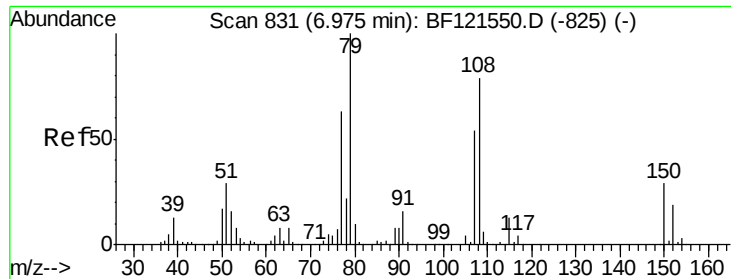
mohammad
 9/18/2020 11:28:12 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.055 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.7	76.1
111	45.6	35.8	53.6





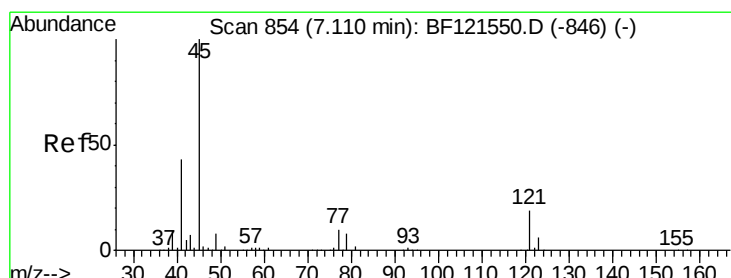
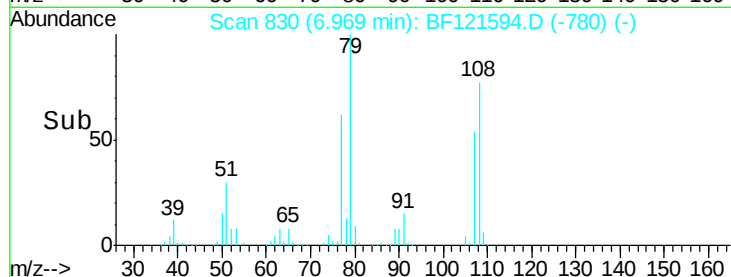
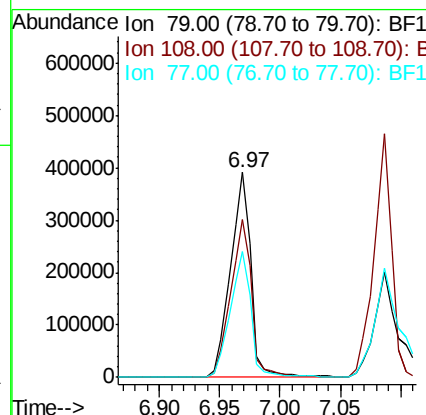
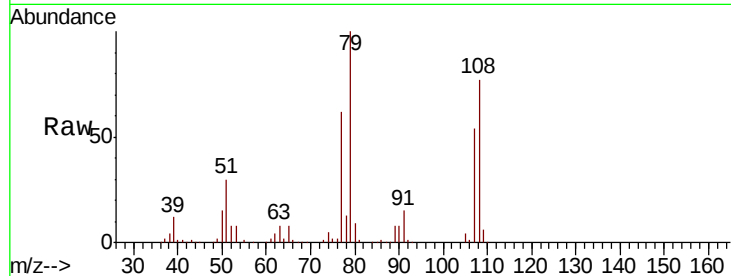
#15
Benzyl Alcohol
Concen: 41.887 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	63.1	94.7
77	61.5	50.2	75.2

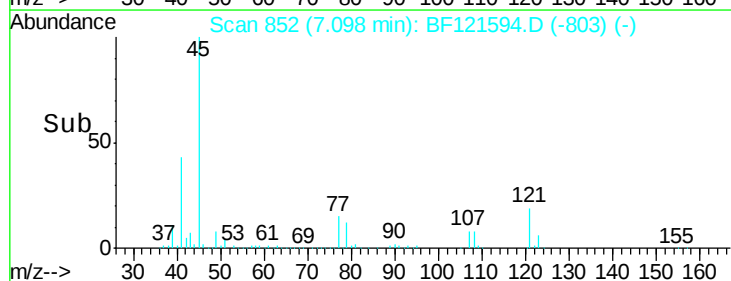
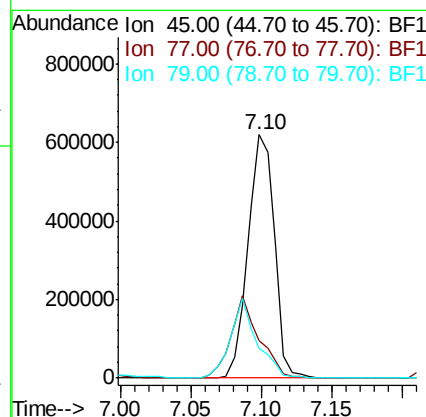
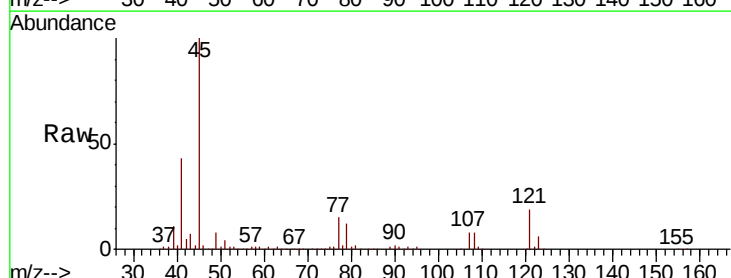
Manual Integrations
APPROVED

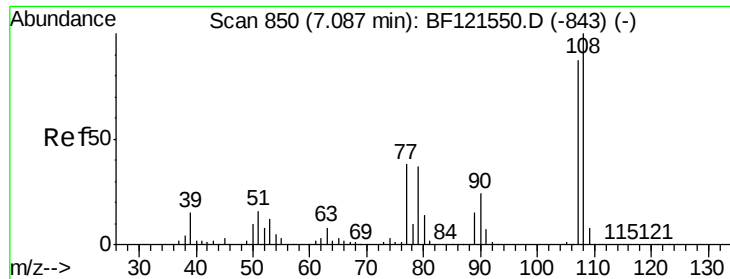
mohammad
9/18/2020 11:28:12 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.907 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	32.5
79	12.0	0.0	29.8





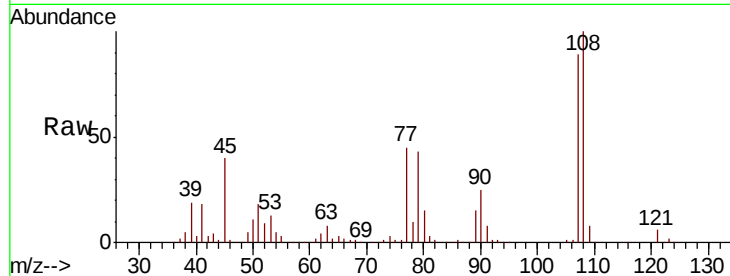
#17
2-Methylphenol
Concen: 39.573 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	92.1	138.1	
77	50.2	35.5	53.3	
79	48.6	34.5	51.7	

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



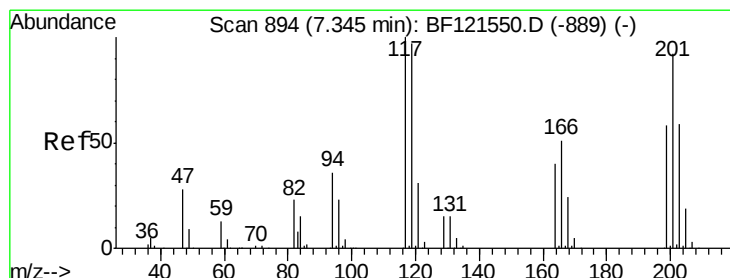
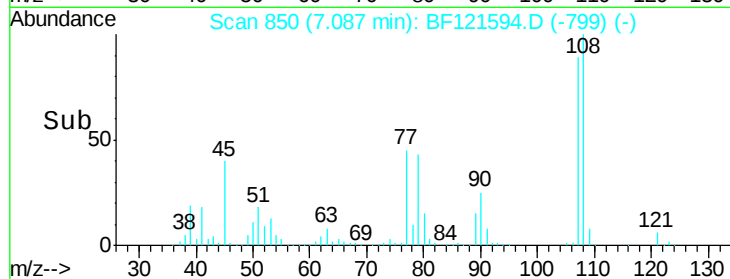
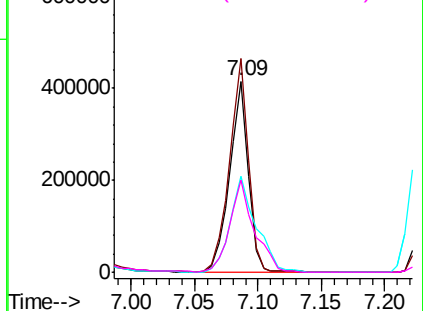
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

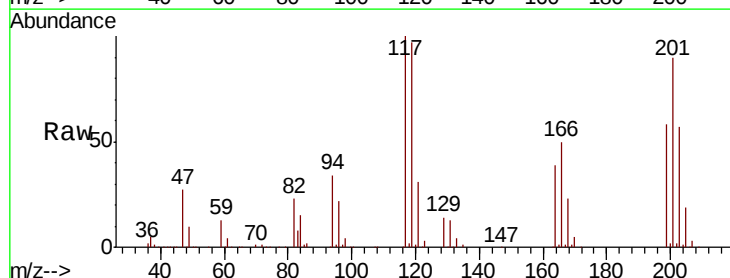
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.326 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	77.2	115.8	
201	89.8	73.7	110.5	

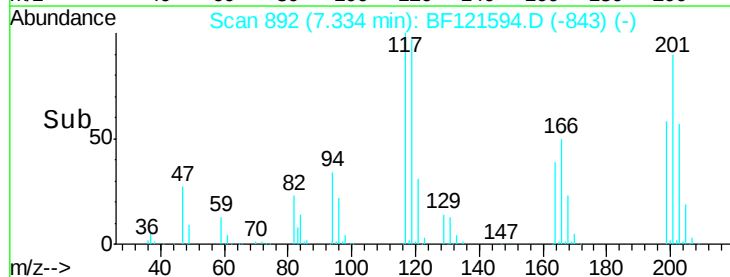
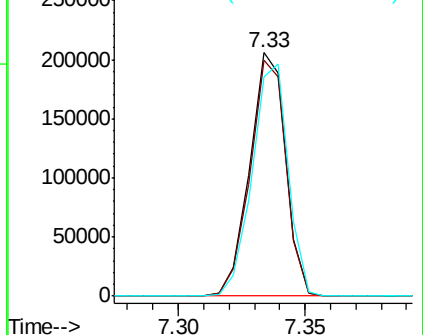


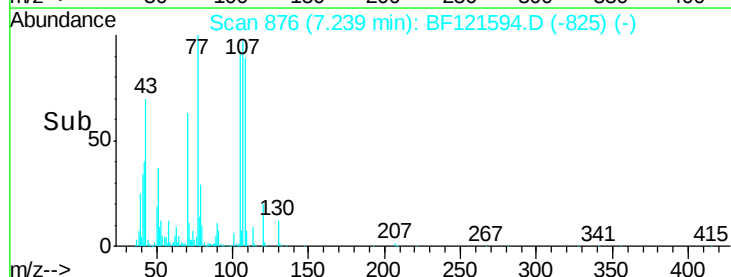
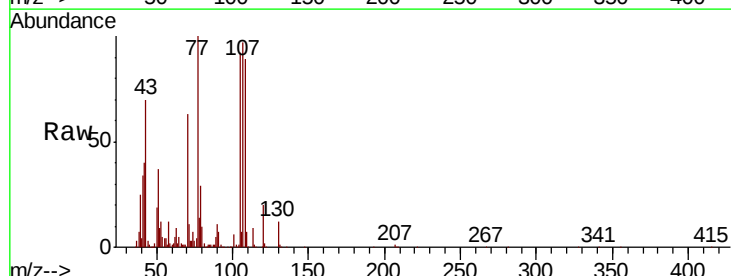
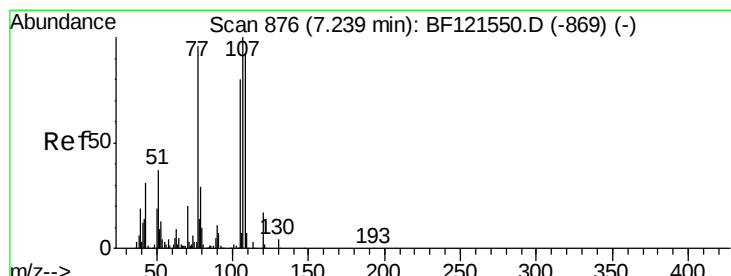
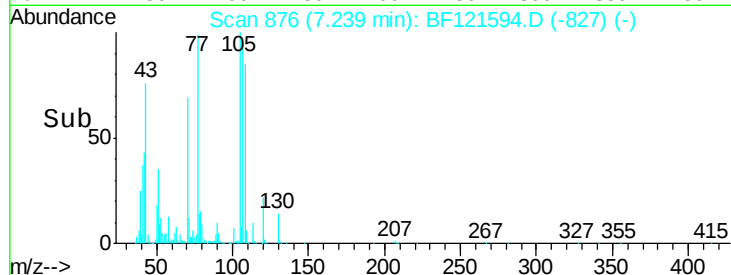
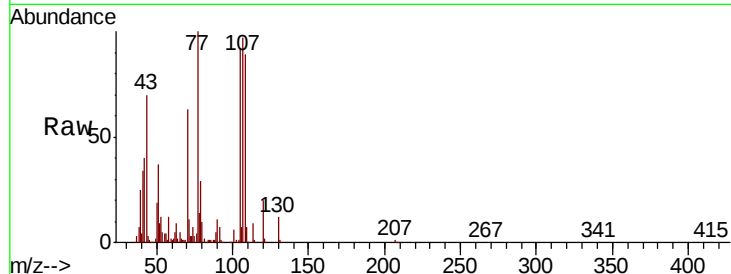
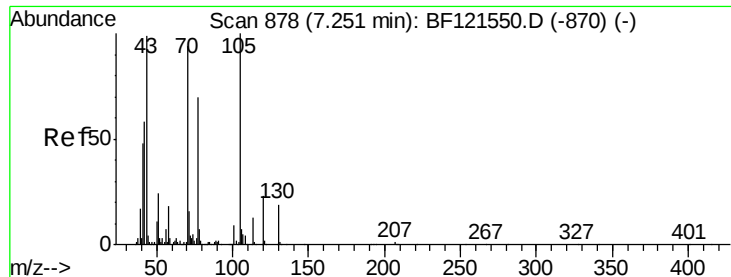
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





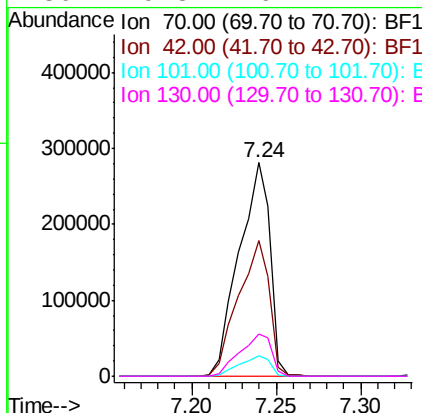
#19
n-Nitroso-di-n-propylamine
Concen: 38.852 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.5	49.4	74.2	
101	9.8	7.6	11.4	
130	19.8	16.2	24.4	

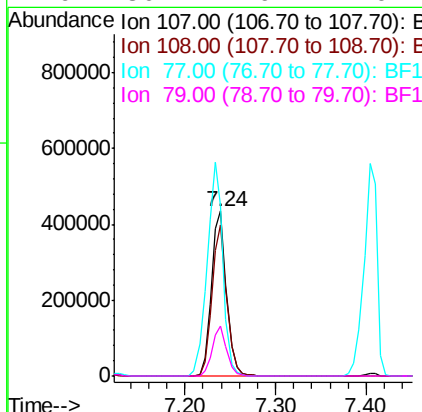
Manual Integrations
APPROVED

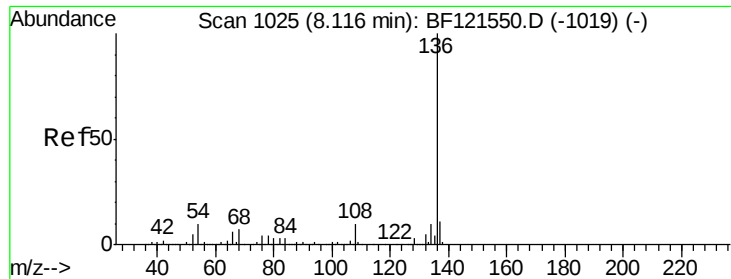
mohammad
9/18/2020 11:28:12 AM



#20
3+4-Methylphenols
Concen: 39.509 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	71.8	111.8	
77	103.5	75.5	115.5	
79	30.2	9.2	49.2	





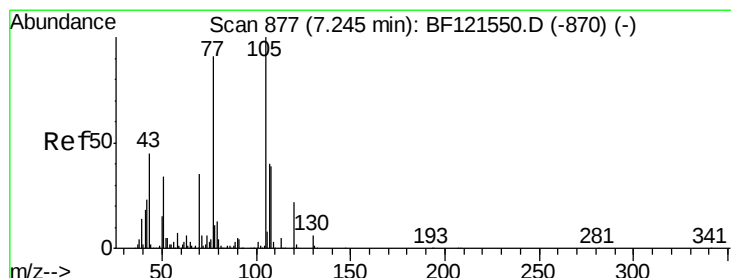
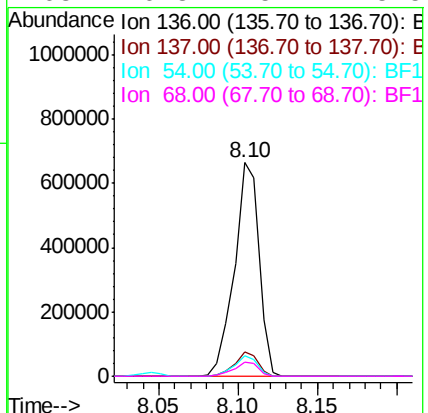
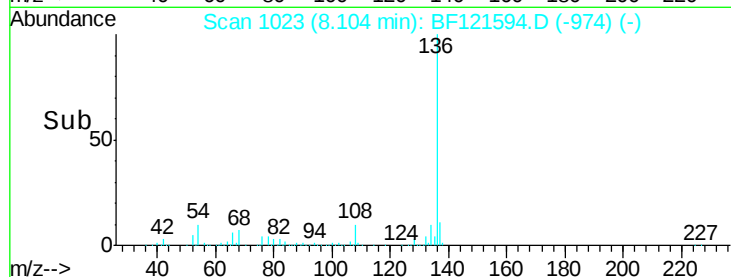
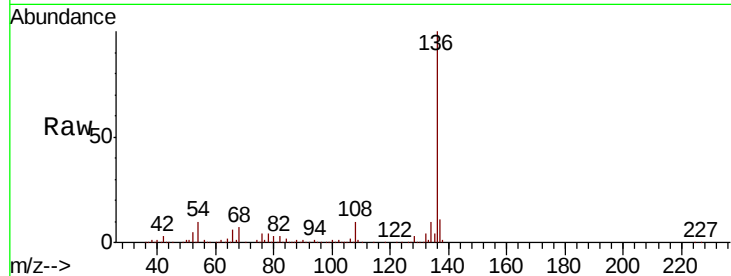
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	716244		
137	11.3	9.0	13.6	
54	9.8	7.6	11.4	
68	6.8	5.7	8.5	

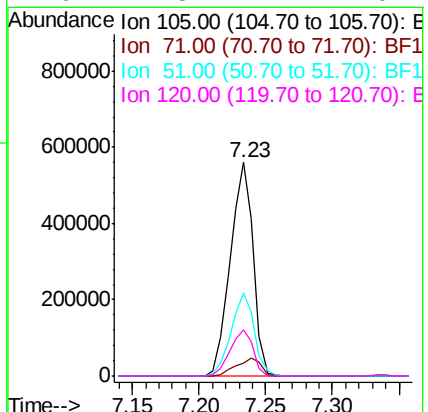
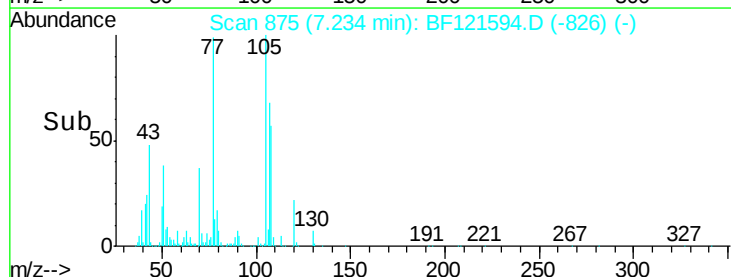
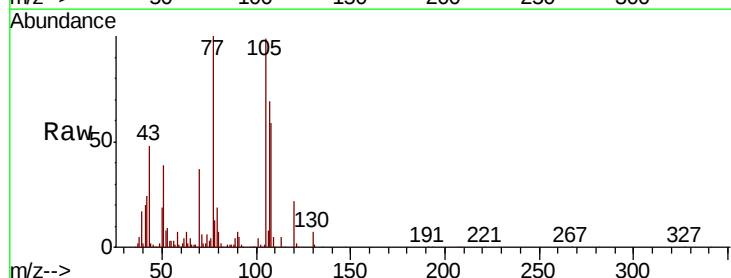
Manual Integrations
APPROVED

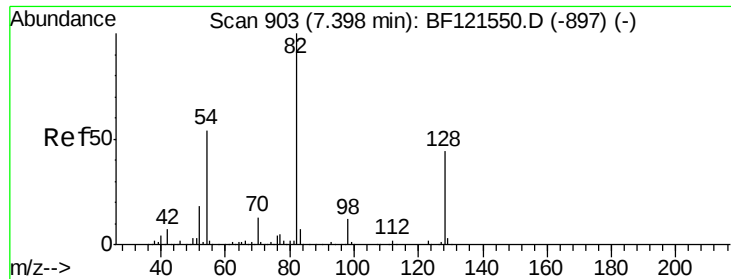
mohammad
9/18/2020 11:28:12 AM



#22
Acetophenone
Concen: 37.003 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	672431		
71	6.2	4.6	7.0	
51	38.9	27.6	41.4	
120	21.8	17.4	26.2	





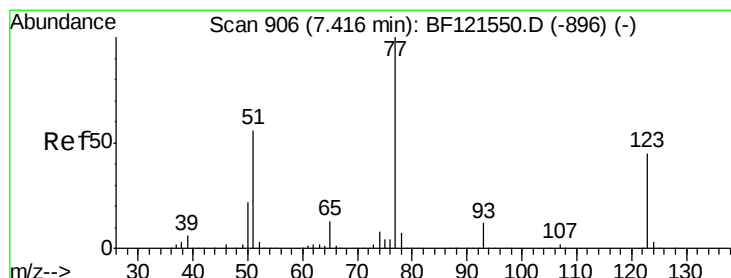
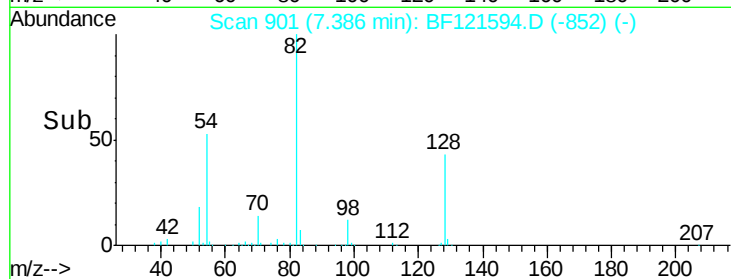
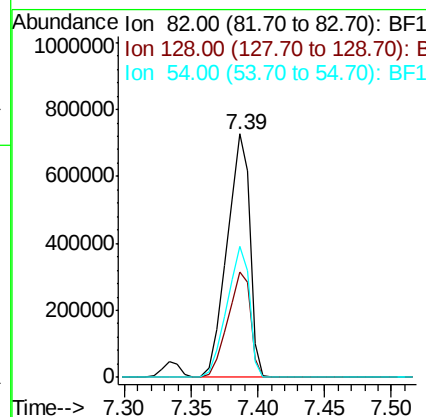
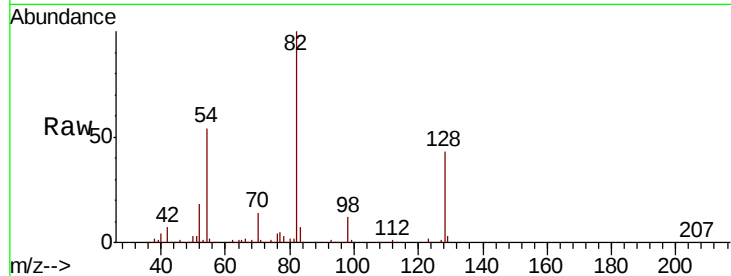
#23
Nitrobenzene-d5
Concen: 65.970 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.1	35.1	52.7	
54	53.8	43.0	64.6	

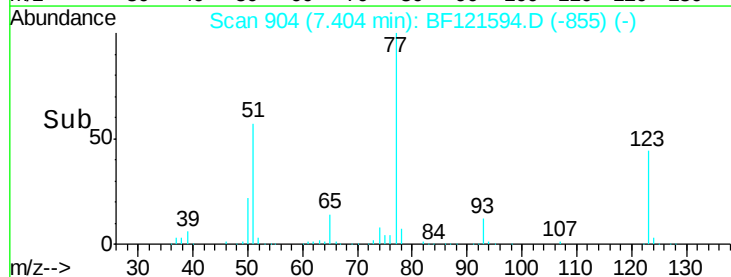
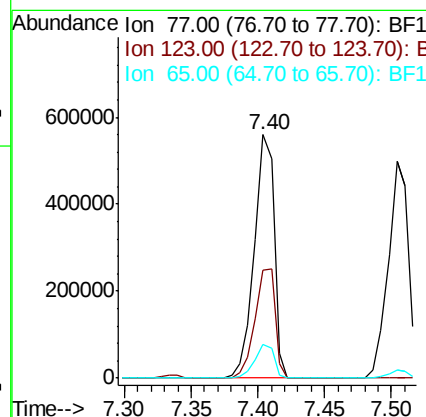
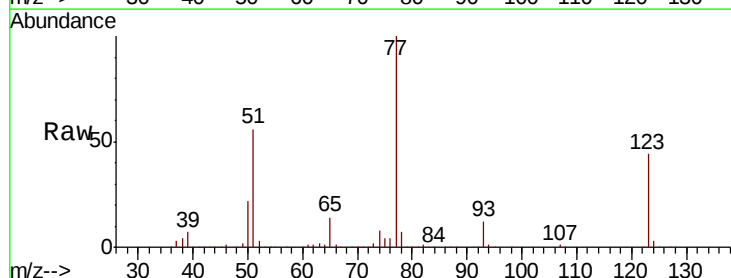
Manual Integrations
APPROVED

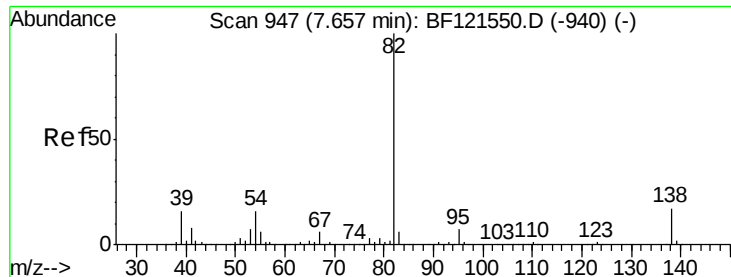
mohammad
9/18/2020 11:28:12 AM



#24
Nitrobenzene
Concen: 39.326 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.1	35.8	53.8	
65	14.0	10.7	16.1	





#25

Isophorone

Concen: 37.739 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion: 82 Resp: 1013428

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

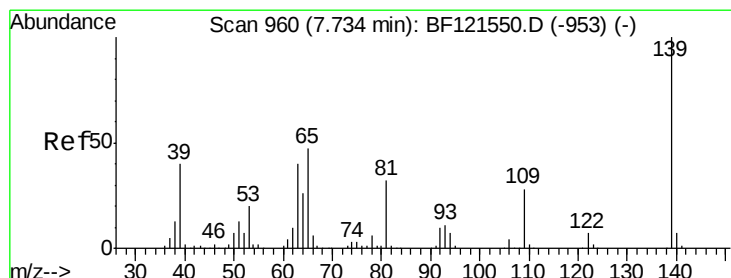
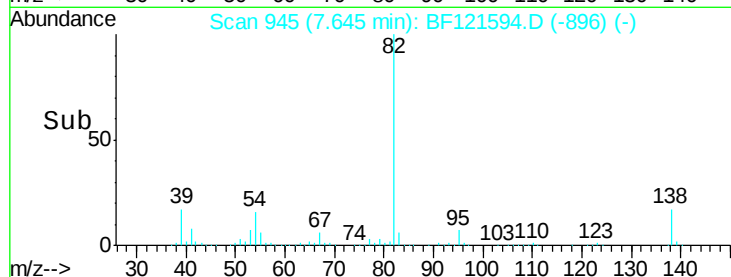
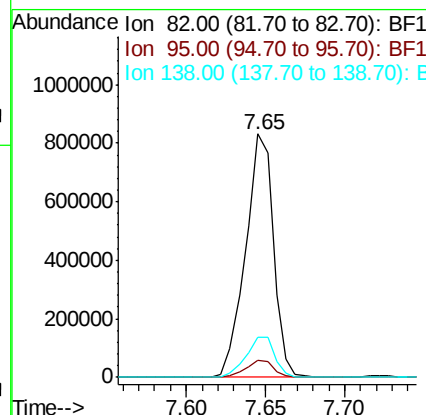
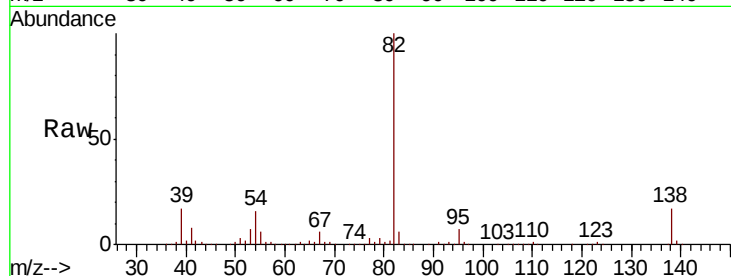
138 16.7 13.7 20.5

Manual Integrations

APPROVED

mohammad

9/18/2020 11:28:12 AM



#26

2-Nitrophenol

Concen: 40.345 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

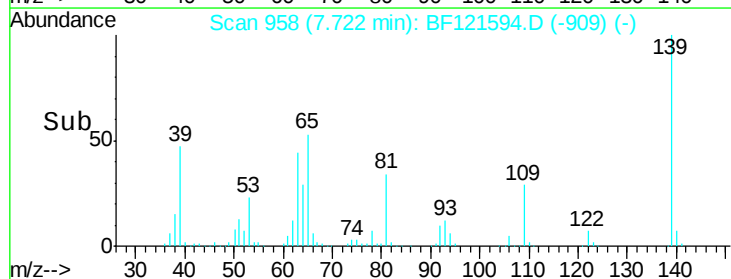
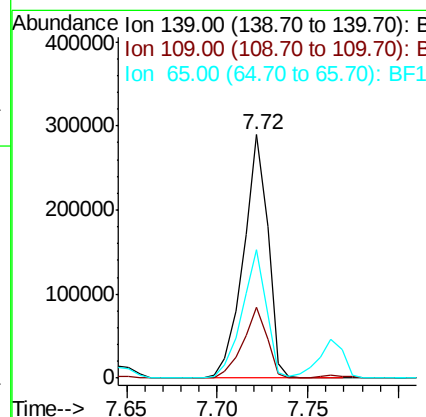
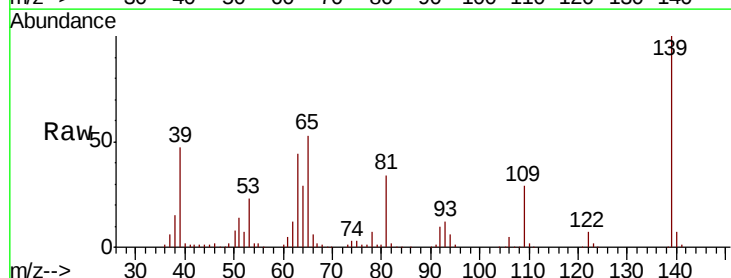
Tgt Ion: 139 Resp: 271104

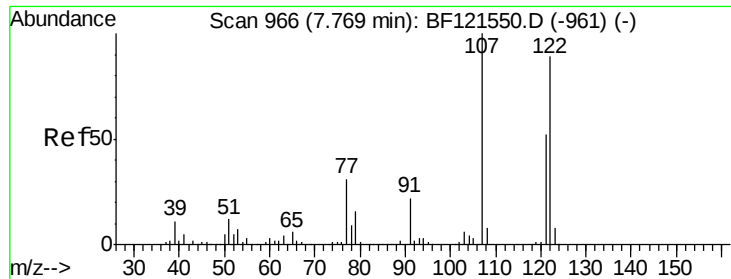
Ion Ratio Lower Upper

139 100

109 28.9 22.4 33.6

65 52.9 37.6 56.4





#27

2,4-Dimethylphenol

Concen: 37.844 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

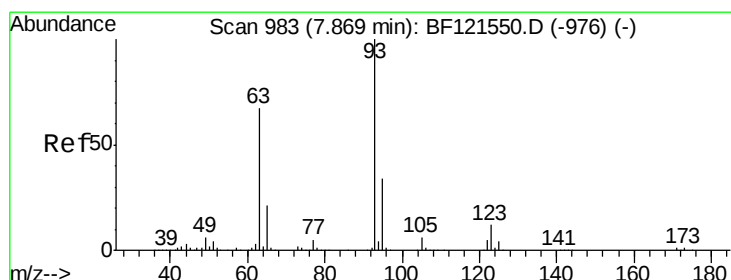
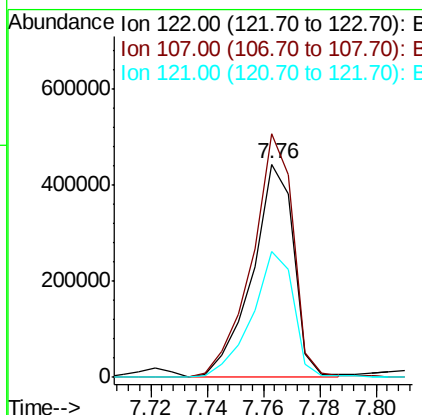
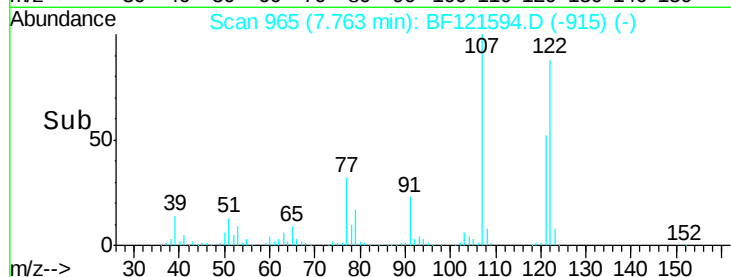
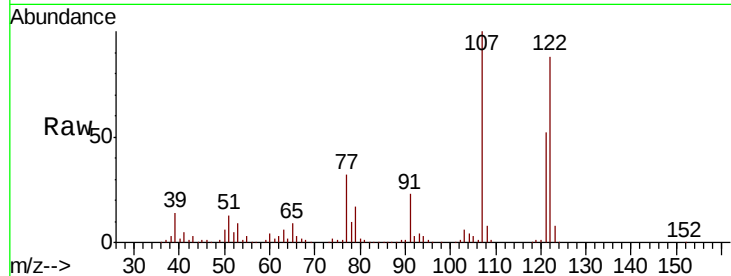
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	122	Resp:	453629
Ion	Ratio	Lower	Upper
122	100		
107	114.2	89.5	134.3
121	59.2	46.6	70.0

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



#28

bis(2-Chloroethoxy)methane

Concen: 38.374 ng

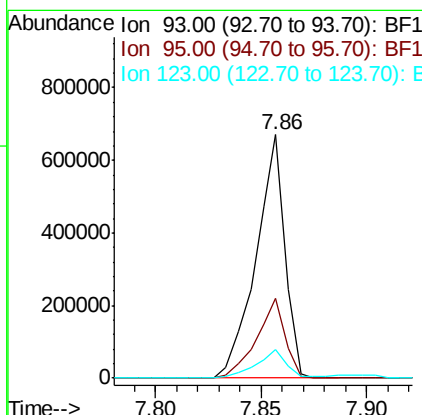
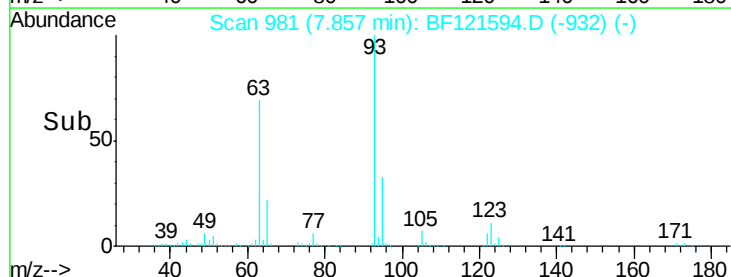
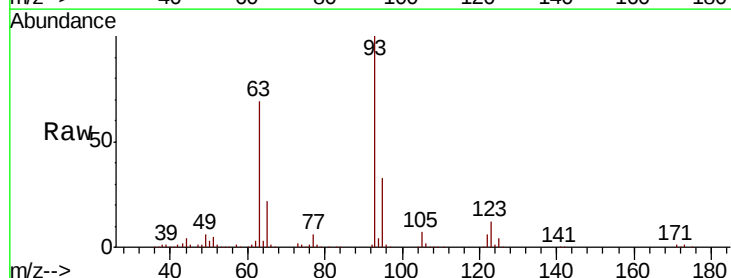
RT: 7.86 min Scan# 981

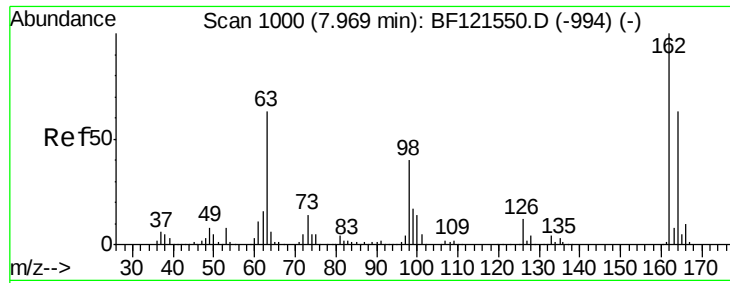
Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	93	Resp:	637947
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.8	40.2
123	11.6	9.7	14.5





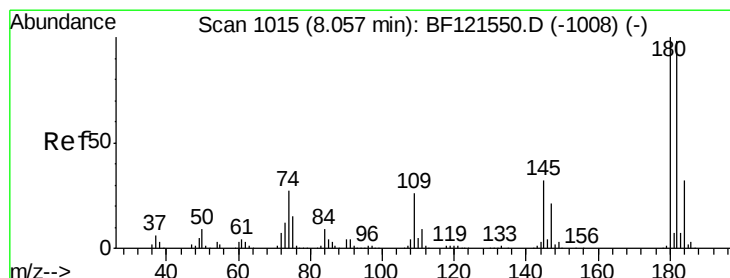
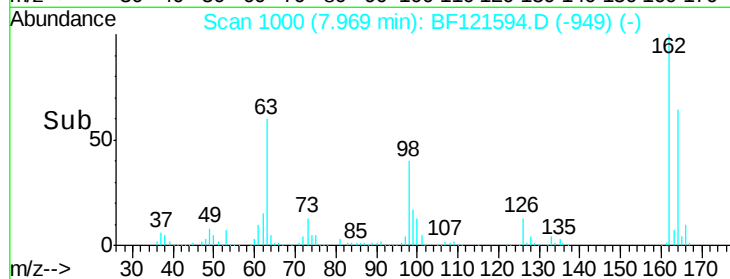
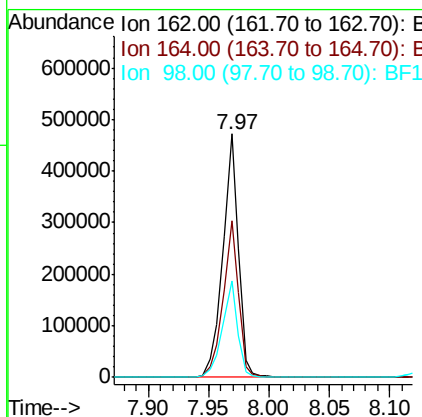
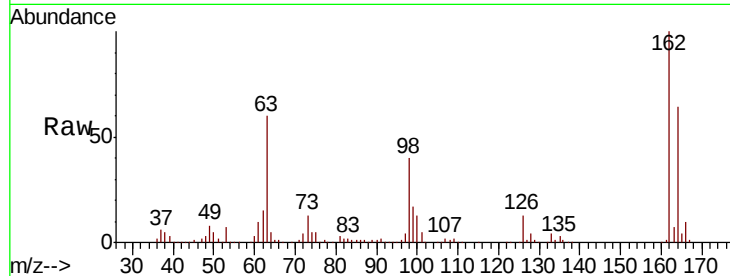
#29
 2,4-Dichlorophenol
 Concen: 38.537 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	420738		
164	64.3	43.5	83.5	
98	39.5	20.2	60.2	

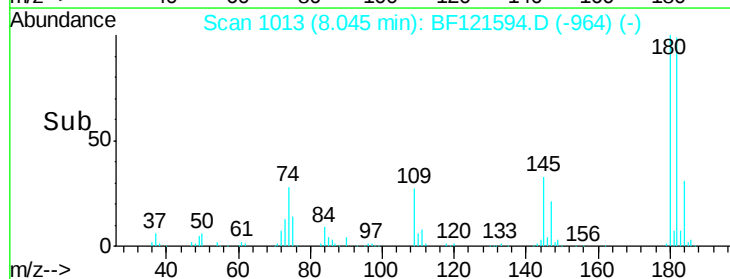
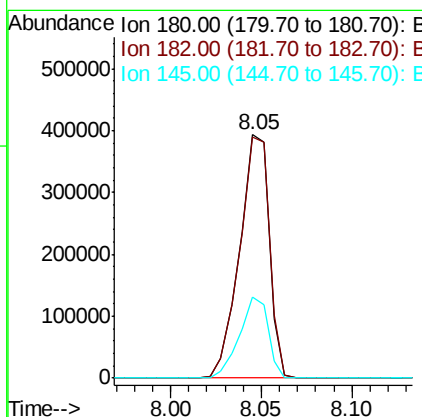
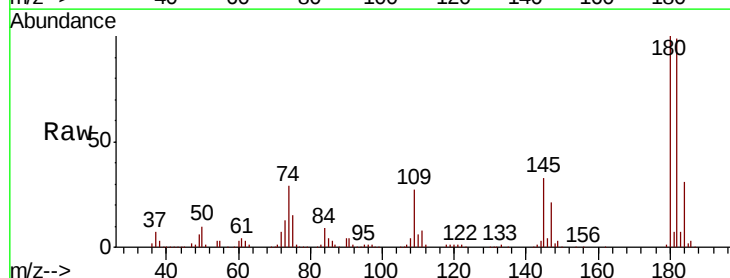
Manual Integrations
 APPROVED

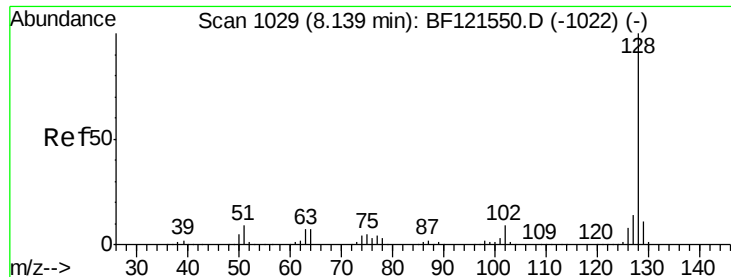
mohammad
 9/18/2020 11:28:12 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.951 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	447874		
182	99.2	78.7	118.1	
145	33.2	26.0	39.0	





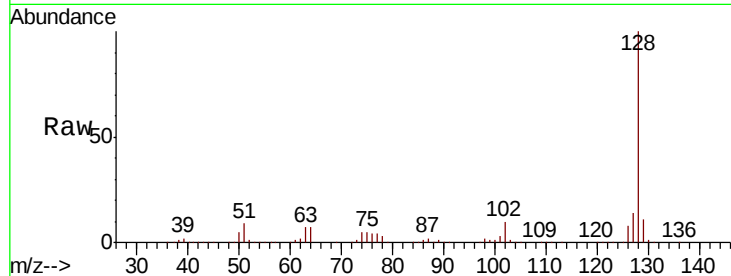
#31
Naphthalene
Concen: 38.414 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

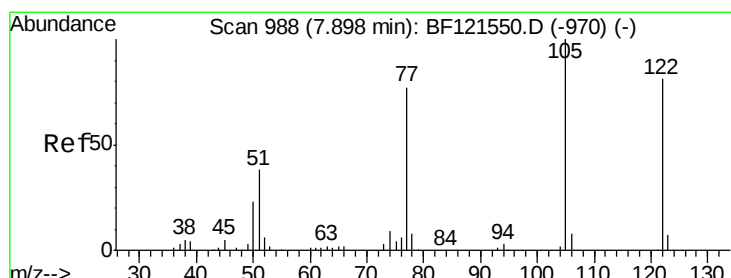
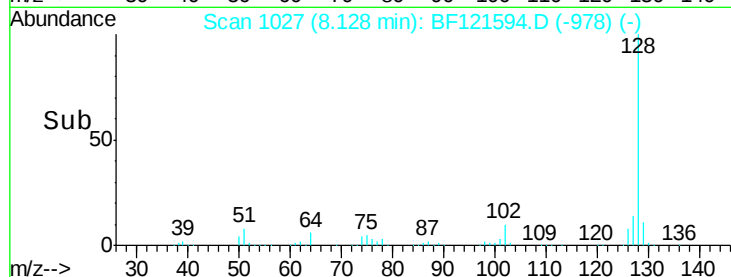
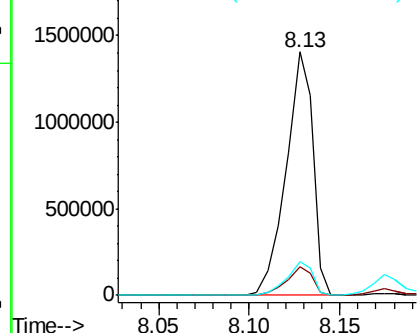
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.6	11.0	16.6

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM

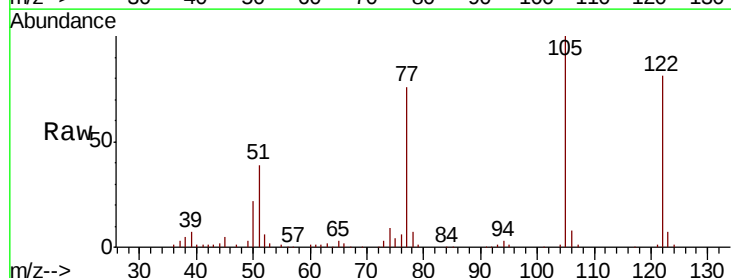


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

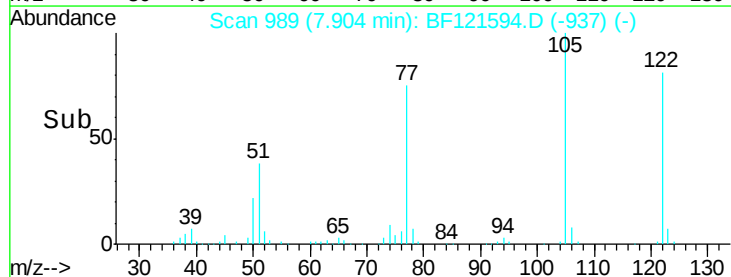
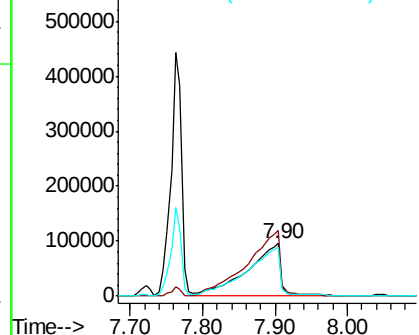


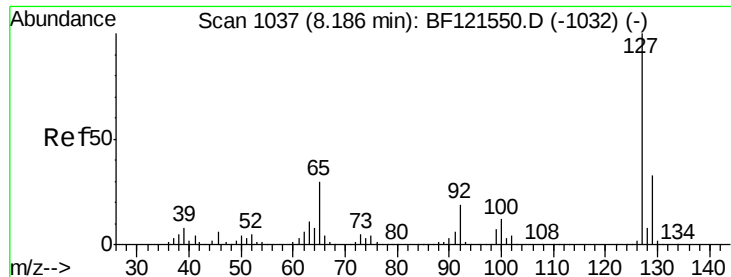
#32
Benzoic acid
Concen: 35.954 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	100.5	140.5
77	94.1	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





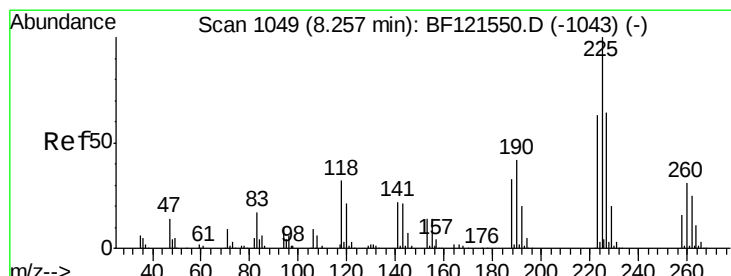
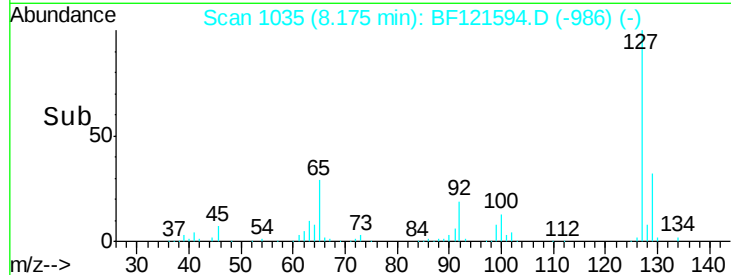
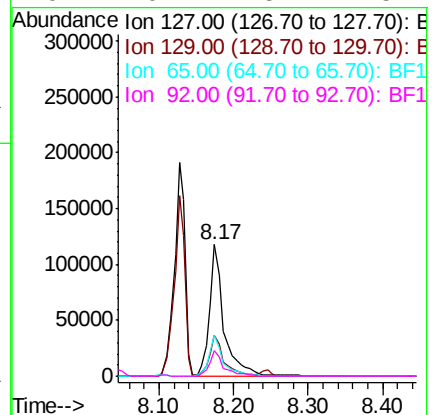
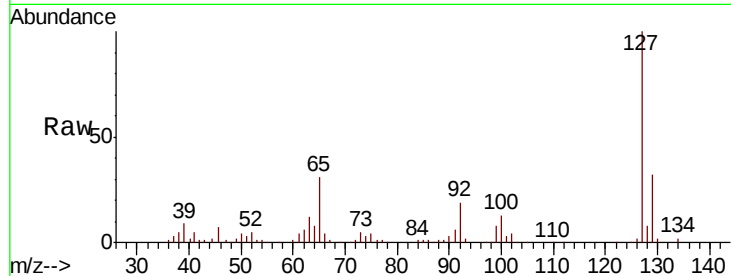
#33
 4-Chloroaniline
 Concen: 9.816 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.4	39.6		
65	31.1	24.4	36.6		
92	19.1	15.4	23.2		

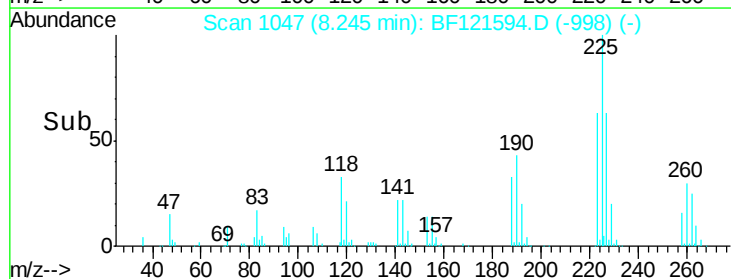
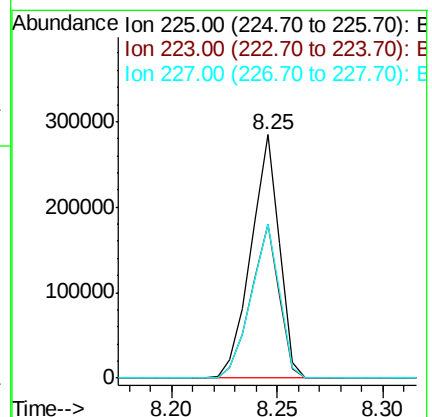
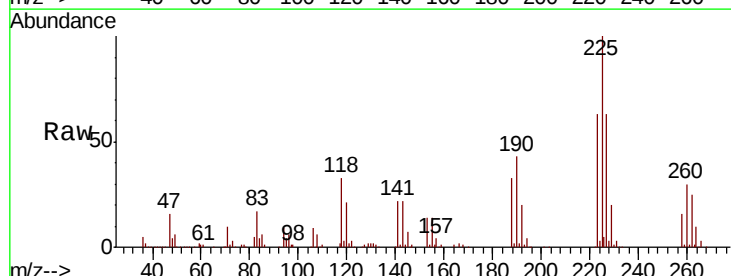
Manual Integrations
 APPROVED

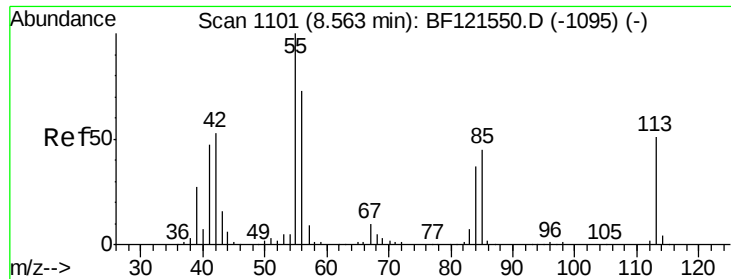
mohammad
 9/18/2020 11:28:12 AM



#34
 Hexachlorobutadiene
 Concen: 39.351 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.2	75.2		
227	63.0	51.0	76.4		





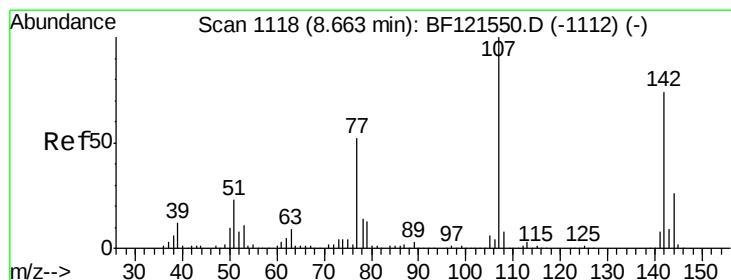
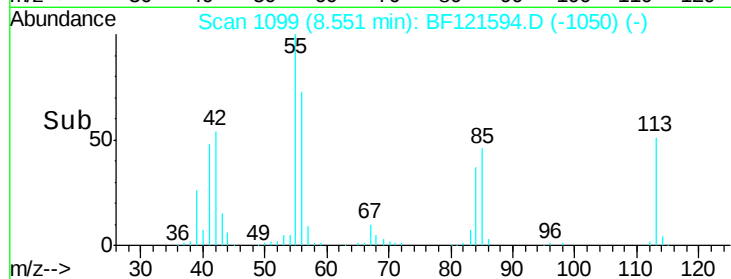
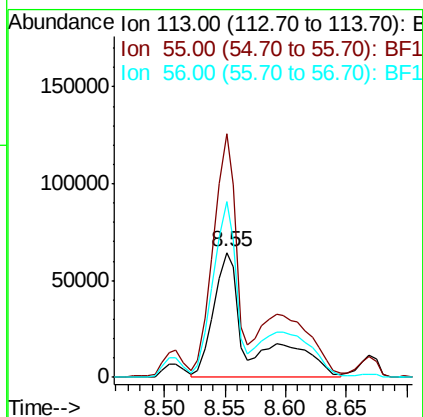
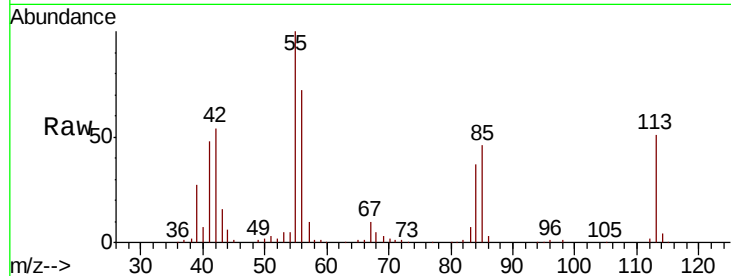
#35
Caprolactam
Concen: 37.963 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	195.0	176.2	216.2
56	140.9	123.9	163.9

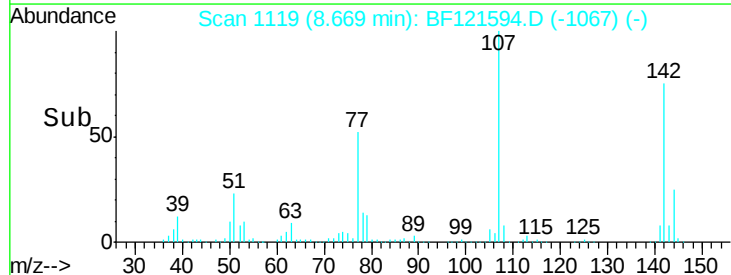
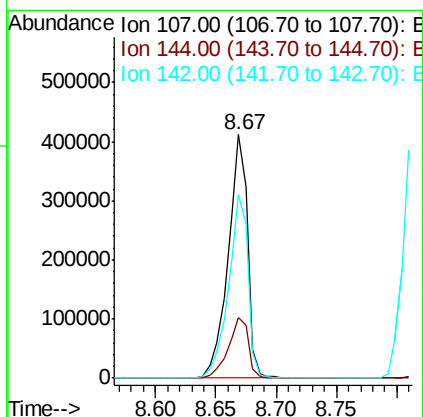
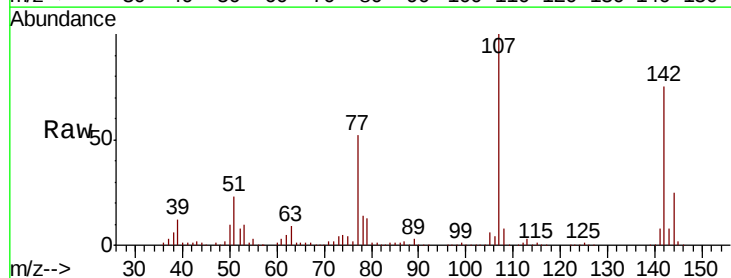
Manual Integrations
APPROVED

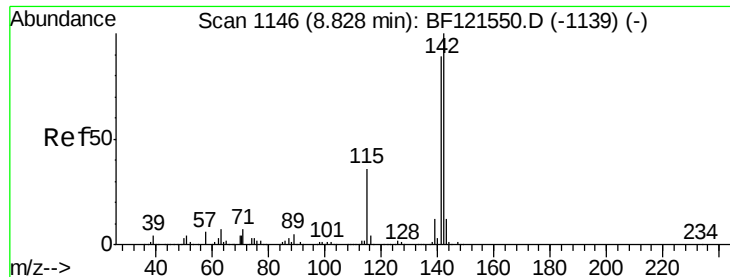
mohammad
9/18/2020 11:28:12 AM



#36
4-Chloro-3-methylphenol
Concen: 38.966 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	75.3	59.5	89.3





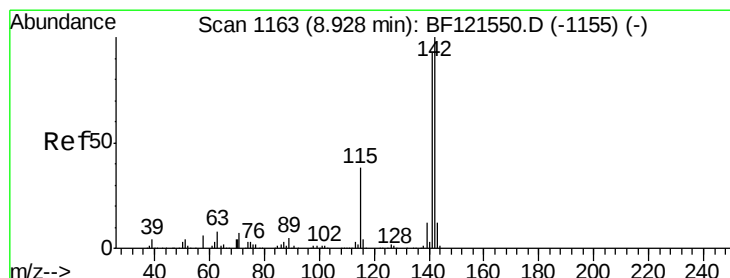
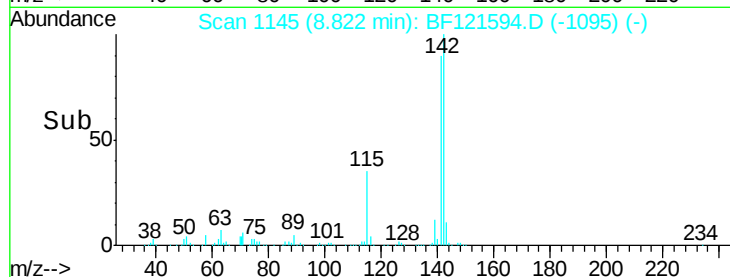
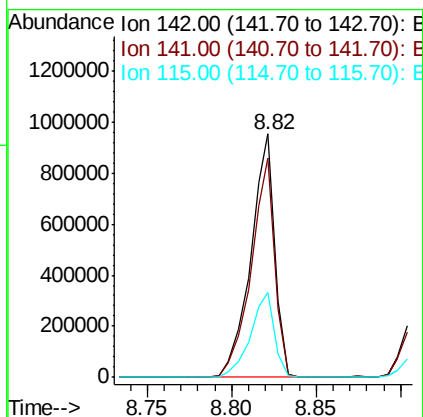
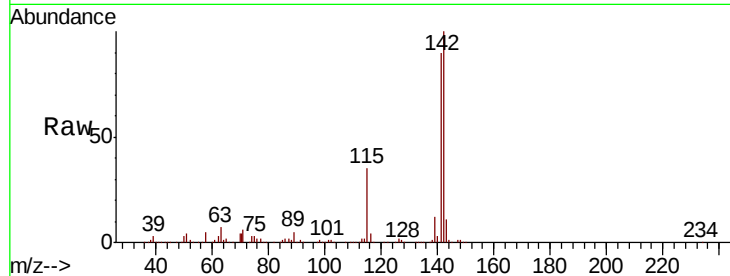
#37
2-Methylnaphthalene
Concen: 38.197 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.5	107.3
115	35.0	28.7	43.1

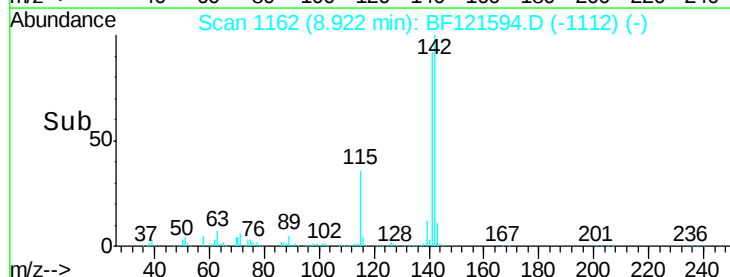
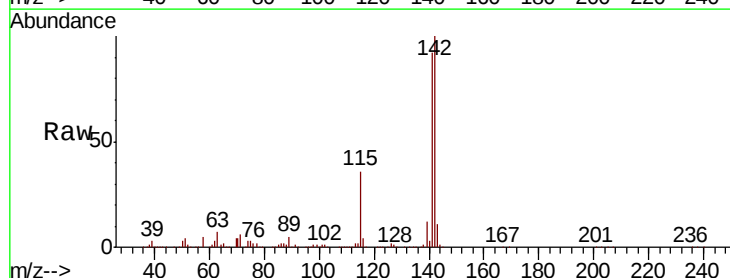
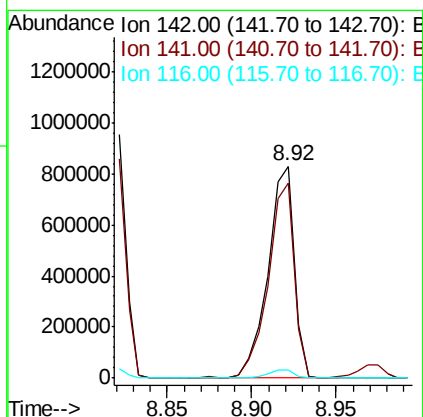
Manual Integrations
APPROVED

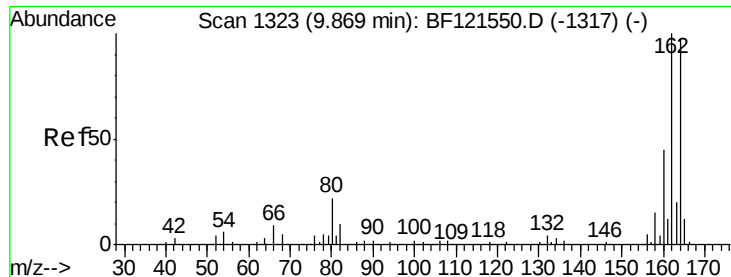
mohammad
9/18/2020 11:28:12 AM



#38
1-Methylnaphthalene
Concen: 38.311 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.8	112.2
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

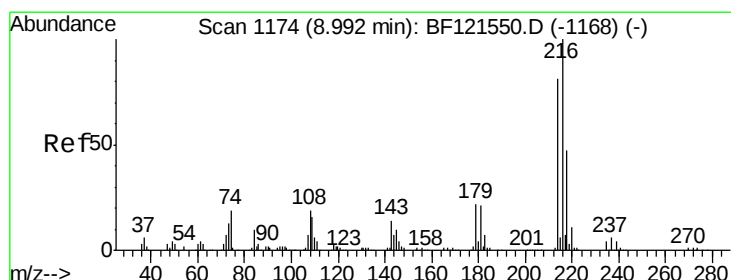
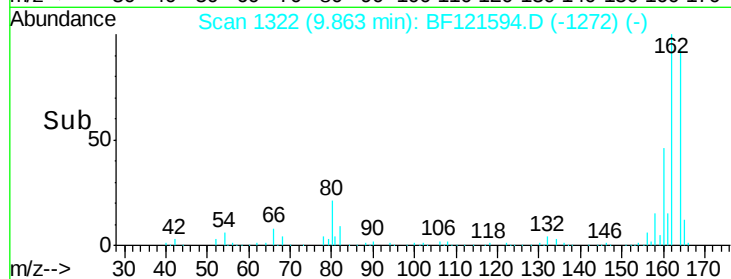
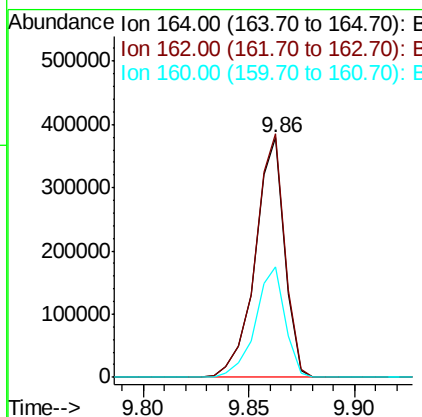
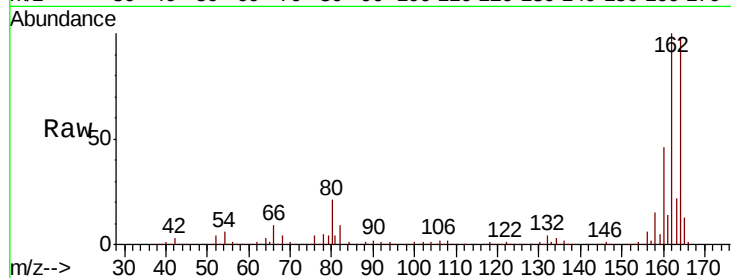
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	164	Resp:	368037
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.3	123.5
160	46.4	37.0	55.4

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.551 ng

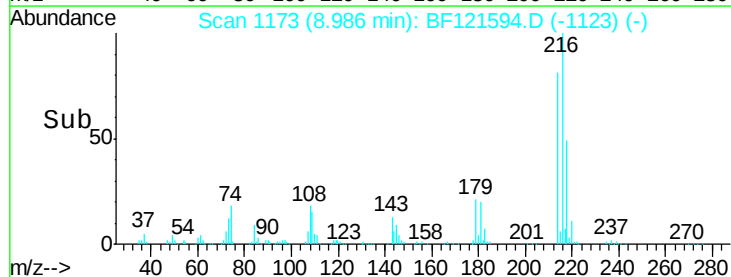
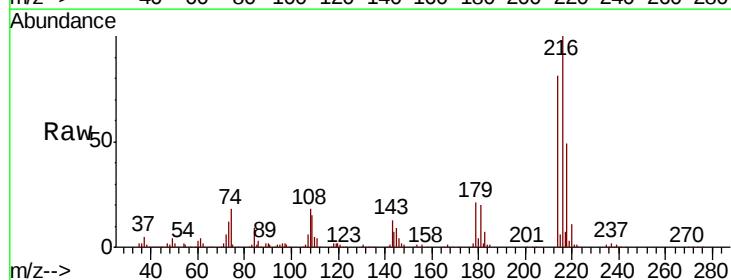
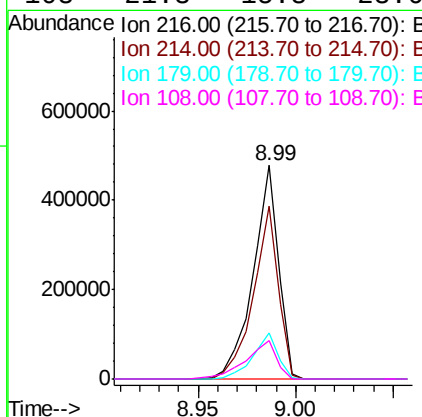
RT: 8.99 min Scan# 1173

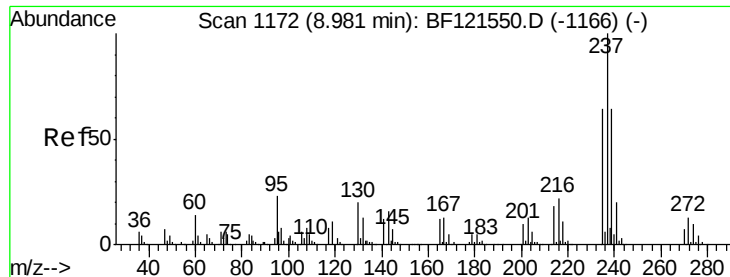
Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	216	Resp:	431700
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.8	95.8
179	21.0	16.6	25.0
108	21.3	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 72.533 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

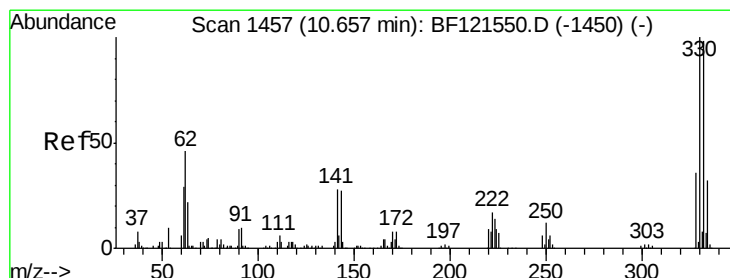
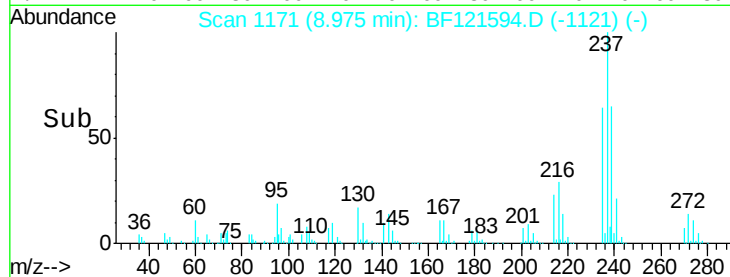
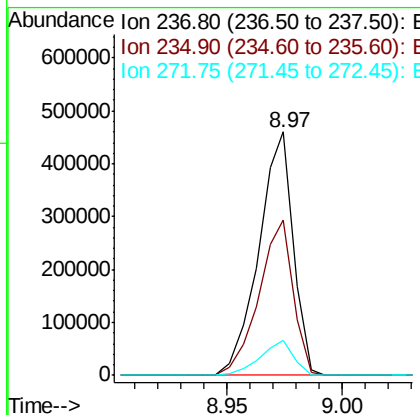
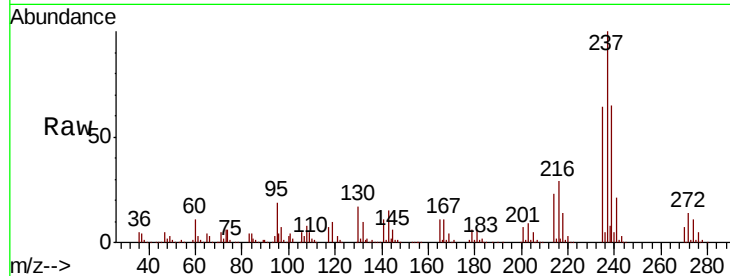
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	237	Resp:	476197
Ion Ratio		Lower	Upper
237	100		
235	63.6	44.0	84.0
272	14.3	0.0	33.4

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



#42

2,4,6-Tribromophenol

Concen: 85.474 ng

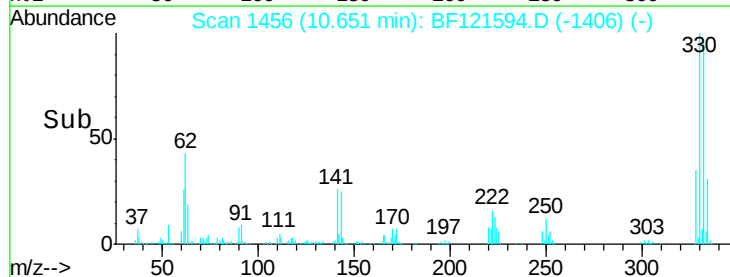
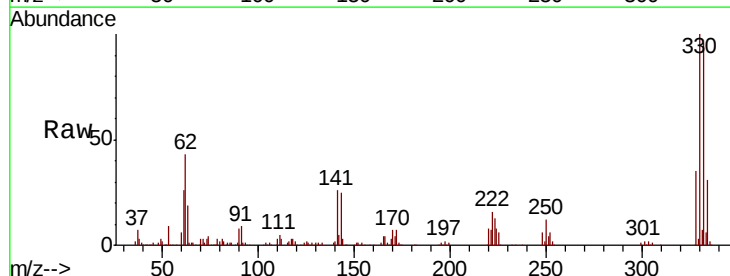
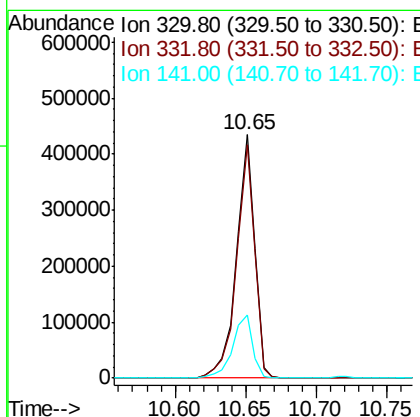
RT: 10.65 min Scan# 1456

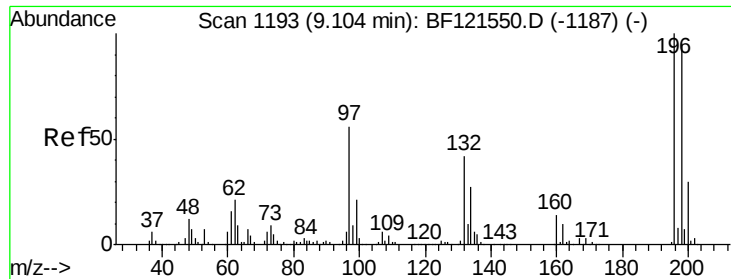
Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	330	Resp:	390974
Ion Ratio		Lower	Upper
330	100		
332	95.9	77.1	115.7
141	28.5	23.6	35.4





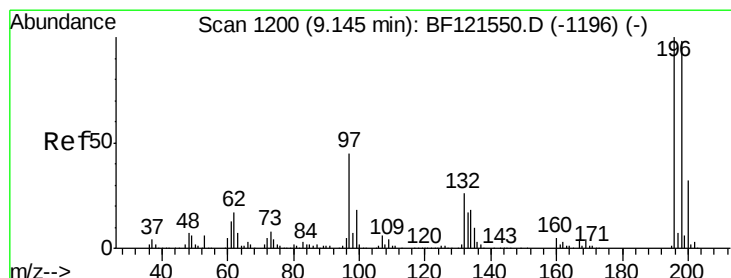
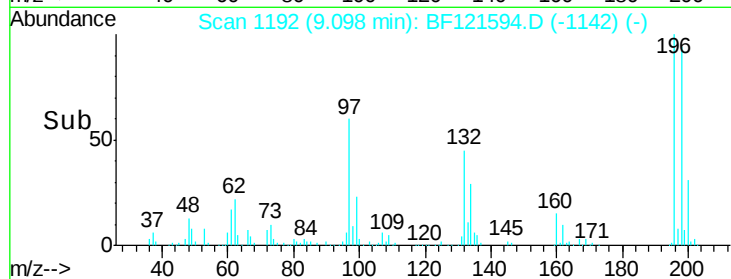
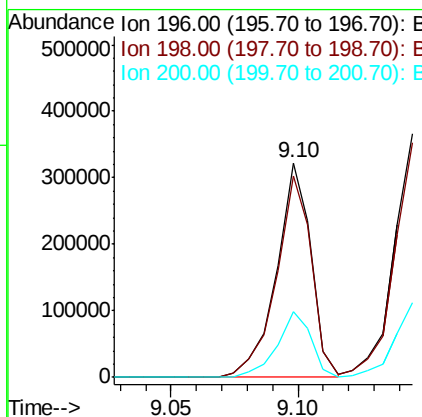
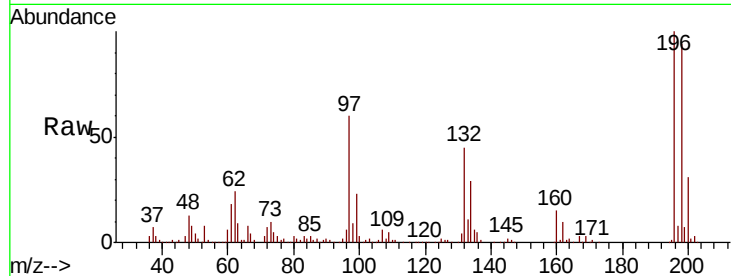
#43
 2,4,6-Trichlorophenol
 Concen: 39.141 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	306708		
198	93.7	75.6	113.4	
200	30.6	24.0	36.0	

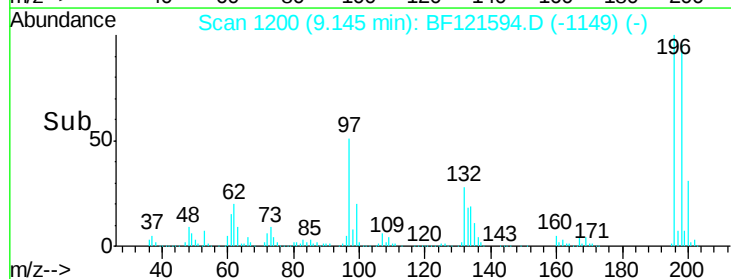
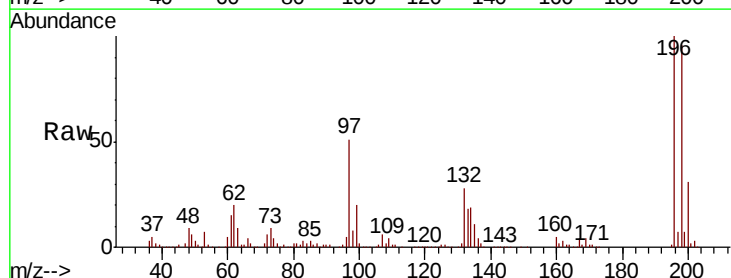
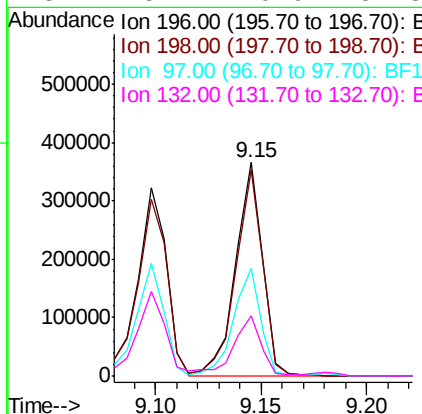
Manual Integrations
 APPROVED

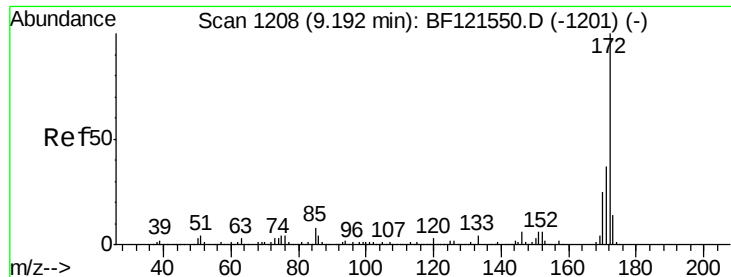
mohammad
 9/18/2020 11:28:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.734 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	320868		
198	96.4	78.1	117.1	
97	50.6	36.8	55.2	
132	28.2	20.9	31.3	





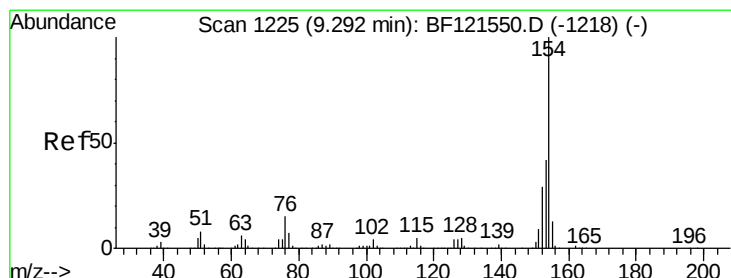
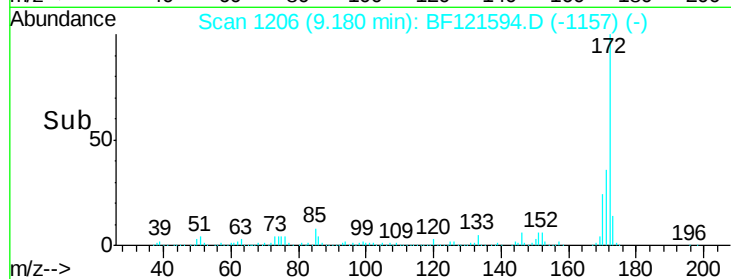
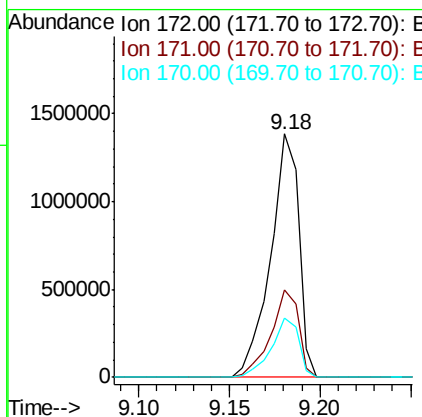
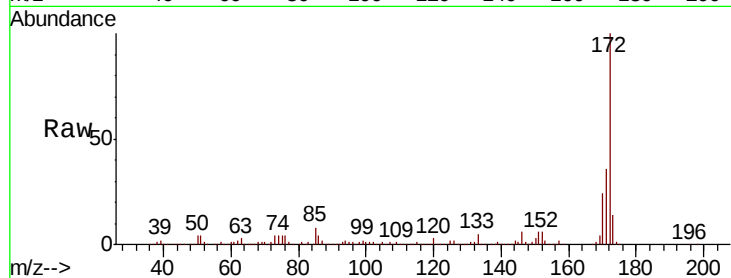
#45
2-Fluorobiphenyl
Concen: 61.767 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	24.3	19.8	29.8

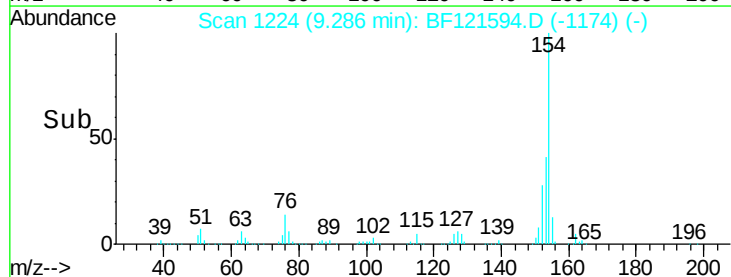
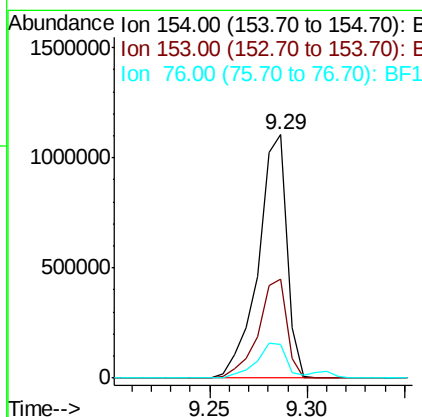
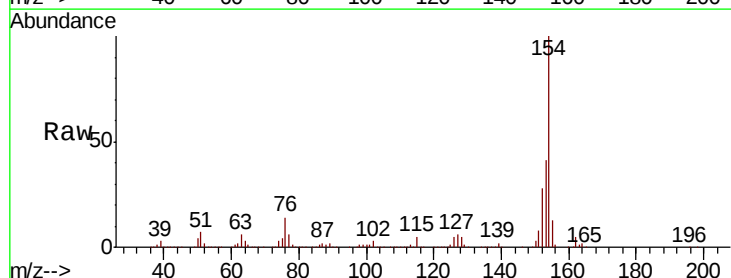
Manual Integrations
APPROVED

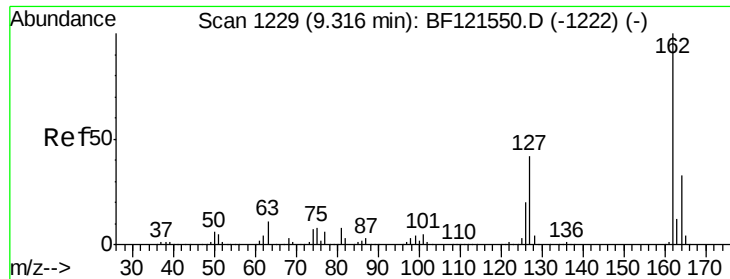
mohammad
9/18/2020 11:28:12 AM



#46
1,1'-Biphenyl
Concen: 38.090 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.7	61.7
76	13.6	0.0	35.5





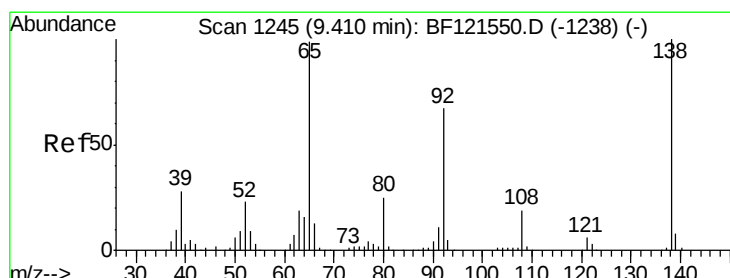
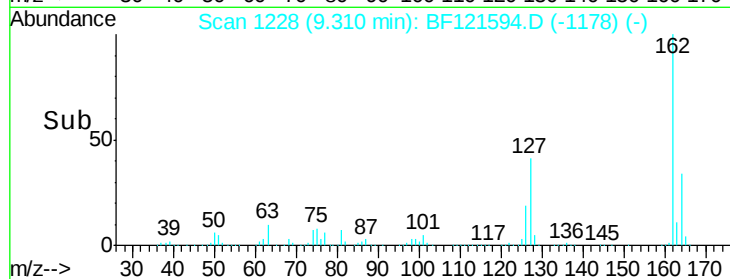
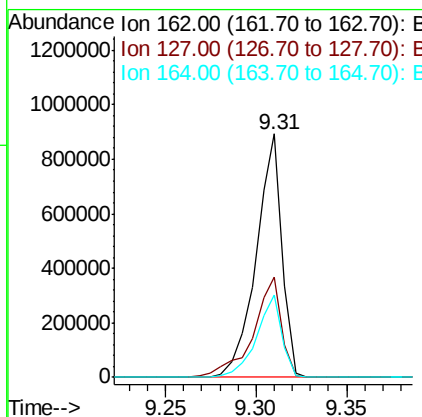
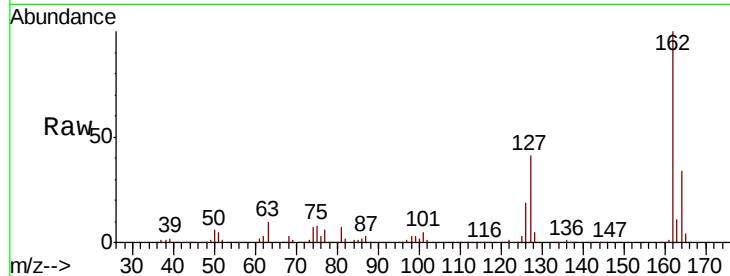
#47
 2-Chloronaphthalene
 Concen: 37.895 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.2	33.9	50.9		
164	33.6	26.7	40.1		

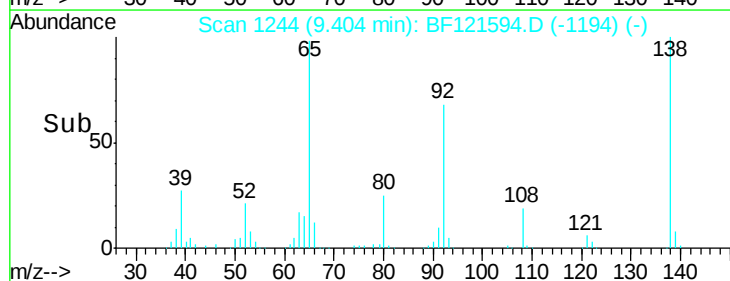
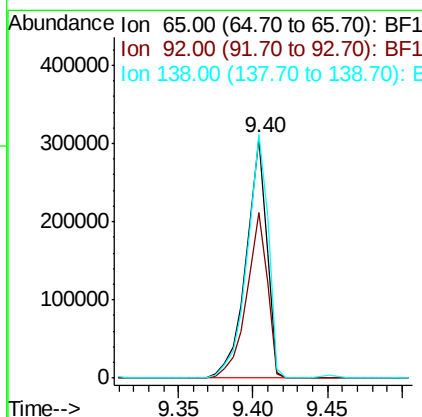
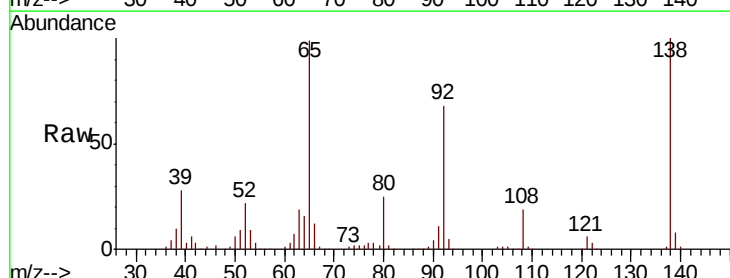
Manual Integrations
 APPROVED

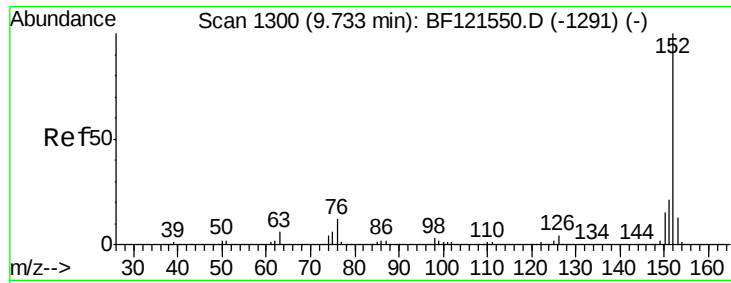
mohammad
 9/18/2020 11:28:12 AM



#48
 2-Nitroaniline
 Concen: 40.626 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.9	54.2	81.4		
138	101.5	80.8	121.2		





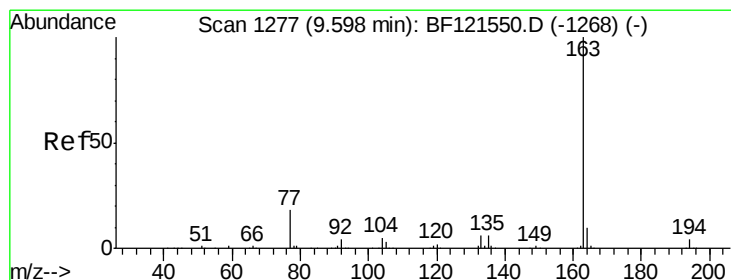
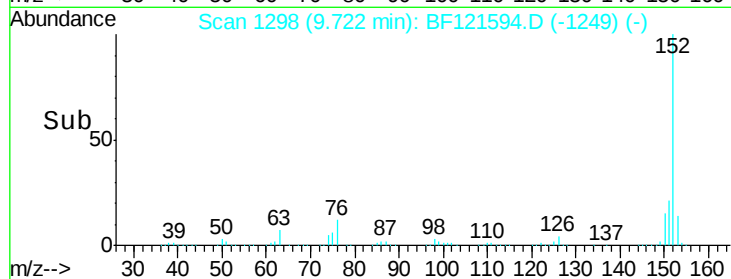
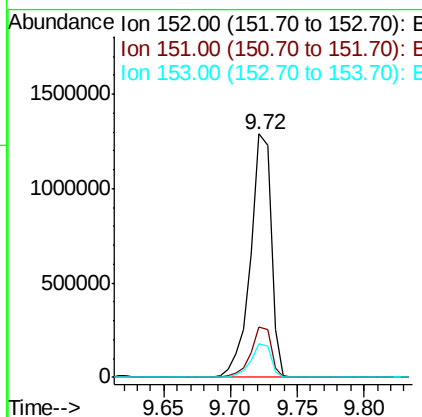
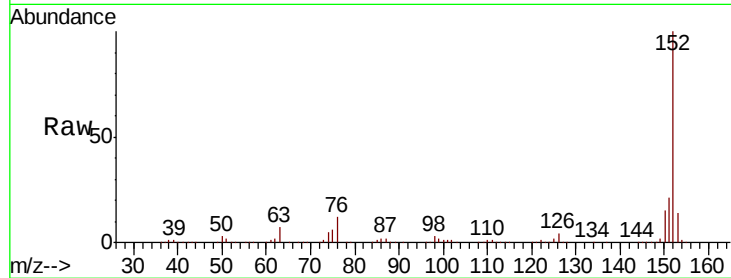
#49
Acenaphthylene
Concen: 38.124 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	24.8
153	13.8	10.7	16.1

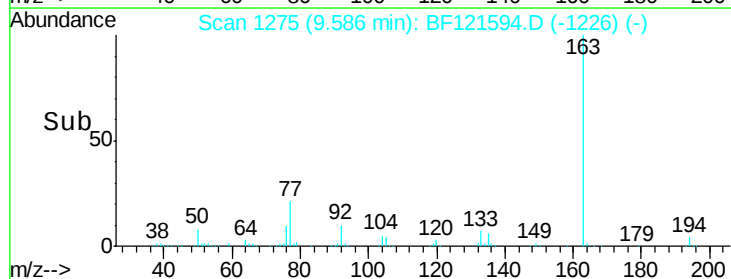
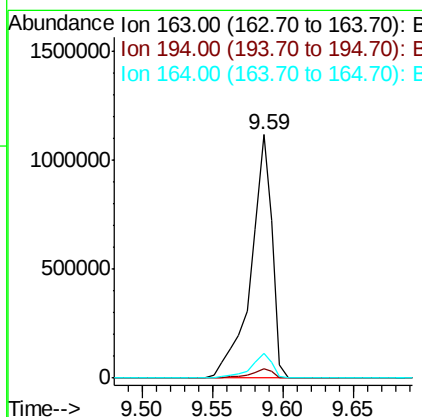
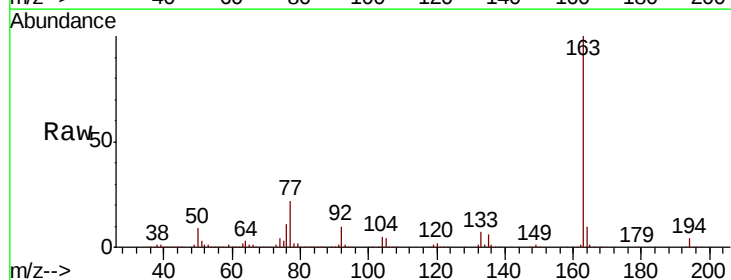
Manual Integrations
APPROVED

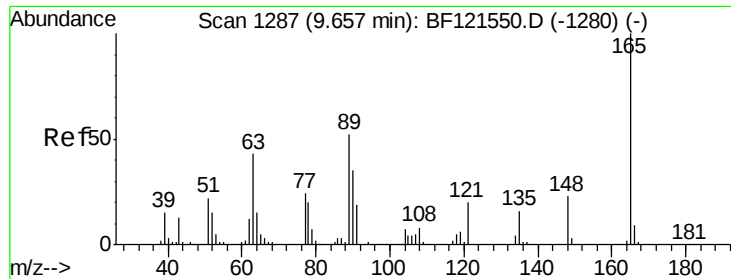
mohammad
9/18/2020 11:28:12 AM



#50
Dimethylphthalate
Concen: 43.932 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.3	7.9	11.9





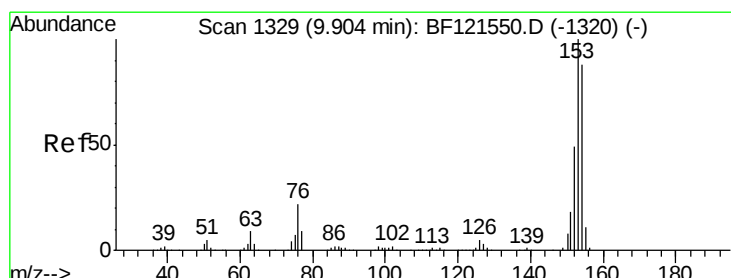
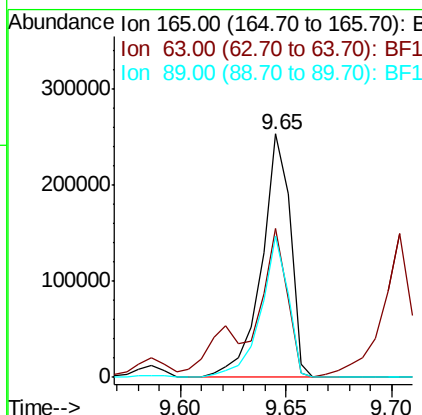
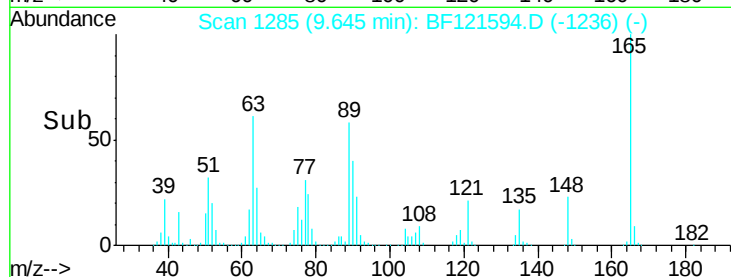
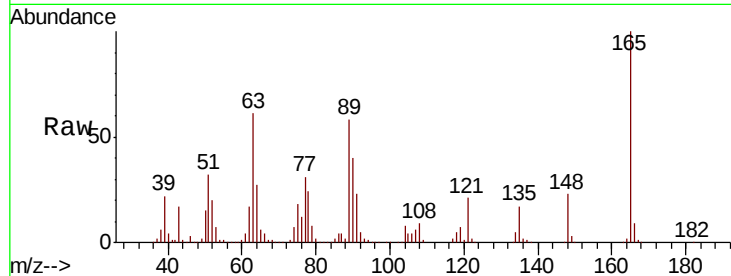
#51
2,6-Dinitrotoluene
Concen: 42.087 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	239089		
63	61.0		40.6	61.0#
89	58.2		41.8	62.8

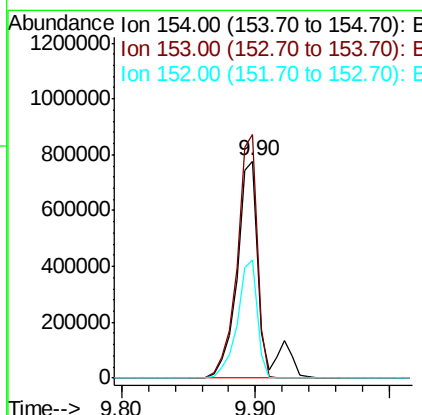
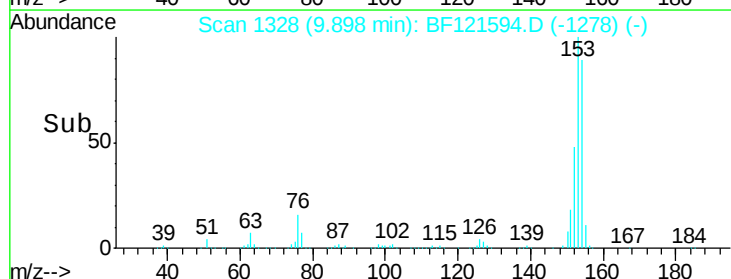
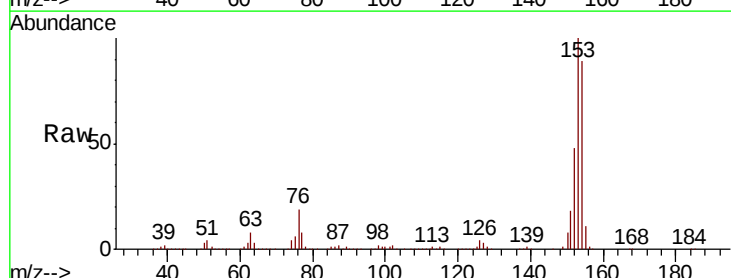
Manual Integrations
APPROVED

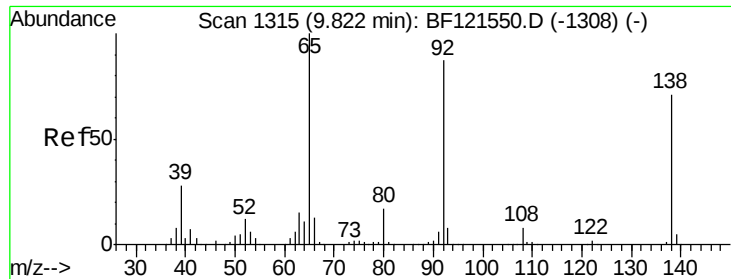
mohammad
9/18/2020 11:28:12 AM



#52
Acenaphthene
Concen: 41.113 ng m
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	926358		
153	112.0		91.0	136.4
152	54.1		44.2	66.2





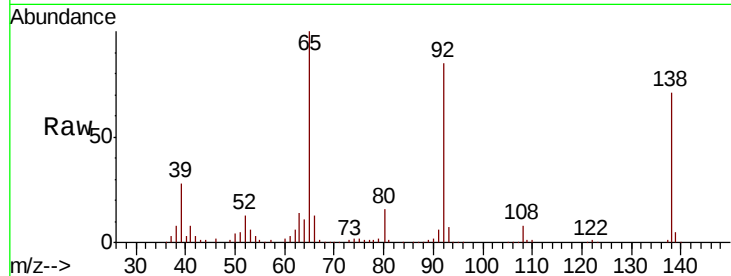
#53
3-Nitroaniline
Concen: 16.833 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.6
92	119.4	97.4	146.0

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM

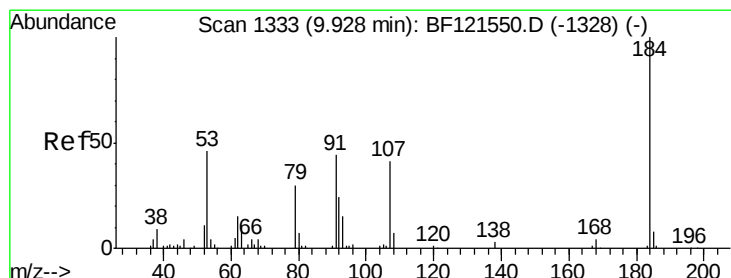
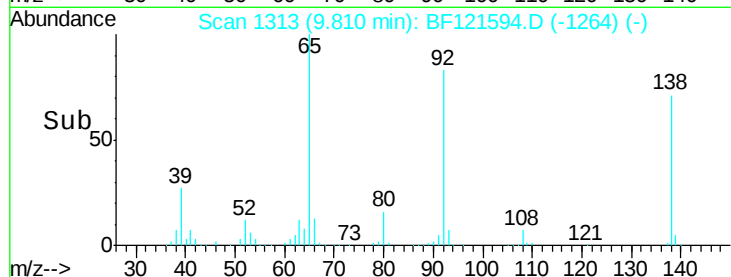
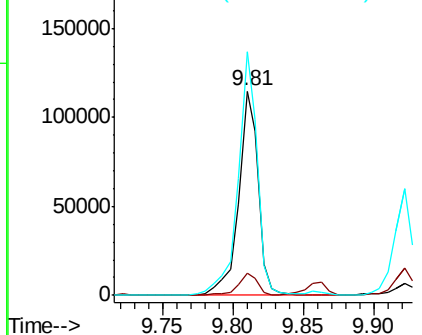


Abundance

Ion 138.00 (137.70 to 138.70): E

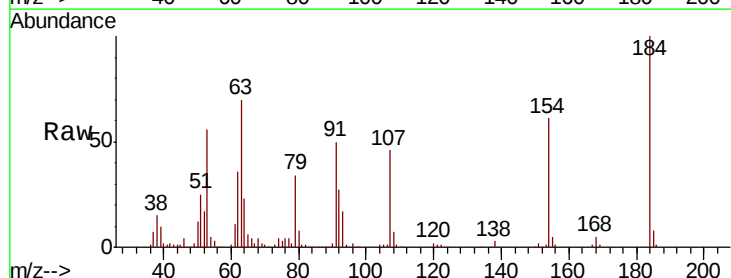
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 65.375 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.3	47.7	71.5
154	61.0	47.2	70.8

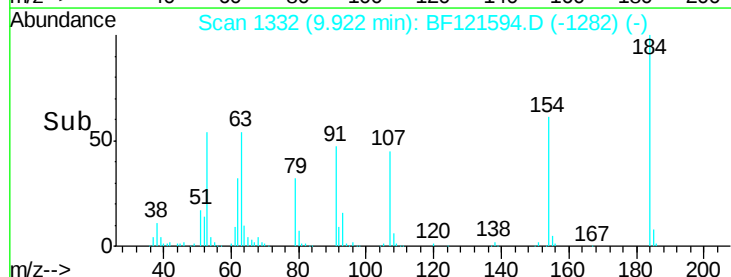
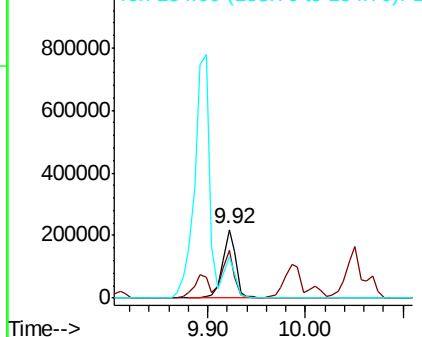


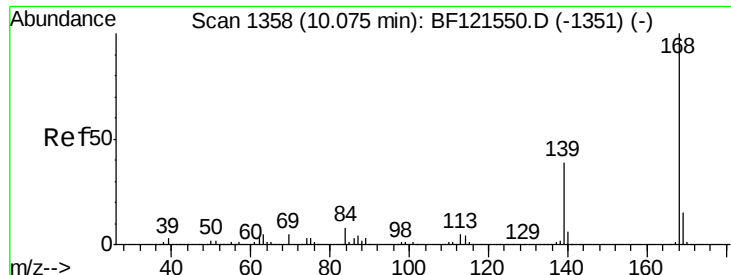
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.730 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:168 Resp: 1197215

Ion Ratio Lower Upper

168 100

139 38.5 31.4 47.0

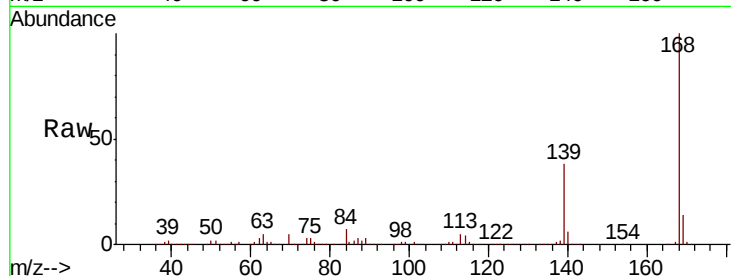
169 14.3 11.9 17.9

Manual Integrations

APPROVED

mohammad

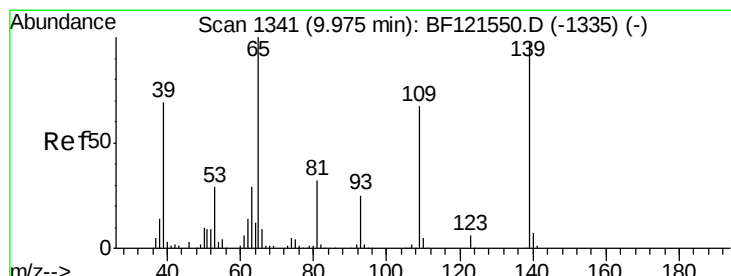
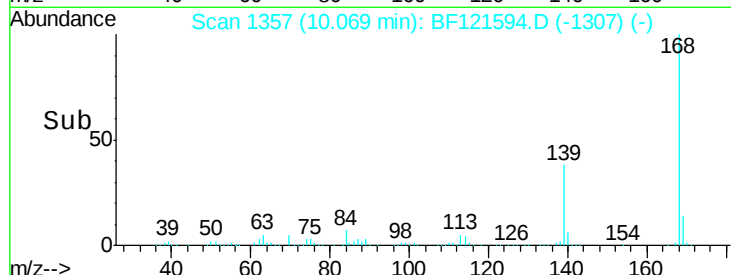
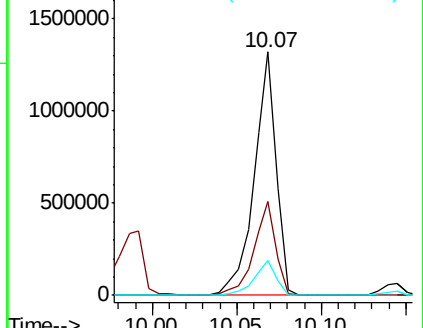
9/18/2020 11:28:12 AM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 73.546 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.02 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

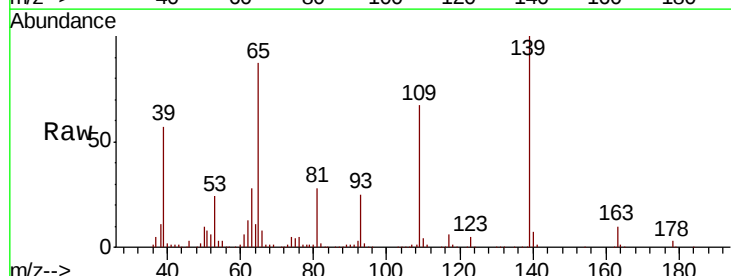
Tgt Ion:139 Resp: 385988

Ion Ratio Lower Upper

139 100

109 67.3 48.8 88.8

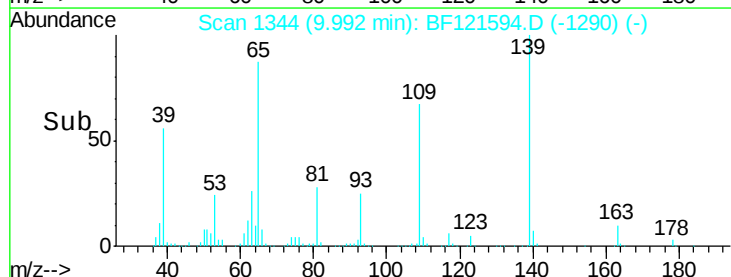
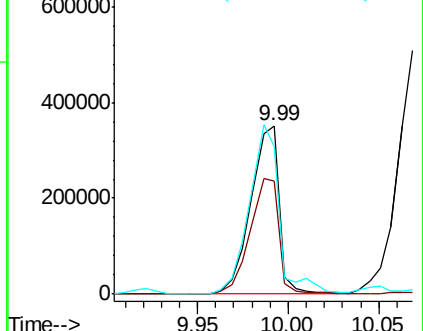
65 87.2 83.6 123.6

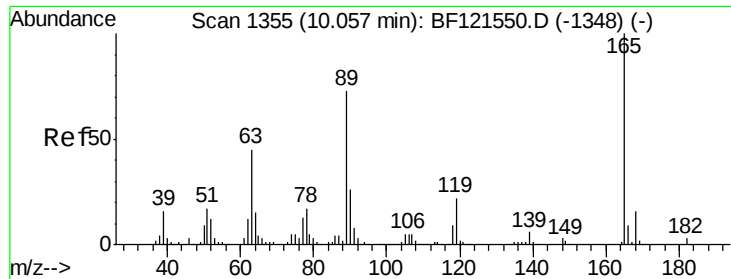


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





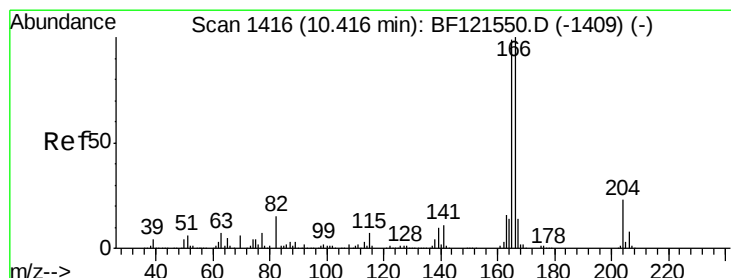
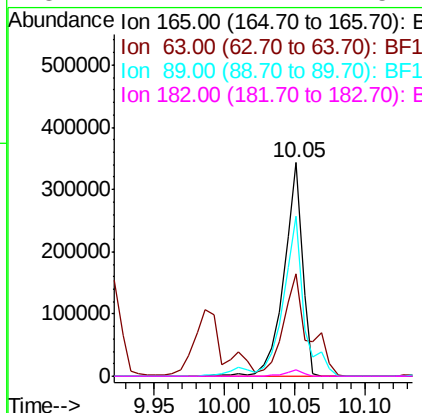
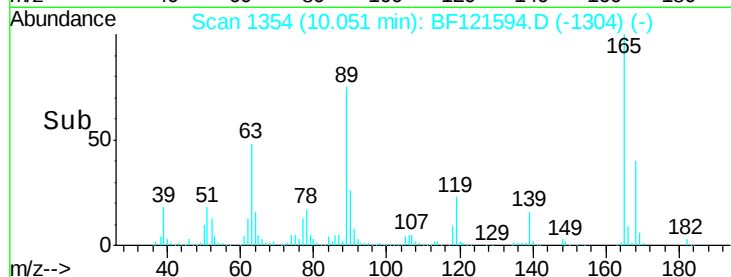
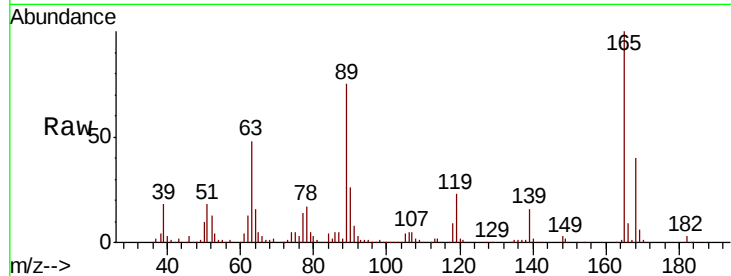
#57
2,4-Dinitrotoluene
Concen: 43.695 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		312285		
63	48.1	36.2	54.4		
89	75.2	58.2	87.4		
182	2.7	2.2	3.2		

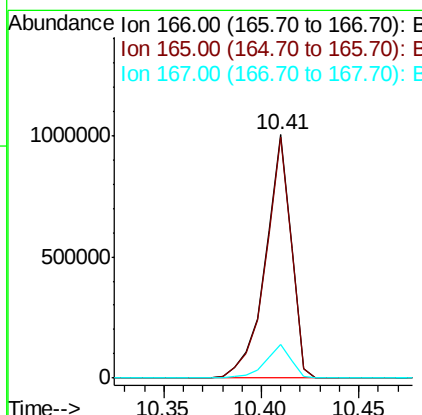
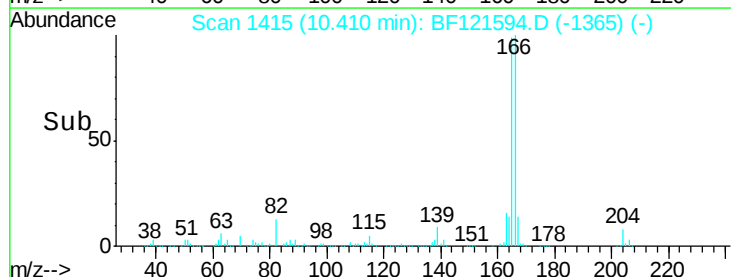
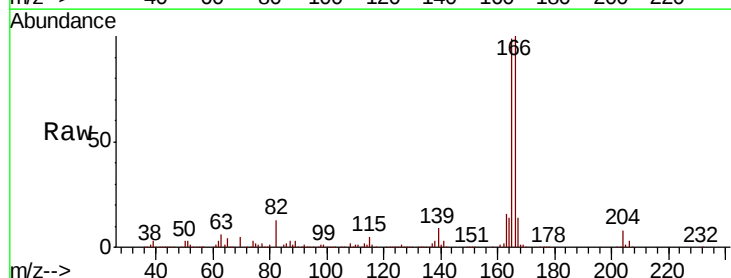
Manual Integrations
APPROVED

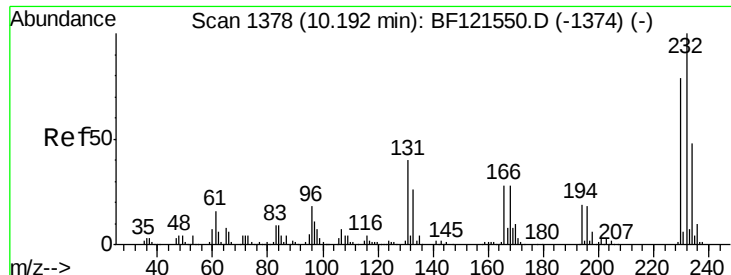
mohammad
9/18/2020 11:28:12 AM



#58
Fluorene
Concen: 37.617 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		912798		
165	98.8	79.0	118.4		
167	13.6	11.0	16.6		





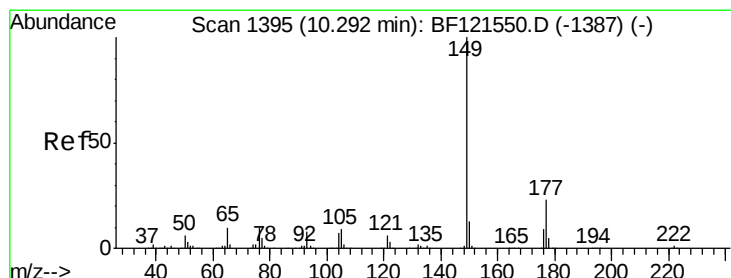
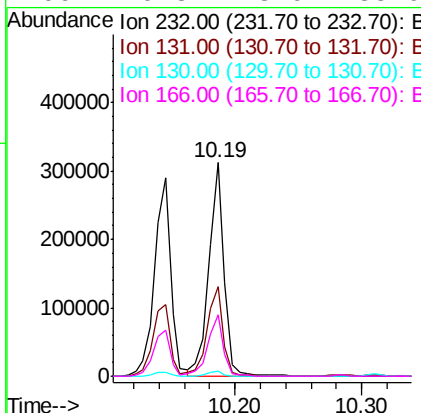
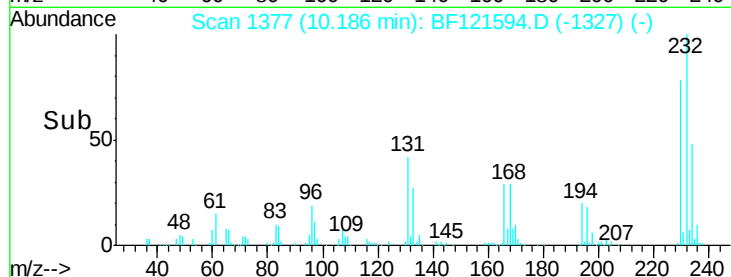
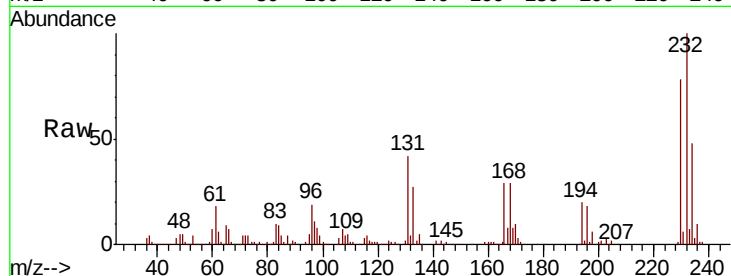
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.292 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		264617		
131	43.1	36.3	54.5		
130	2.2	1.9	2.9		
166	29.3	23.9	35.9		

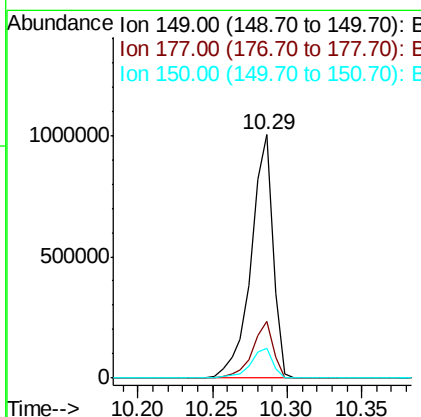
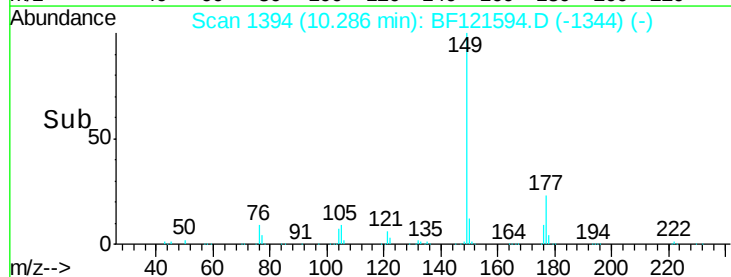
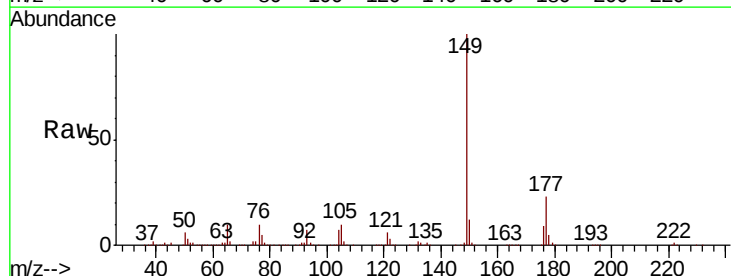
Manual Integrations
 APPROVED

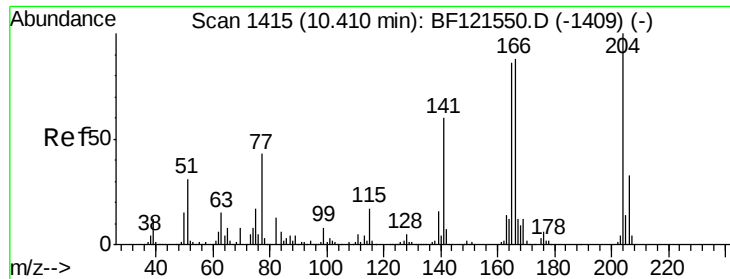
mohammad
 9/18/2020 11:28:12 AM



#60
 Diethylphthalate
 Concen: 38.831 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1009881		
177	23.3	18.2	27.2		
150	12.5	10.2	15.2		





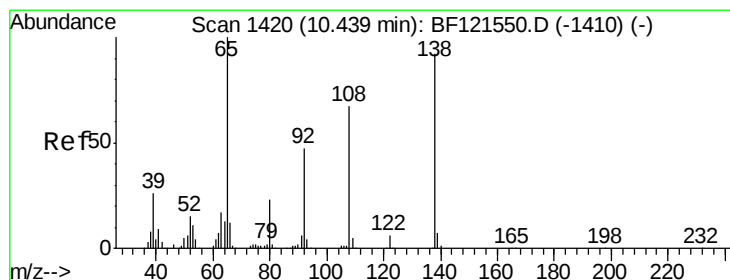
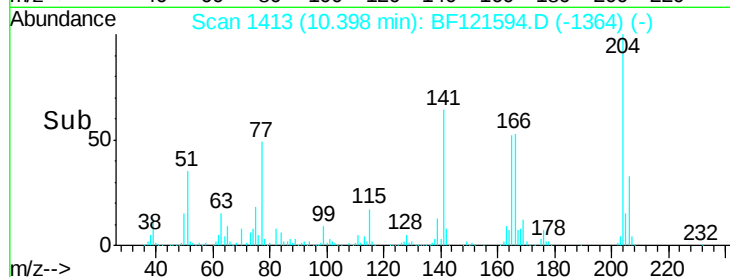
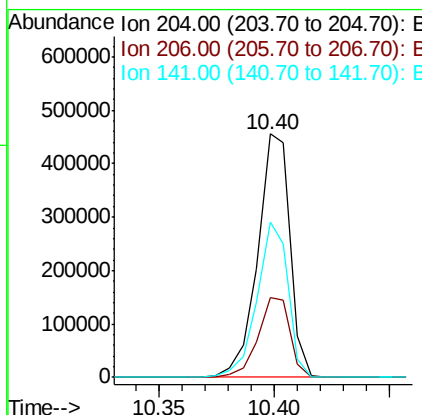
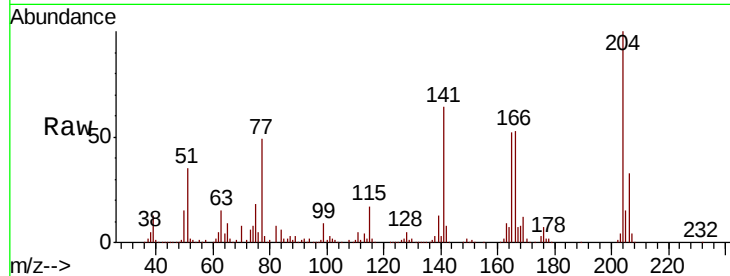
#61
4-Chlorophenyl-phenylether
Concen: 38.176 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	63.7	48.3	72.5

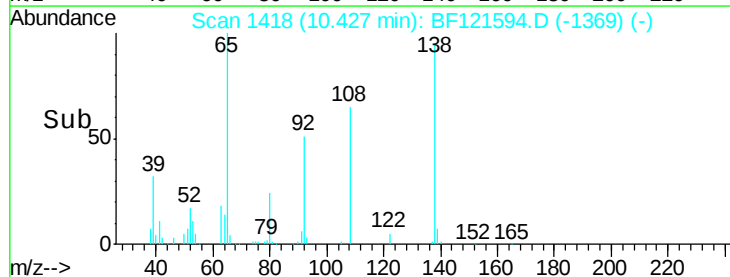
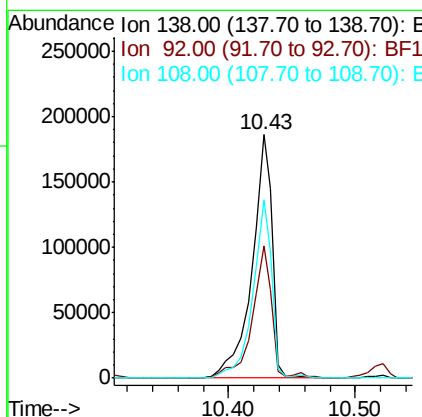
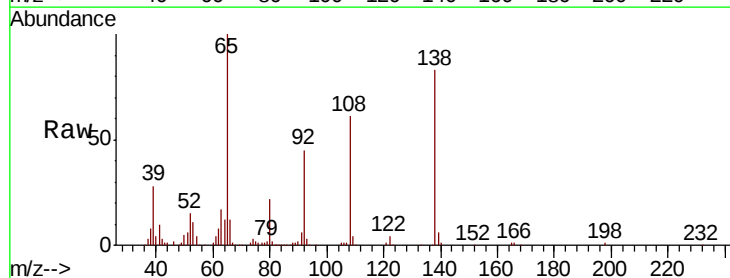
Manual Integrations
APPROVED

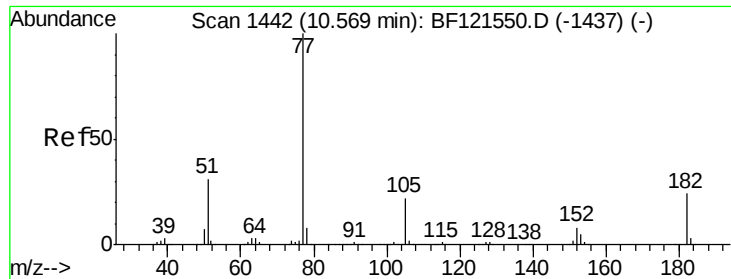
mohammad
9/18/2020 11:28:12 AM



#62
4-Nitroaniline
Concen: 31.901 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	31.4	71.4
108	73.3	52.4	92.4





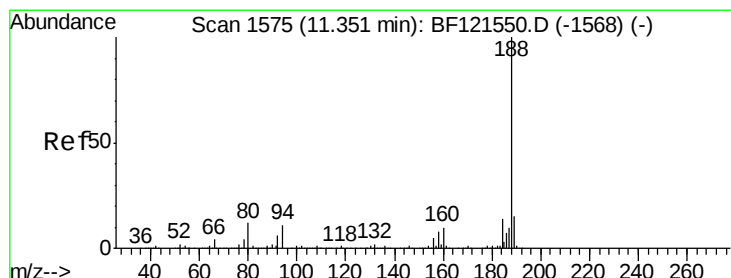
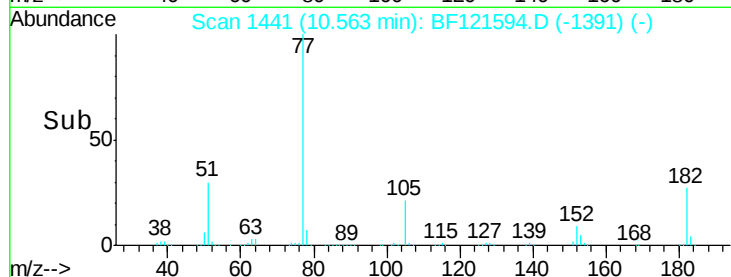
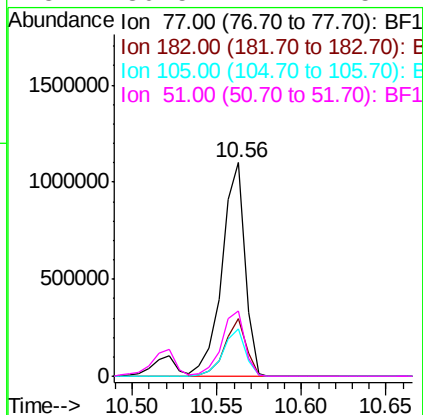
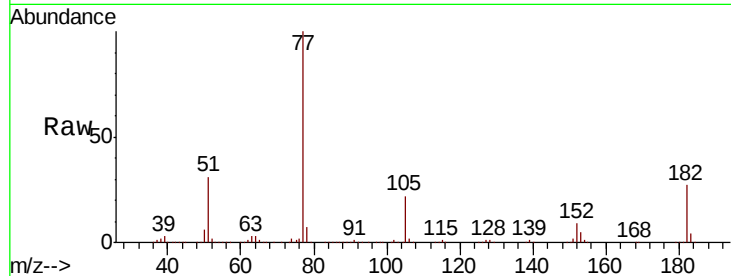
#63
Azobenzene
Concen: 37.553 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.8	3.9	43.9
105	22.1	2.2	42.2
51	30.5	11.1	51.1

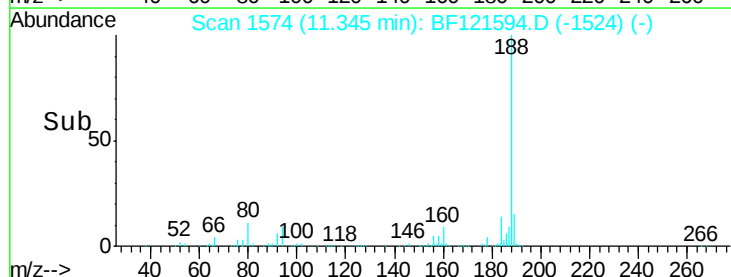
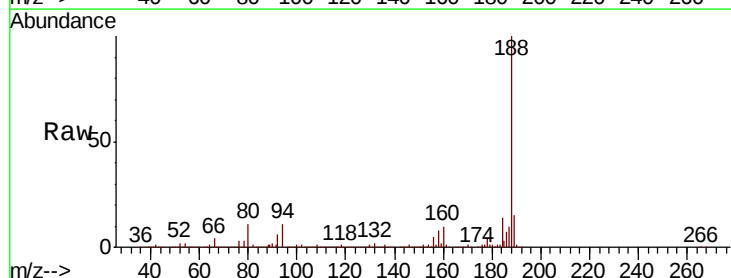
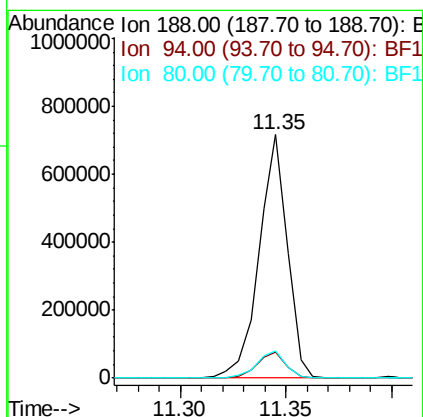
Manual Integrations
APPROVED

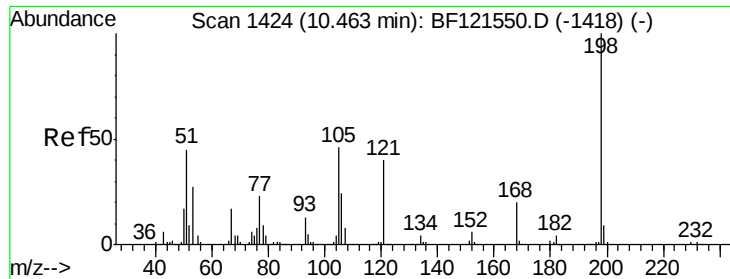
mohammad
9/18/2020 11:28:12 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.7	13.1
80	11.3	9.3	13.9





#65

4,6-Dinitro-2-methylphenol

Concen: 37.828 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:198 Resp: 147890

Ion Ratio Lower Upper

198 100

51 55.5 31.1 71.1

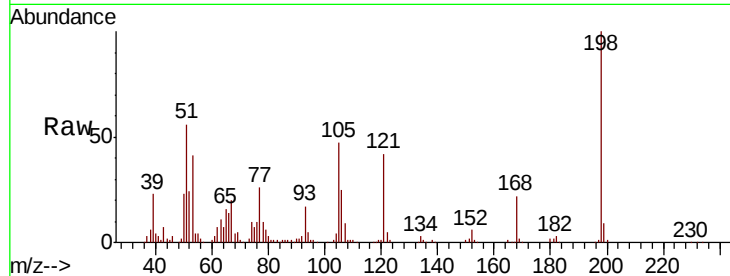
105 46.6 26.6 66.6

Manual Integrations

APPROVED

mohammad

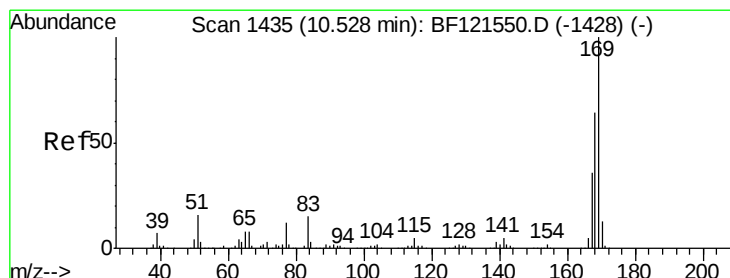
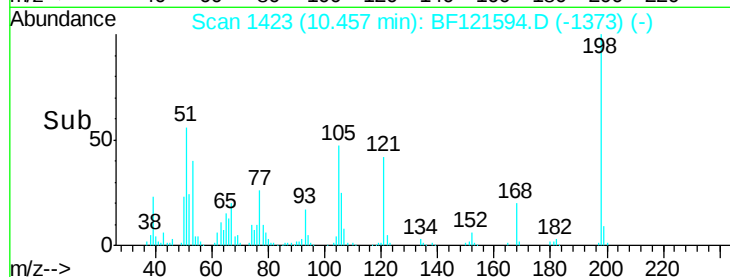
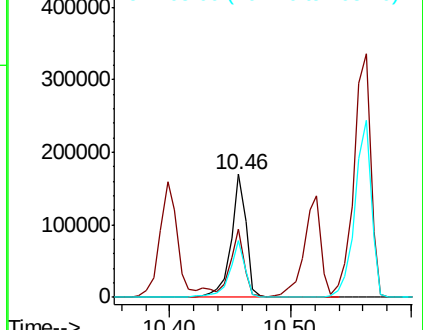
9/18/2020 11:28:12 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.272 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

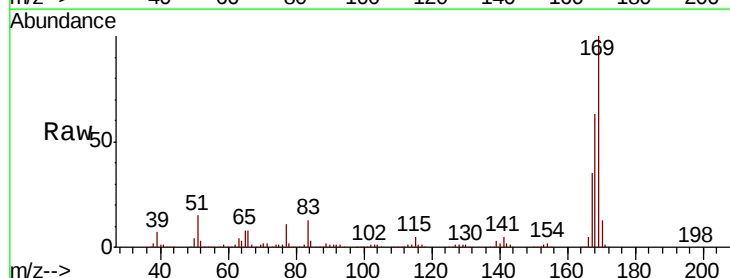
Tgt Ion:169 Resp: 875767

Ion Ratio Lower Upper

169 100

168 62.8 51.2 76.8

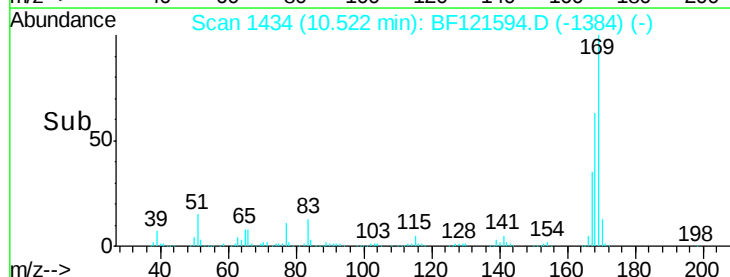
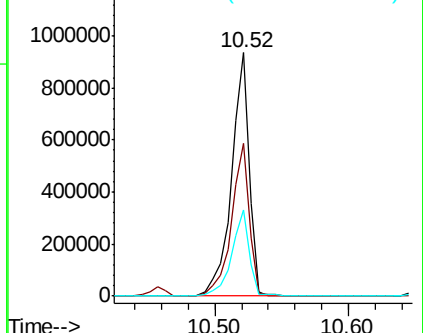
167 35.5 28.9 43.3

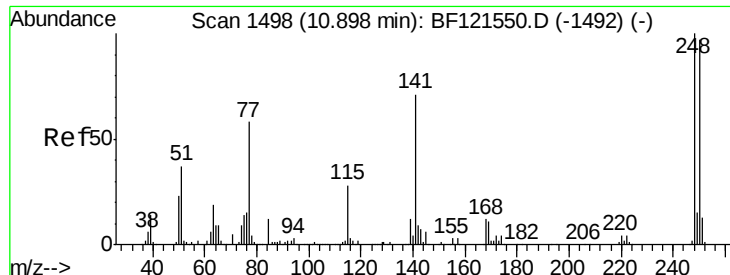


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





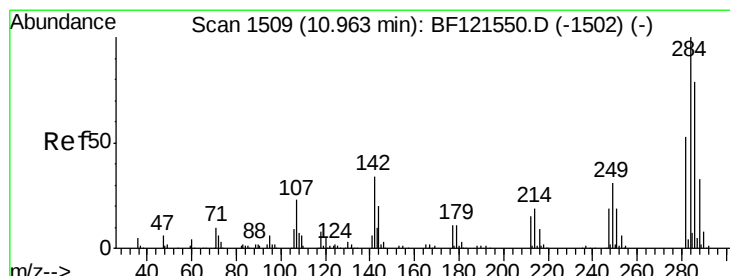
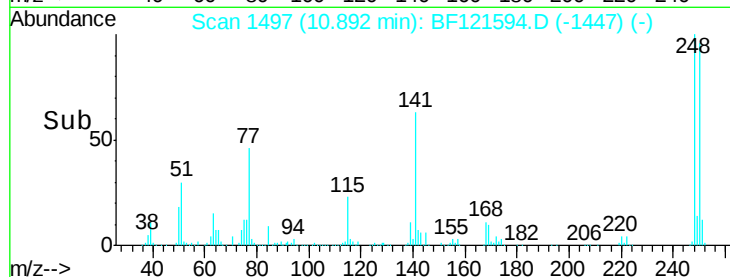
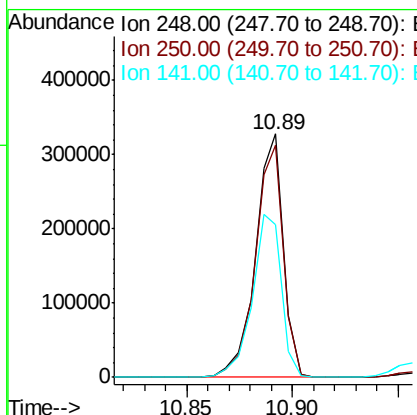
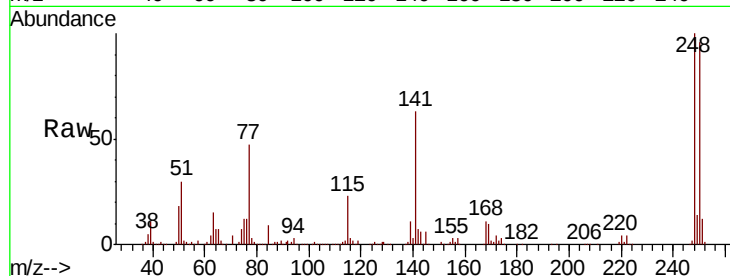
#67
 4-Bromophenyl-phenylether
 Concen: 39.515 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.4	116.0
141	62.7	56.7	85.1

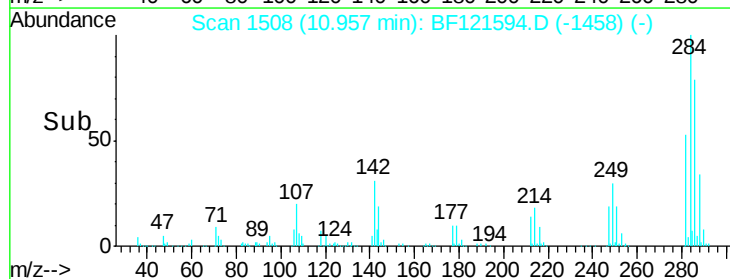
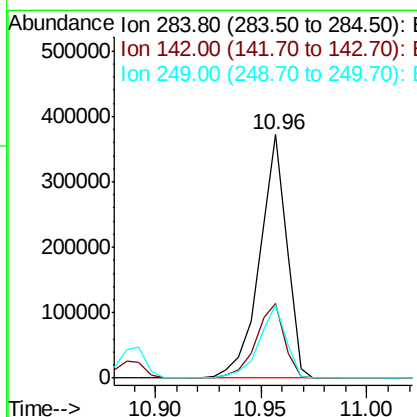
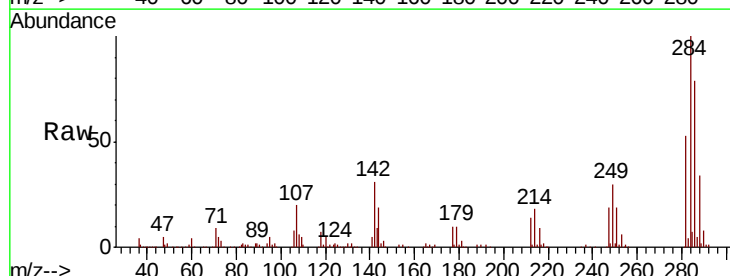
Manual Integrations
 APPROVED

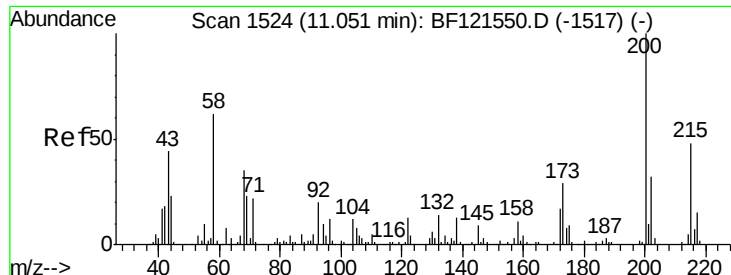
mohammad
 9/18/2020 11:28:12 AM



#68
 Hexachlorobenzene
 Concen: 38.851 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	27.0	40.4
249	30.0	24.7	37.1





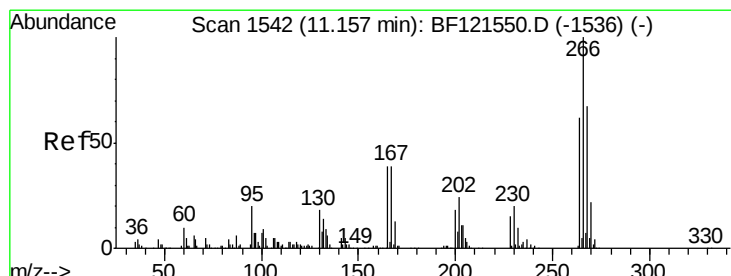
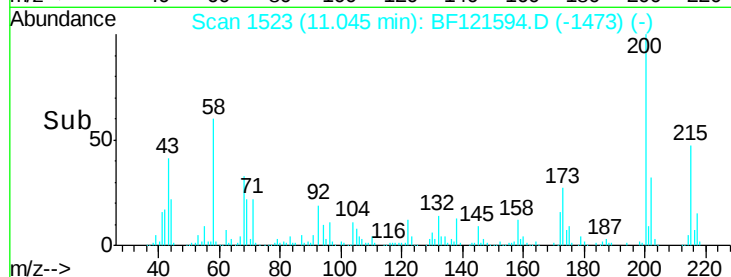
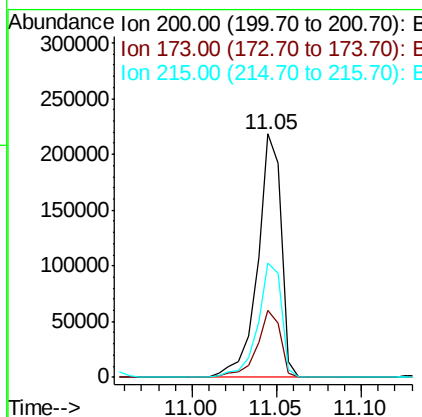
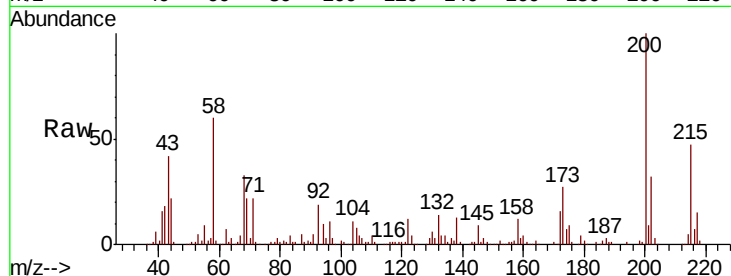
#69
Atrazine
Concen: 37.118 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.5	48.5
215	47.1	27.8	67.8

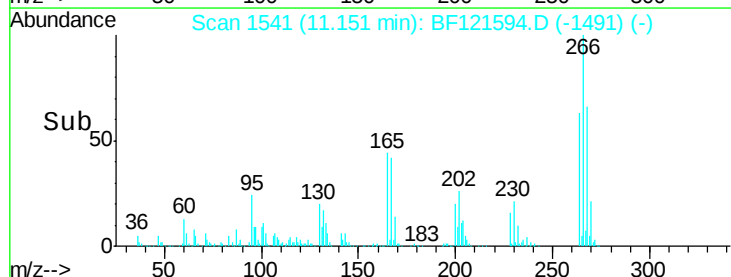
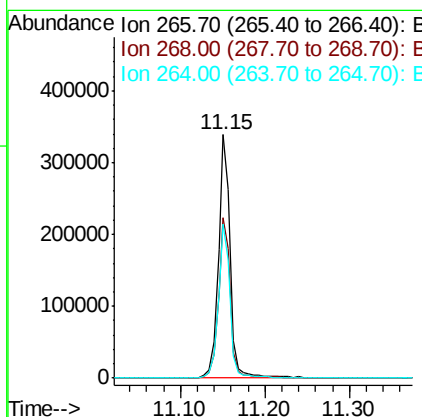
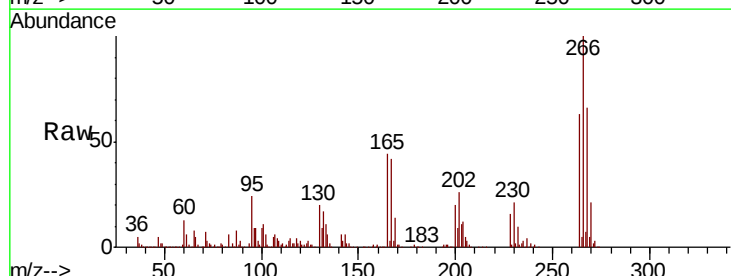
Manual Integrations
APPROVED

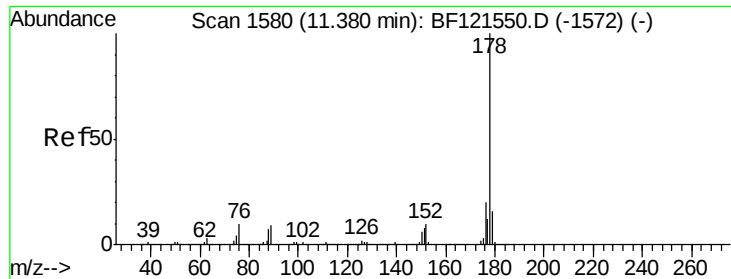
mohammad
9/18/2020 11:28:12 AM



#70
Pentachlorophenol
Concen: 71.766 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	53.5	80.3
264	63.3	49.8	74.8





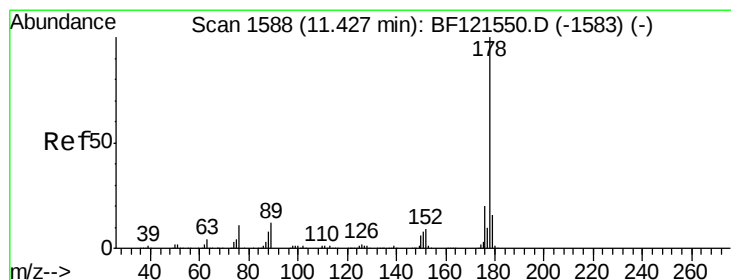
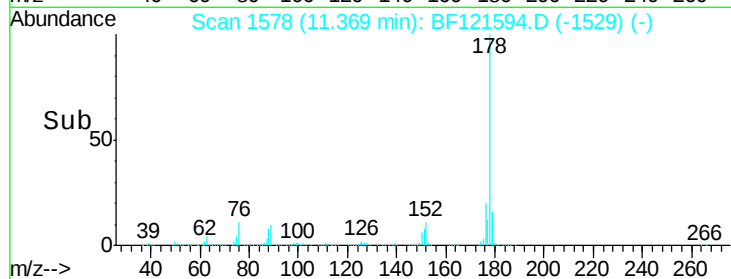
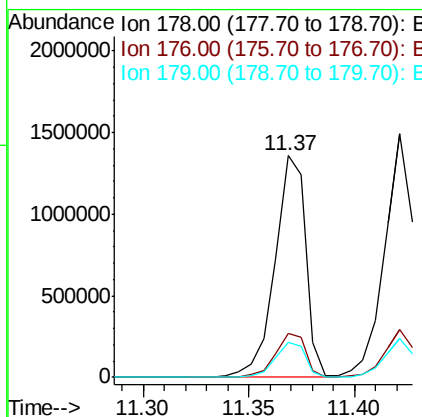
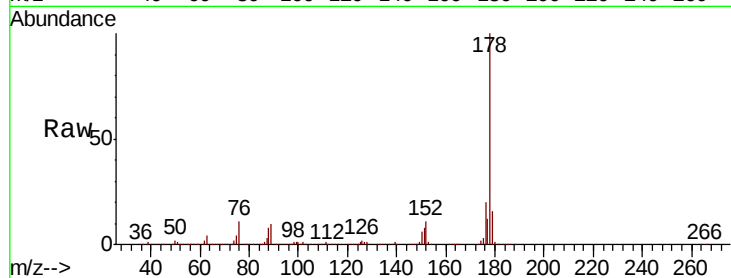
#71
Phenanthrene
Concen: 38.018 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.8	12.6	19.0

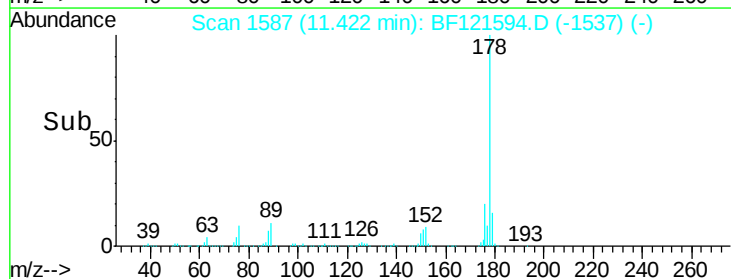
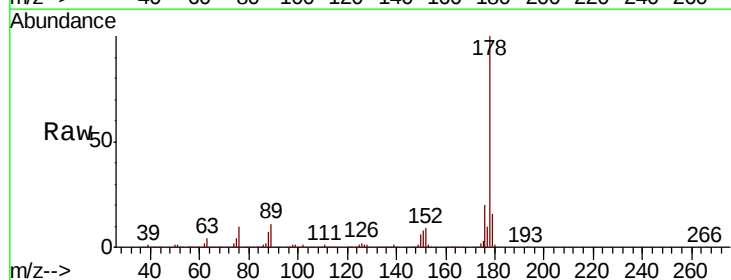
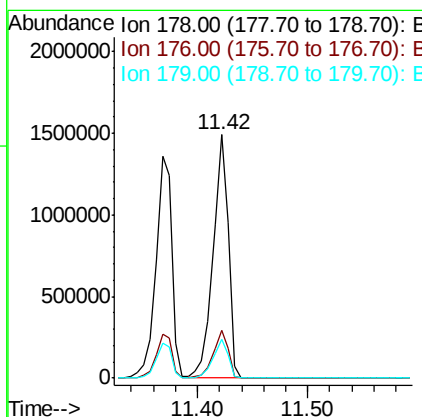
Manual Integrations
APPROVED

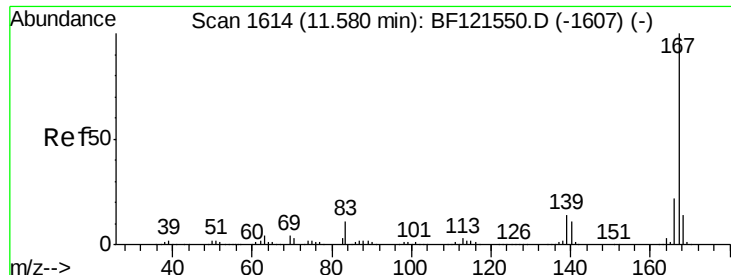
mohammad
9/18/2020 11:28:12 AM



#72
Anthracene
Concen: 37.428 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	16.0	12.8	19.2





#73

Carbazole

Concen: 36.527 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:167 Resp: 1236130

Ion Ratio Lower Upper

167 100

166 22.1 17.9 26.9

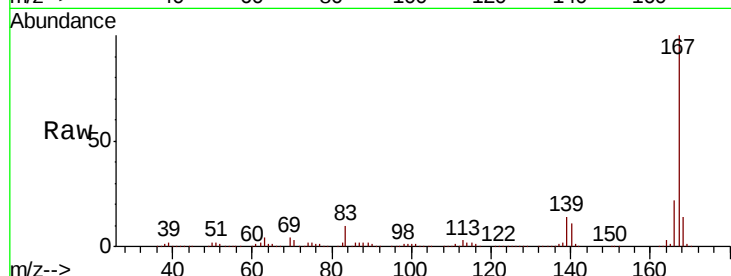
139 13.8 11.2 16.8

Manual Integrations

APPROVED

mohammad

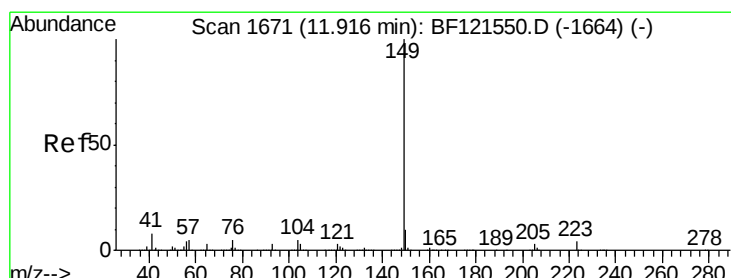
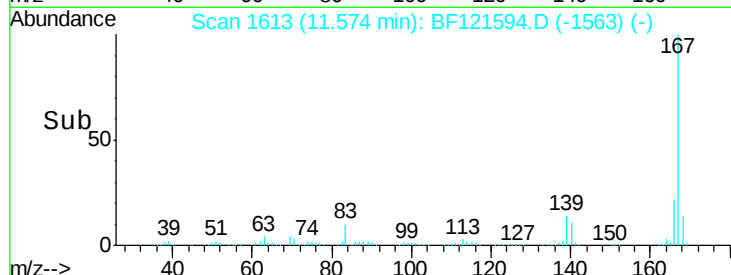
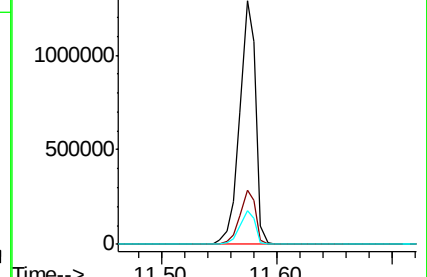
9/18/2020 11:28:12 AM



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



#74

Di-n-butylphthalate

Concen: 38.566 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

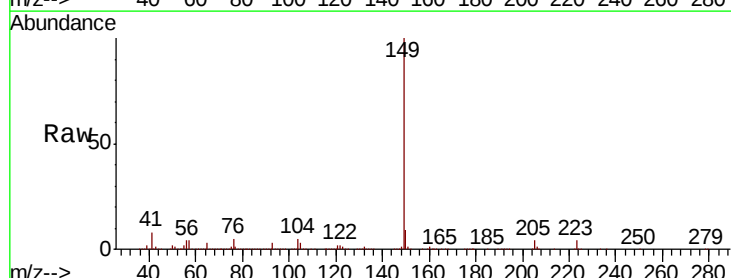
Tgt Ion:149 Resp: 1506329

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

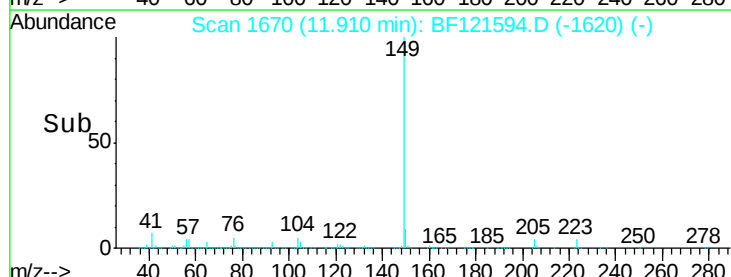
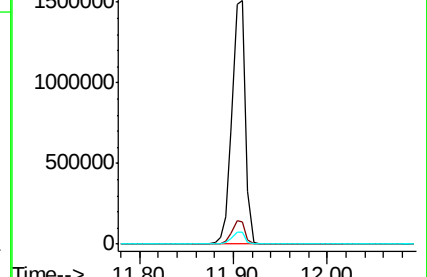
104 4.9 4.2 6.4

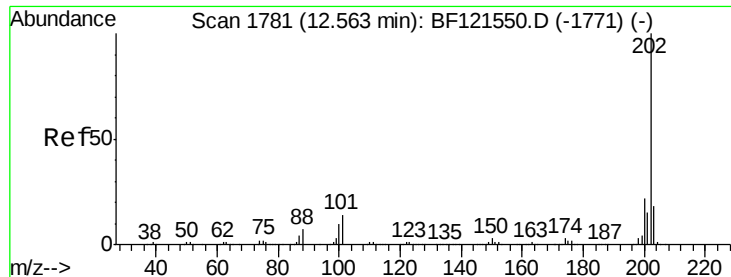


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.299 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

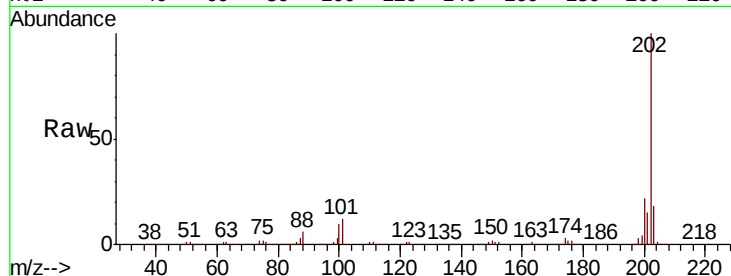
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

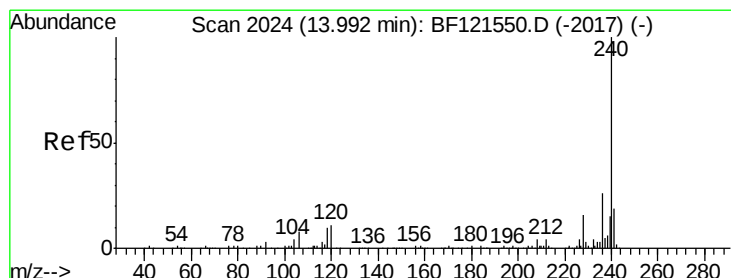
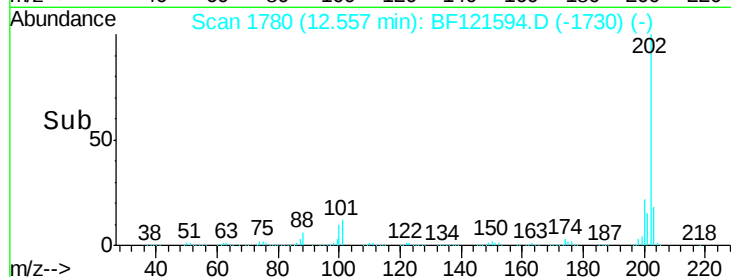
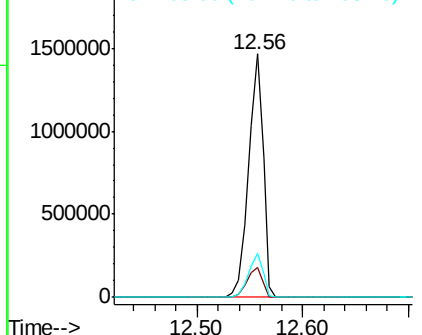
Tot Ion:	202	Resp:	1408149
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.0
203	18.0	0.0	38.2

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

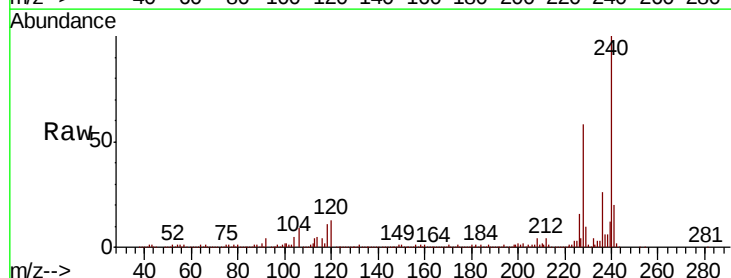
RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

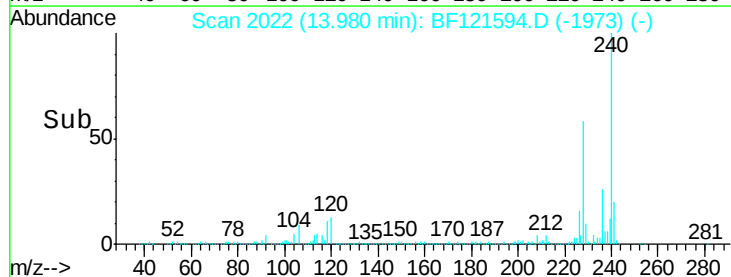
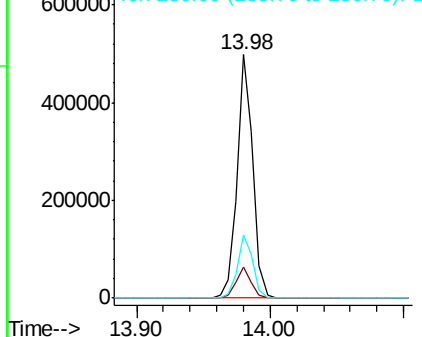
Lab File: BF121594.D

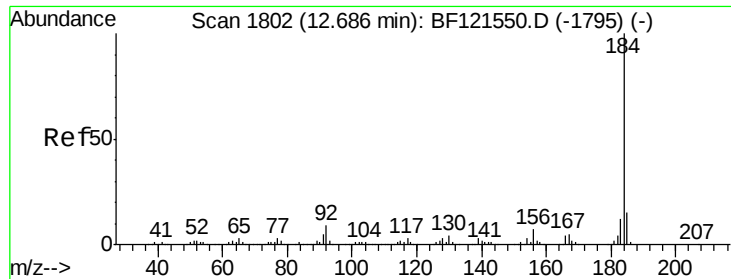
Acq: 16 Sep 2020 13:33

Tgt Ion:	240	Resp:	408758
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.2	13.8
236	26.0	20.5	30.7



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.321 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

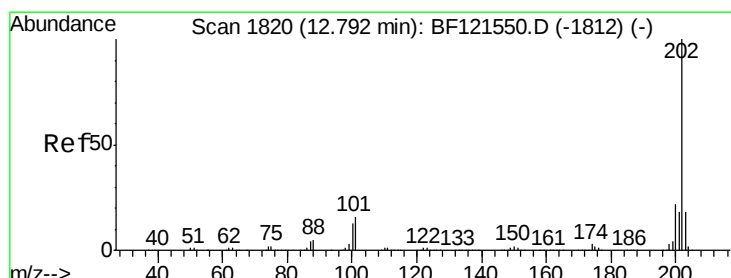
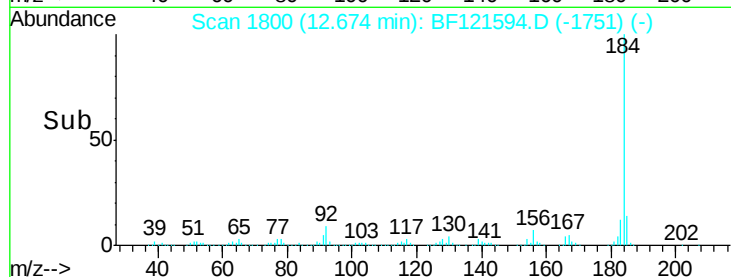
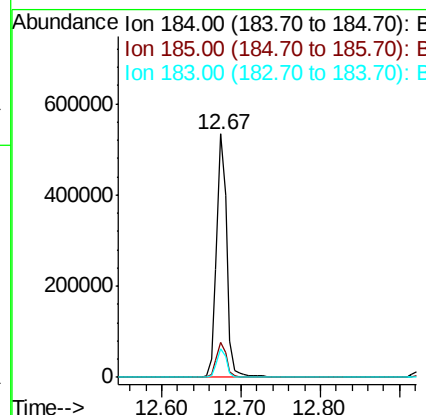
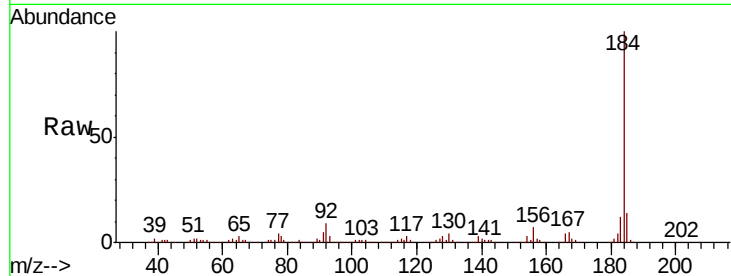
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:	184	Resp:	478647
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.0	18.0
183	11.6	9.5	14.3

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



#78

Pyrene

Concen: 46.396 ng

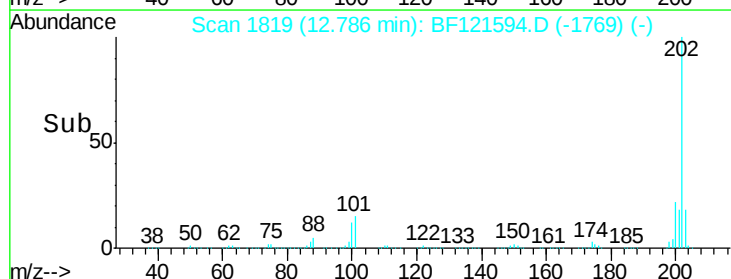
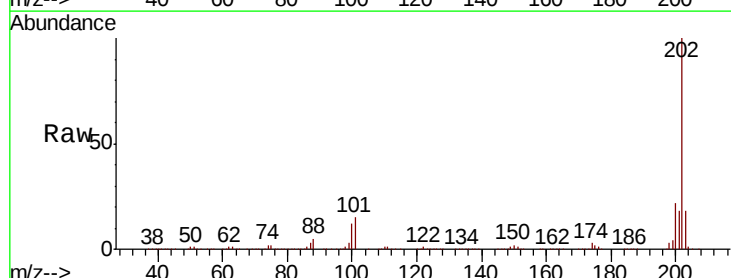
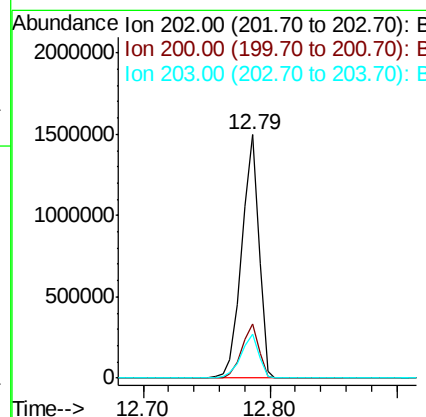
RT: 12.79 min Scan# 1819

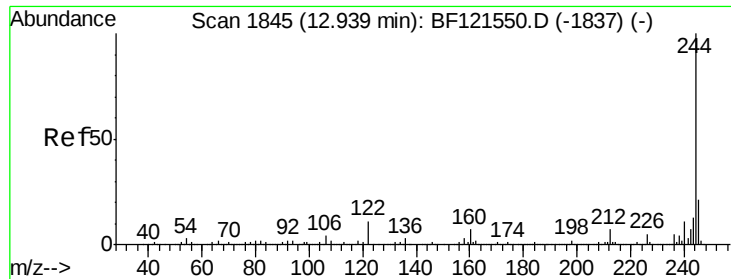
Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	202	Resp:	1385634
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.8
203	17.9	14.6	22.0





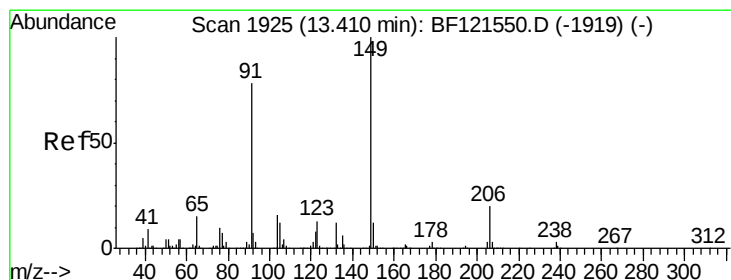
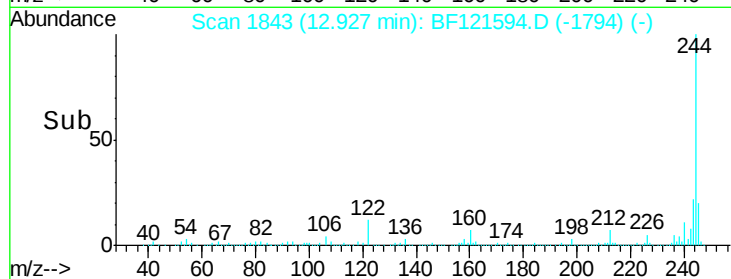
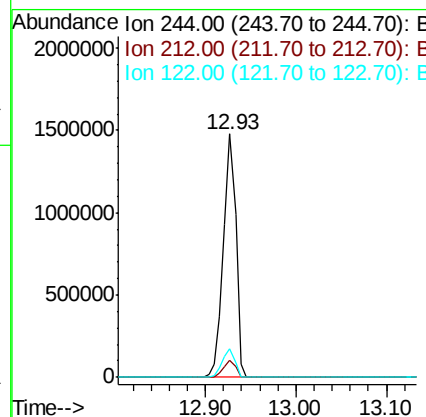
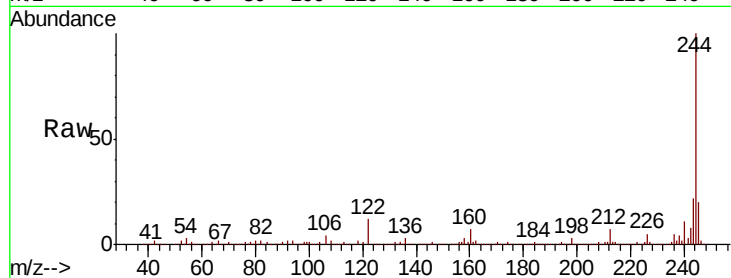
#79
 Terphenyl-d14
 Concen: 69.259 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.6	8.7	13.1

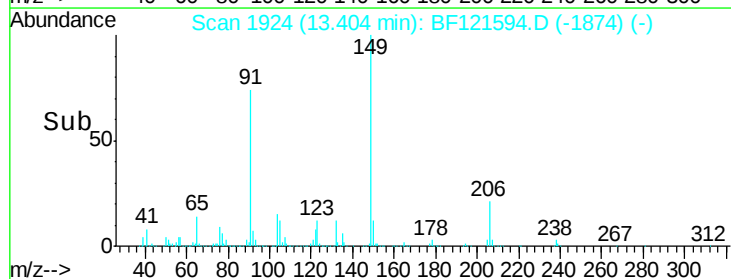
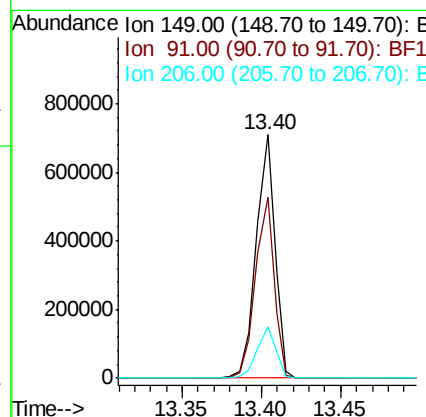
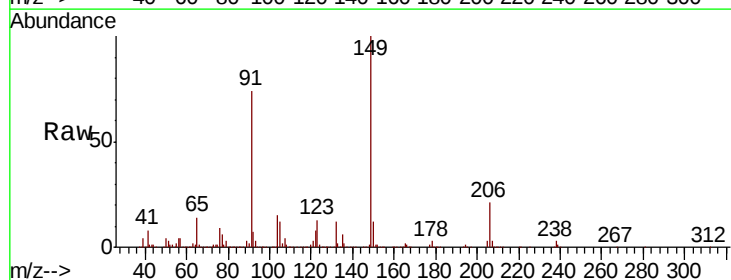
Manual Integrations
 APPROVED

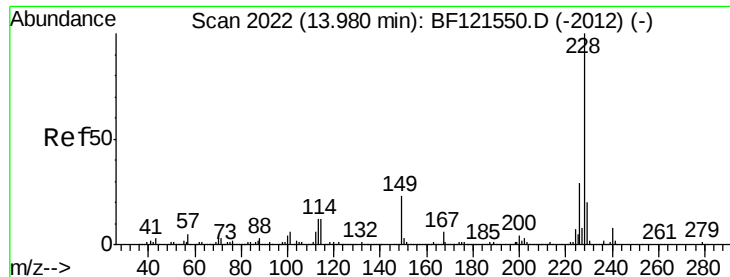
mohammad
 9/18/2020 11:28:12 AM



#80
 Butylbenzylphthalate
 Concen: 48.295 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF121594.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	62.6	94.0
206	21.1	15.8	23.6





#81

Benzo(a)anthracene

Concen: 39.506 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:228 Resp: 1021633

Ion Ratio Lower Upper

228 100

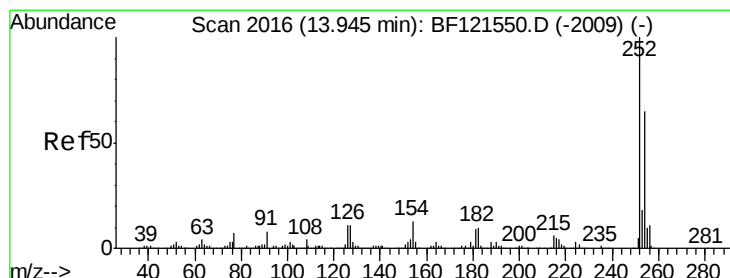
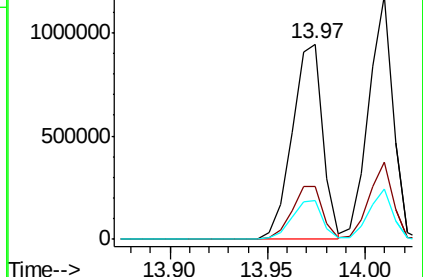
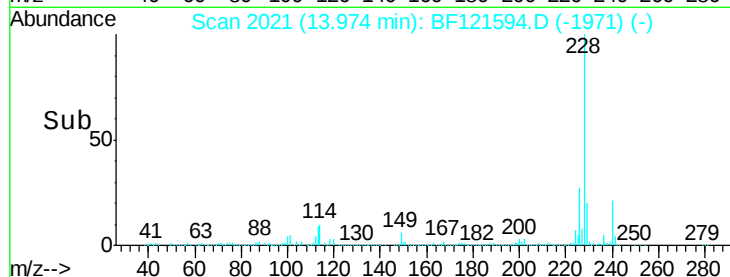
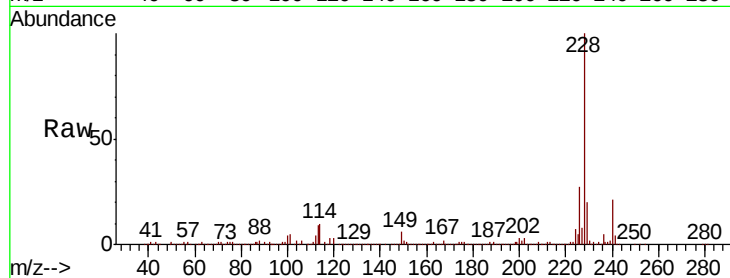
226 27.2 22.9 34.3

229 19.7 16.3 24.5

Manual Integrations
APPROVED

mohammad

9/18/2020 11:28:12 AM



#82

3,3'-Dichlorobenzidine

Concen: 21.758 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

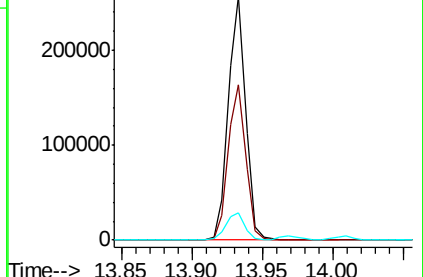
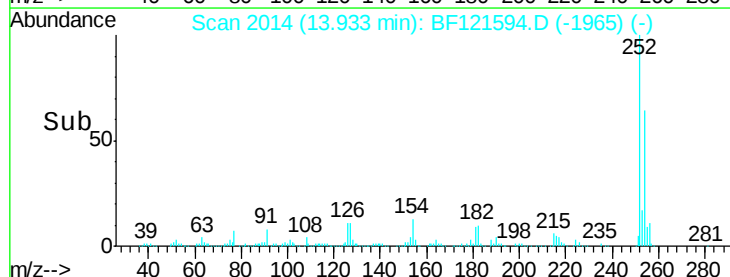
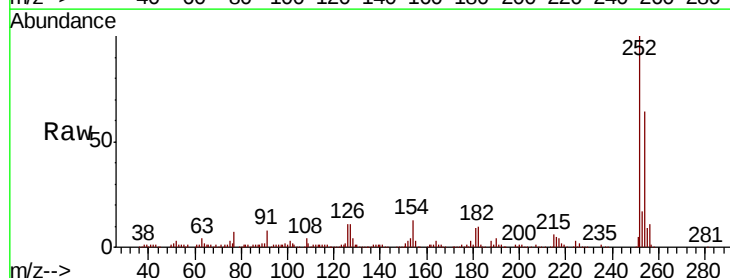
Tgt Ion:252 Resp: 219666

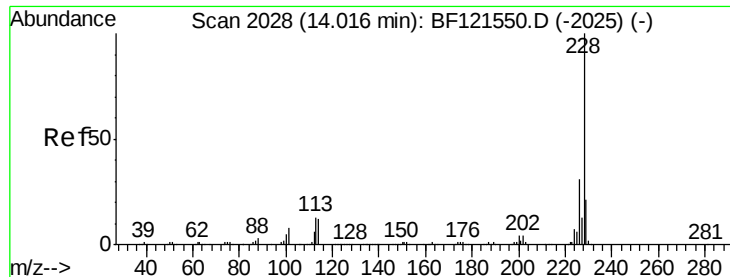
Ion Ratio Lower Upper

252 100

254 63.9 52.3 78.5

126 11.2 9.1 13.7





#83

Chrysene

Concen: 38.937 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:228 Resp: 1019624

Ion Ratio Lower Upper

228 100

226 31.5 25.1 37.7

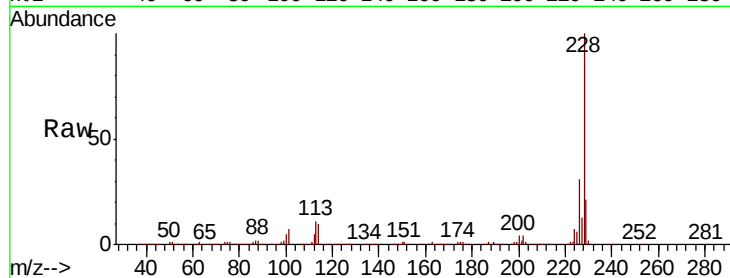
229 20.6 16.6 25.0

Manual Integrations

APPROVED

mohammad

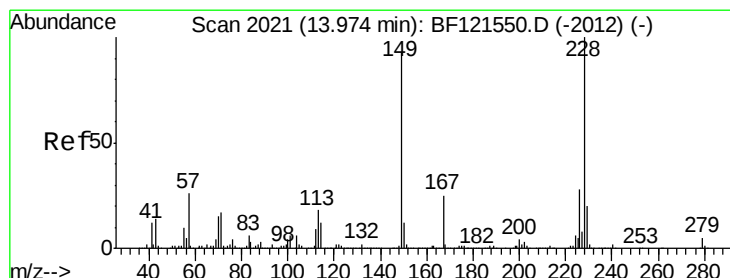
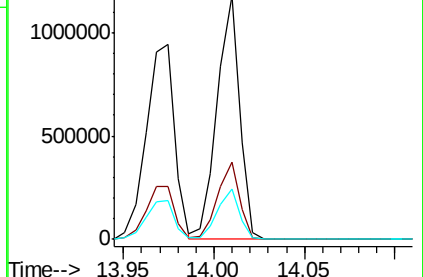
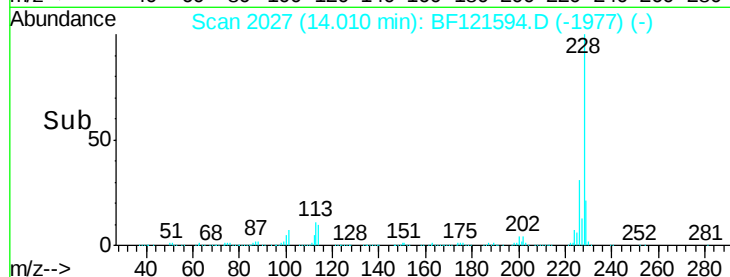
9/18/2020 11:28:12 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.544 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

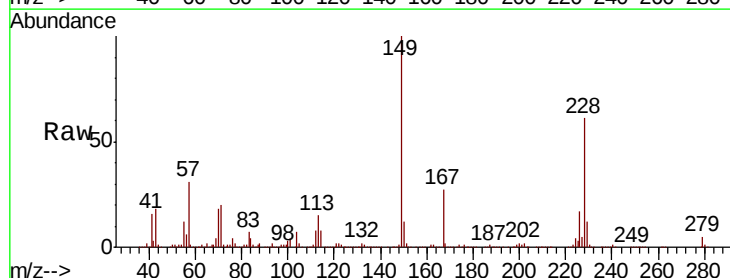
Tgt Ion:149 Resp: 734884

Ion Ratio Lower Upper

149 100

167 26.7 21.6 32.4

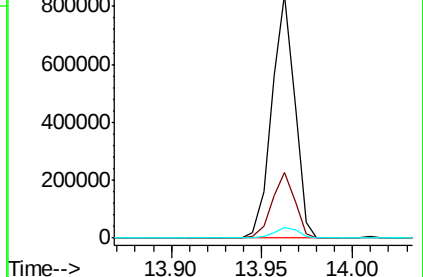
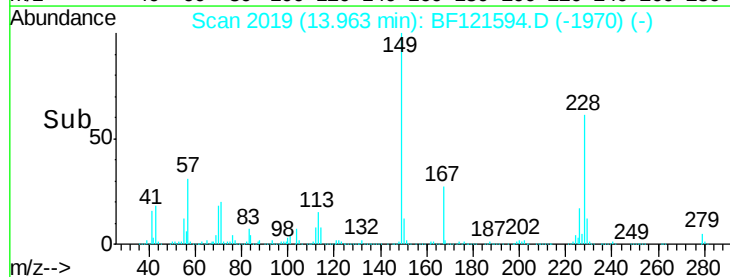
279 4.5 4.1 6.1

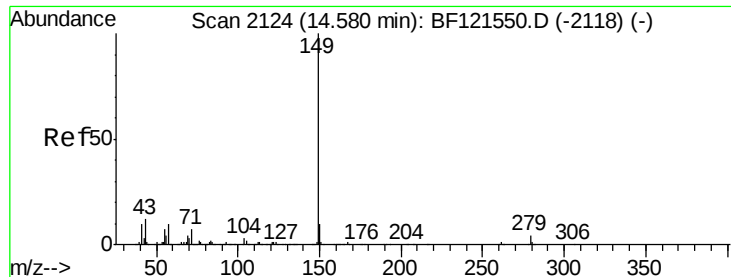


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.808 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMS

Tot Ion:149 Resp: 1190549

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

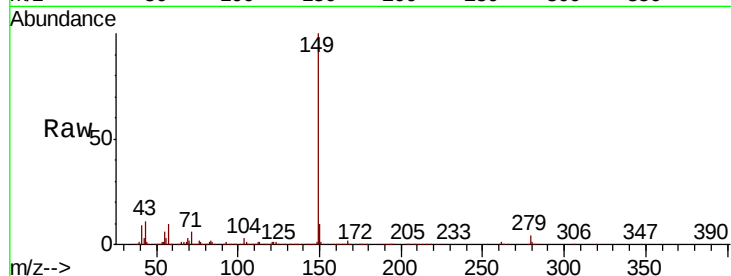
43 11.3 9.4 14.0

Manual Integrations

APPROVED

mohammad

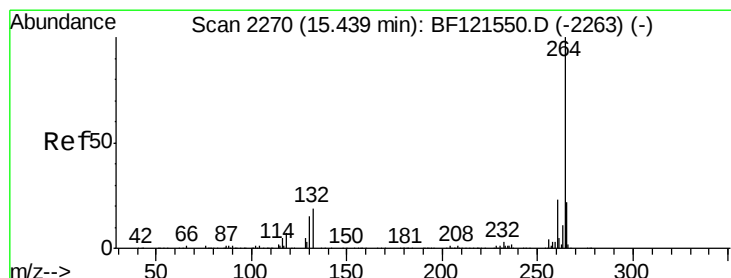
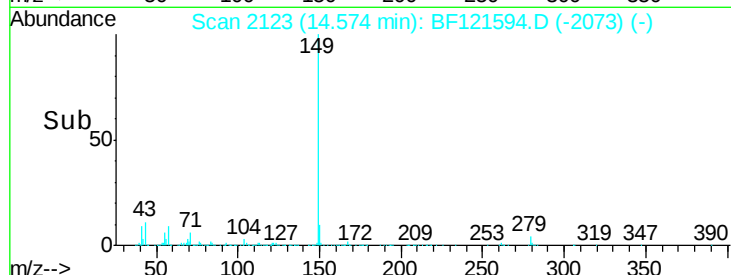
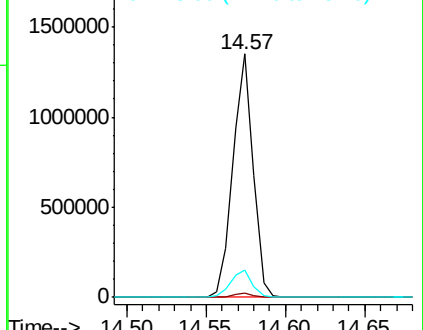
9/18/2020 11:28:12 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF121594.D

Acq: 16 Sep 2020 13:33

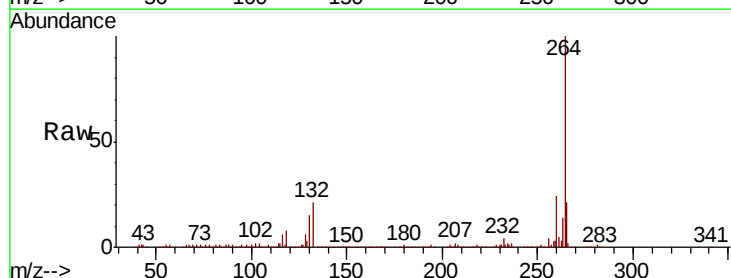
Tgt Ion:264 Resp: 343720

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

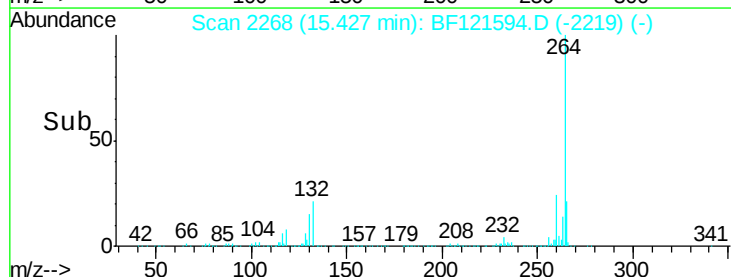
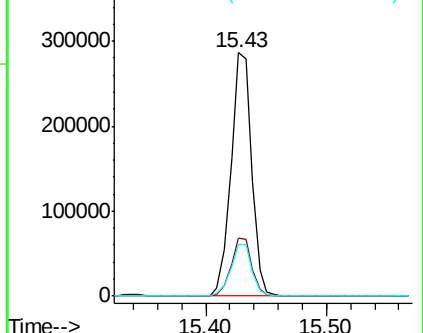
265 21.5 17.8 26.6

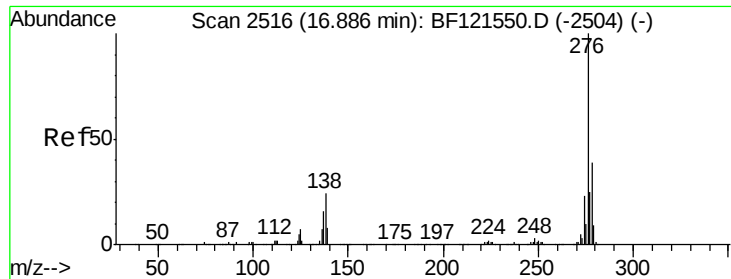


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





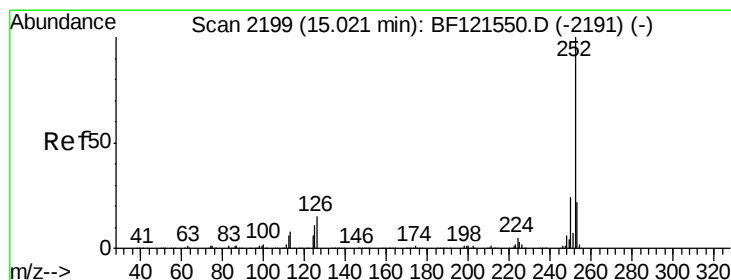
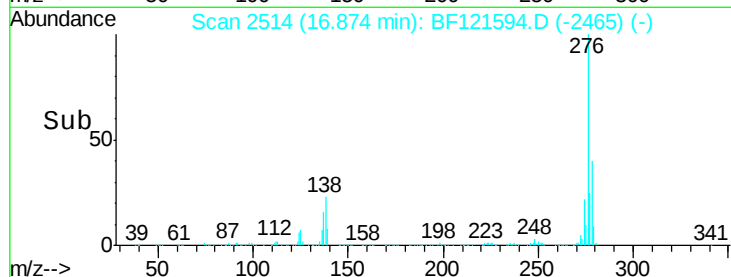
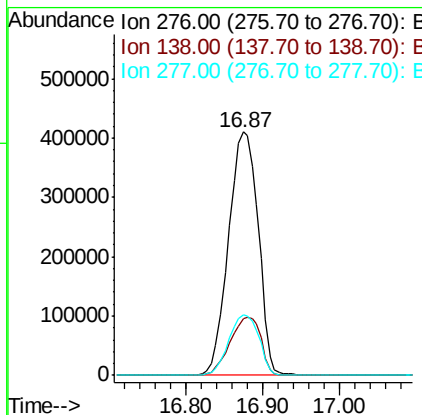
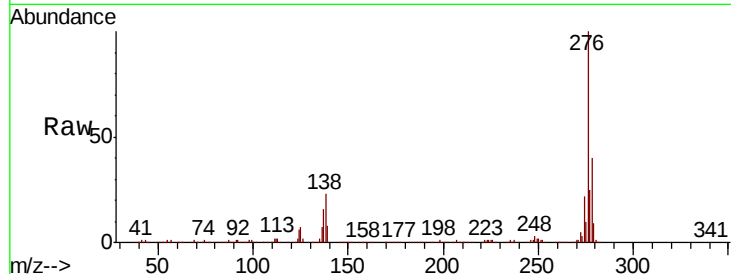
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.461 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	31.0
277	25.2	20.2	30.4

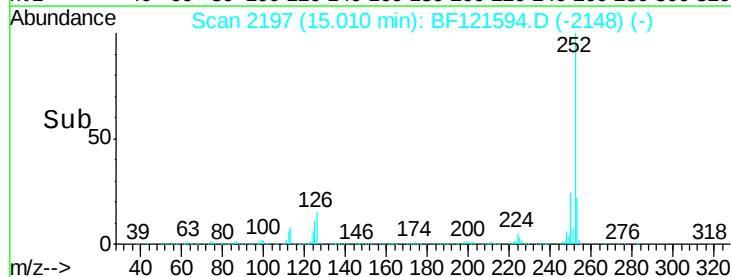
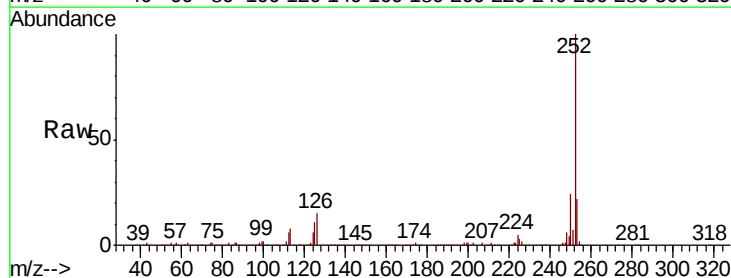
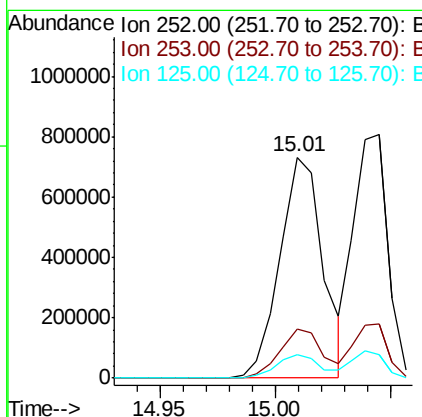
Manual Integrations
APPROVED

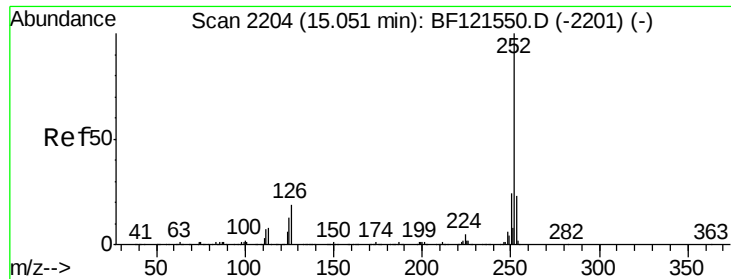
mohammad
9/18/2020 11:28:12 AM



#88
Benzo(b)fluoranthene
Concen: 41.332 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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





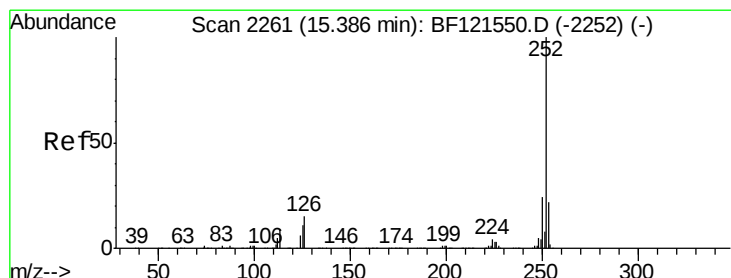
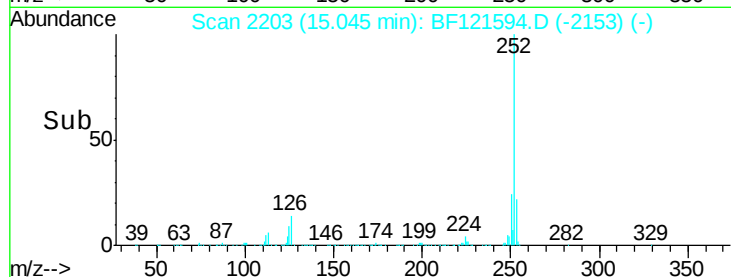
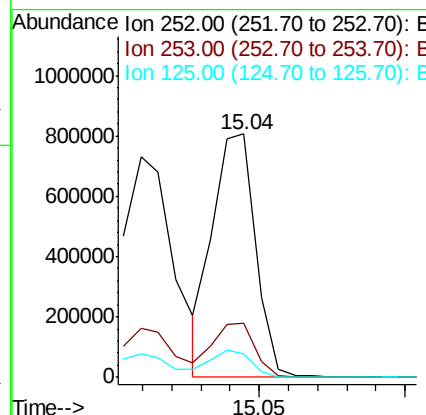
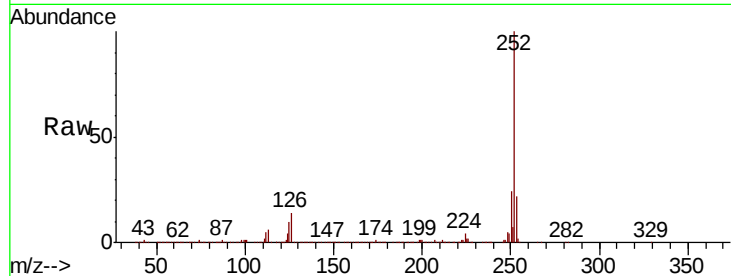
#89
Benzo(k)fluoranthene
Concen: 39.532 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.5	9.8	14.6

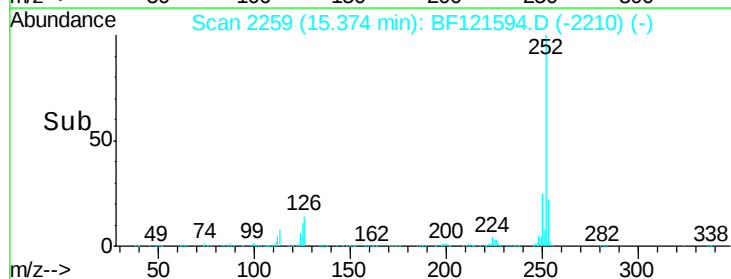
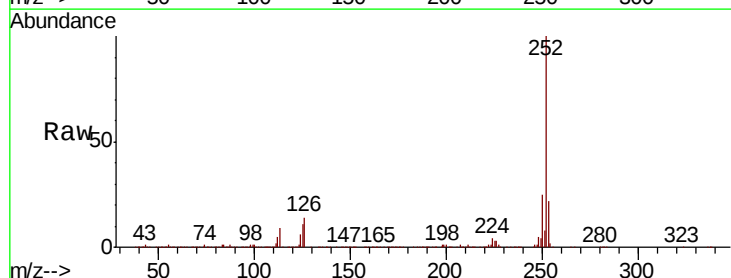
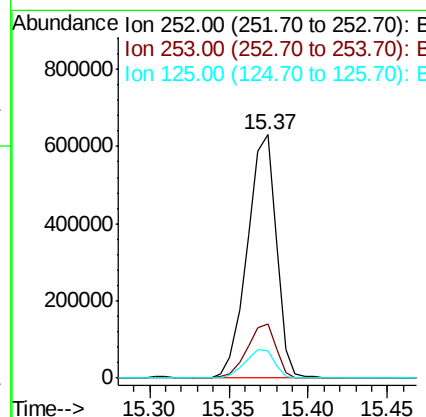
Manual Integrations
APPROVED

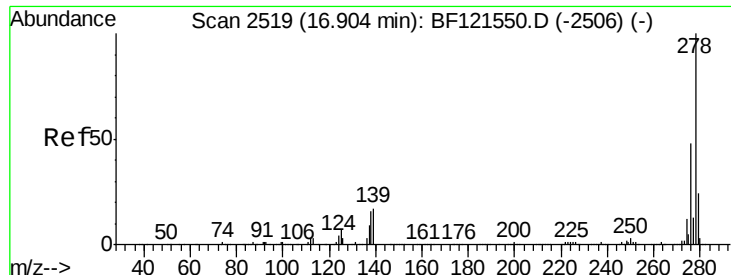
mohammad
9/18/2020 11:28:12 AM



#90
Benzo(a)pyrene
Concen: 41.076 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.2	9.0	13.4





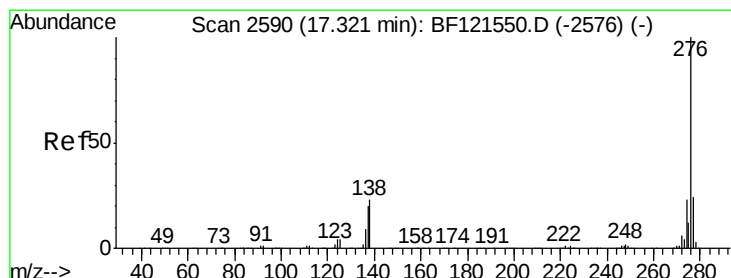
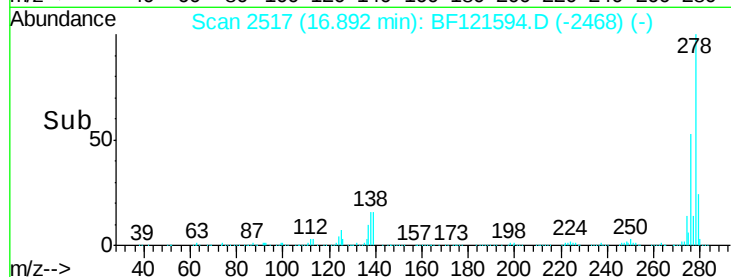
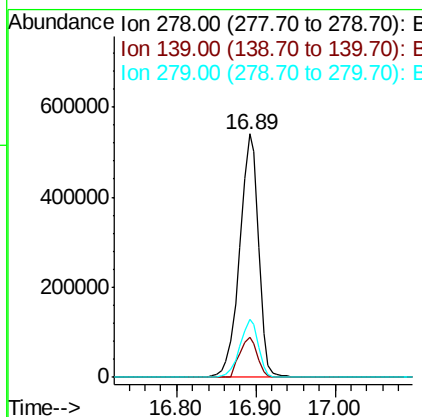
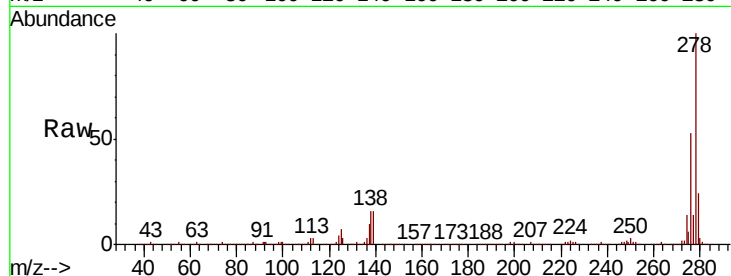
#91
Dibenzo(a,h)anthracene
Concen: 47.837 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.9	20.9
279	24.1	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:12 AM



#92
Benzo(g,h,i)perylene
Concen: 52.669 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF121594.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	21.4	18.7	28.1

