

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121844.D
 Acq On : 6 Oct 2020 10:35
 Operator : JU/CG
 Sample : PB132087BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:40:34 AM

Quant Time: Oct 06 12:04:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144456	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	571239	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	302526	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	557273	20.00	ng	0.00
76) Chrysene-d12	13.93	240	437566	20.00	ng	0.00
86) Perylene-d12	15.36	264	359132	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	950798	97.82	ng	0.02
7) Phenol-d6	6.42	99	1237094	97.01	ng	0.00
23) Nitrobenzene-d5	7.34	82	1074230	100.97	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	367634	97.78	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1806332	90.43	ng	0.00
79) Terphenyl-d14	12.87	244	1658909	76.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	165643	37.093	ng	99
3) Pyridine	3.33	79	368235	29.828	ng	99
4) n-Nitrosodimethylamine	3.29	42	217811	38.037	ng	97
6) Aniline	6.43	93	413002	24.866	ng	# 60
8) 2-Chlorophenol	6.56	128	391929	39.602	ng	97
9) Benzaldehyde	6.32	77	220227	26.417	ng	98
10) Phenol	6.43	94	489315	36.033	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	399871	39.069	ng	100
12) 1,3-Dichlorobenzene	6.70	146	425145	38.488	ng	98
13) 1,4-Dichlorobenzene	6.78	146	427642	38.556	ng	100
14) 1,2-Dichlorobenzene	6.93	146	387819	37.956	ng	97
15) Benzyl Alcohol	6.92	79	326752	37.697	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	614680	37.321	ng	90
17) 2-Methylphenol	7.03	107	335102	39.795	ng	# 94
18) Hexachloroethane	7.27	117	157332	39.616	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	284752	38.744	ng	99
20) 3+4-Methylphenols	7.19	107	399301	39.467	ng	# 81
22) Acetophenone	7.18	105	552827	38.143	ng	97
24) Nitrobenzene	7.35	77	436915	37.970	ng	100
25) Isophorone	7.59	82	797438	37.234	ng	99
26) 2-Nitrophenol	7.67	139	215700	40.254	ng	97
27) 2,4-Dimethylphenol	7.71	122	351611	36.779	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	506270	38.184	ng	99
29) 2,4-Dichlorophenol	7.92	162	335035	38.477	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	349358	38.096	ng	99
31) Naphthalene	8.07	128	1136578	37.691	ng	99
32) Benzoic acid	7.87	122	172465	27.621	ng	97
33) 4-Chloroaniline	8.12	127	339716	25.989	ng	99
34) Hexachlorobutadiene	8.19	225	208422	38.720	ng	98
35) Caprolactam	8.51	113	108787m	37.517	ng	
36) 4-Chloro-3-methylphenol	8.62	107	358647	38.235	ng	99
37) 2-Methylnaphthalene	8.76	142	754582	38.184	ng	99
38) 1-Methylnaphthalene	8.86	142	698026	37.953	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	358591	37.946	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121844.D
 Acq On : 6 Oct 2020 10:35
 Operator : JU/CG
 Sample : PB132087BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

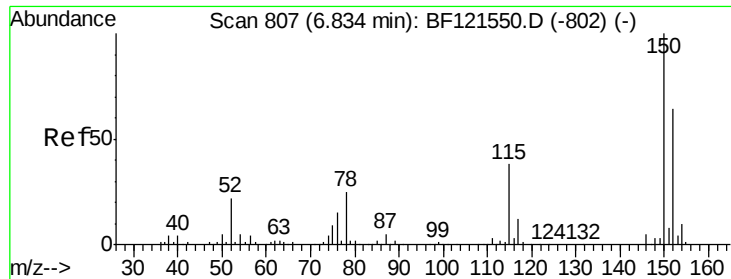
Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:40:34 AM

Quant Time: Oct 06 12:04:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	216370	40.094	nq	98
43) 2,4,6-Trichlorophenol	9.05	196	230961	35.857	nq	98
44) 2,4,5-Trichlorophenol	9.09	196	238903	35.084	nq	97
46) 1,1'-Biphenyl	9.23	154	898961	37.118	nq	99
47) 2-Chloronaphthalene	9.25	162	683082	35.791	nq	100
48) 2-Nitroaniline	9.35	65	240184	40.498	nq	99
49) Acenaphthylene	9.67	152	1078537	36.780	nq	100
50) Dimethylphthalate	9.53	163	827530	37.741	nq	99
51) 2,6-Dinitrotoluene	9.60	165	184309	39.470	nq	87
52) Acenaphthene	9.84	154	625912	33.794	nq	98
53) 3-Nitroaniline	9.76	138	138580	25.618	nq	100
54) 2,4-Dinitrophenol	9.88	184	168345	64.483	nq	# 86
55) Dibenzofuran	10.01	168	912991	35.003	nq	99
56) 4-Nitrophenol	9.95	139	226900	52.595	nq	86
57) 2,4-Dinitrotoluene	10.00	165	225928	38.458	nq	92
58) Fluorene	10.35	166	724697	36.332	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	200589	36.235	nq	97
60) Diethylphthalate	10.23	149	790780	36.990	nq	99
61) 4-Chlorophenyl-phenylether	10.35	204	357372	37.402	nq	99
62) 4-Nitroaniline	10.38	138	192571	35.853	nq	96
63) Azobenzene	10.50	77	822971	36.149	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	127058	38.704	nq	97
66) n-Nitrosodiphenylamine	10.46	169	691374	36.162	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	239202	37.700	nq	98
68) Hexachlorobenzene	10.90	284	270875	37.830	nq	# 90
69) Atrazine	10.99	200	201247	42.368	nq	99
70) Pentachlorophenol	11.10	266	229200	58.286	nq	98
71) Phenanthrene	11.32	178	1087626	35.821	nq	100
72) Anthracene	11.36	178	1108770	35.387	nq	99
73) Carbazole	11.52	167	1009468	35.702	nq	100
74) Di-n-butylphthalate	11.85	149	1228666	37.650	nq	99
75) Fluoranthene	12.50	202	1173317	36.200	nq	99
77) Benzidine	12.62	184	416799	28.732	nq	99
78) Pyrene	12.73	202	1189309	37.201	nq	100
80) Butylbenzylphthalate	13.34	149	517786	40.046	nq	98
81) Benzo(a)anthracene	13.92	228	1048435	37.873	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	327217	30.277	nq	99
83) Chrysene	13.96	228	1020131	36.391	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	717288	41.527	nq	# 98
85) Di-n-octyl phthalate	14.52	149	1211024	39.727	nq	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	902733	38.598	nq	100
88) Benzo(b)fluoranthene	14.95	252	1028608	42.844	nq	98
89) Benzo(k)fluoranthene	14.99	252	866128	39.395	nq	99
90) Benzo(a)pyrene	15.31	252	847747	41.540	nq	98
91) Dibenzo(a,h)anthracene	16.80	278	753086	38.682	nq	100
92) Benzo(g,h,i)perylene	17.22	276	742248	38.785	nq	99

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



#1

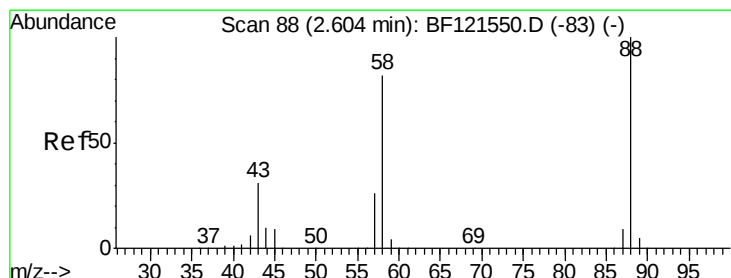
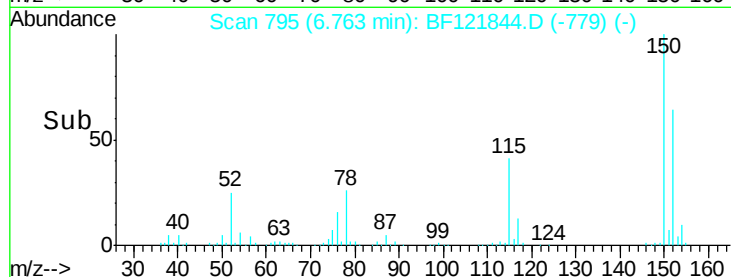
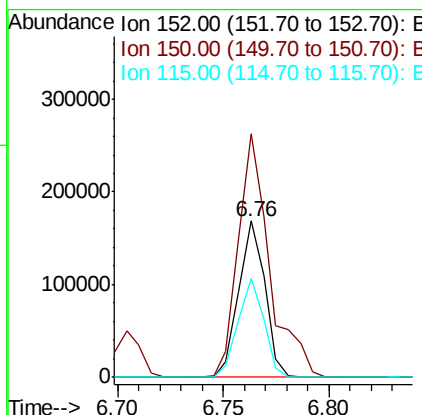
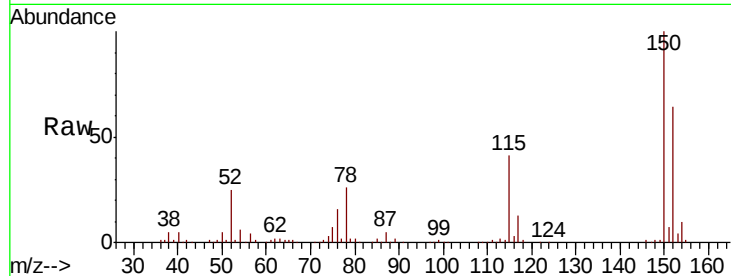
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.3	187.9
115	63.6	51.9	77.9

Manual Integrations
APPROVED

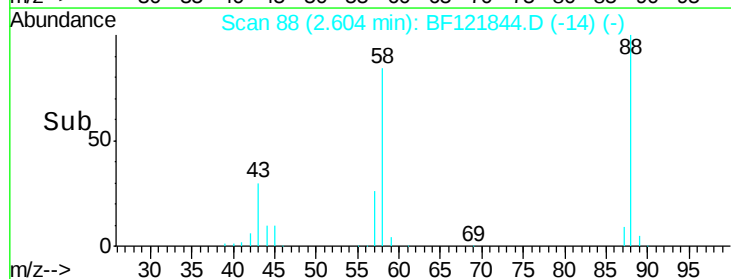
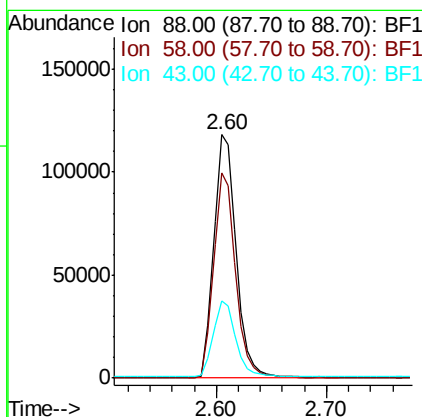
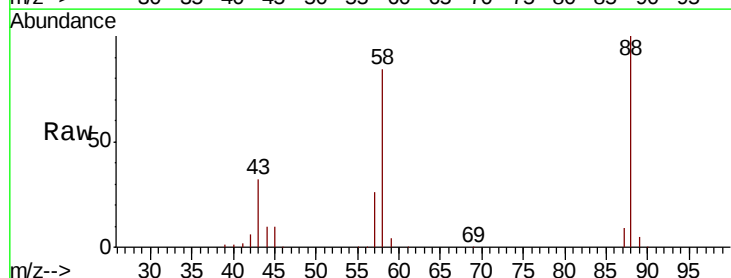
mohammad
10/7/2020 10:40:34 AM



#2

1,4-Dioxane
Concen: 37.093 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.14 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	65.8	98.8
43	30.6	25.8	38.8





#3

Pvridine

Concen: 29.828 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.14 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

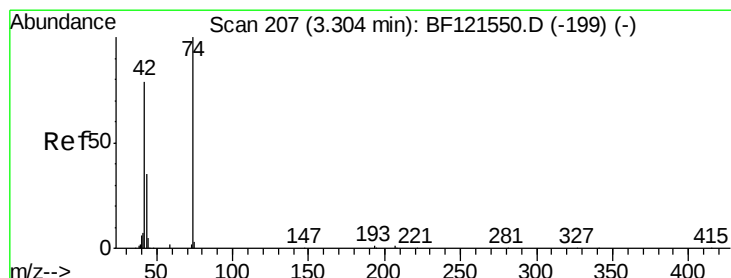
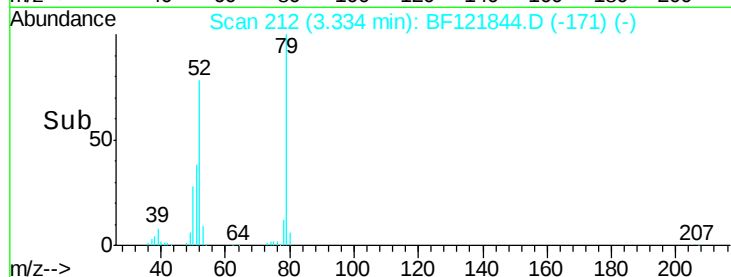
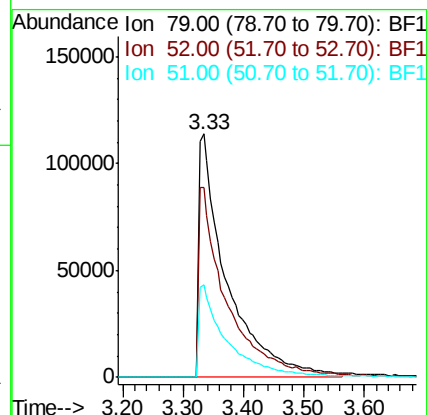
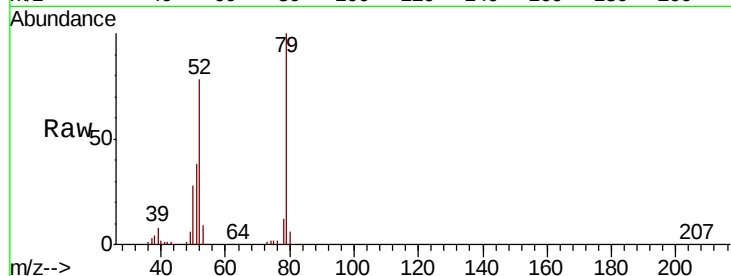
ClientSampleId :

PB132087BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		368235		
52	77.8	62.2	93.4		
51	38.0	31.1	46.7		

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#4

n-Nitrosodimethylamine

Concen: 38.037 ng

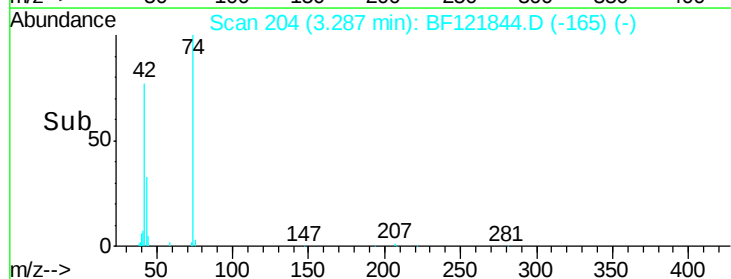
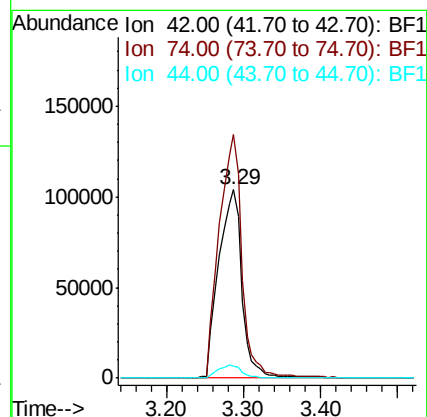
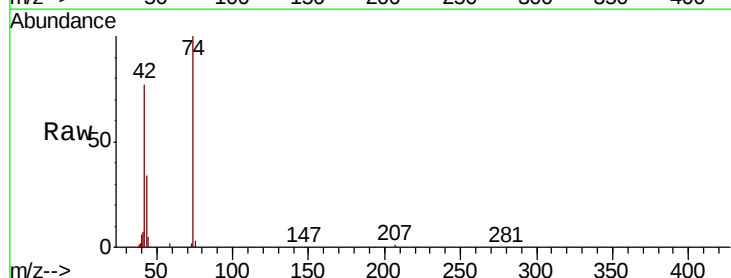
RT: 3.29 min Scan# 204

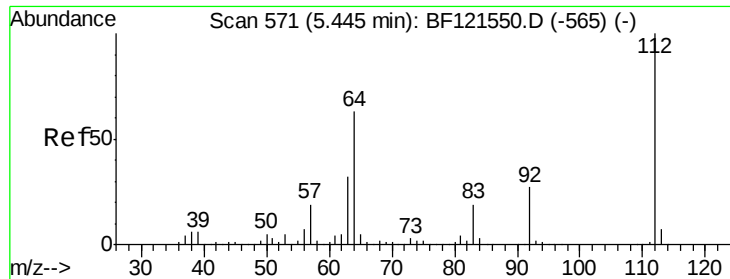
Delta R.T. 0.13 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		217811		
74	129.3	100.2	150.2		
44	6.7	5.8	8.6		





#5

2-Fluorophenol

Concen: 97.816 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

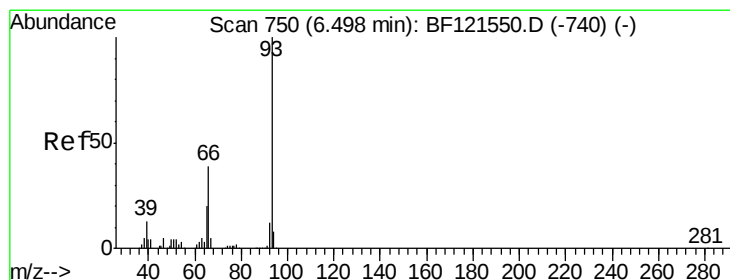
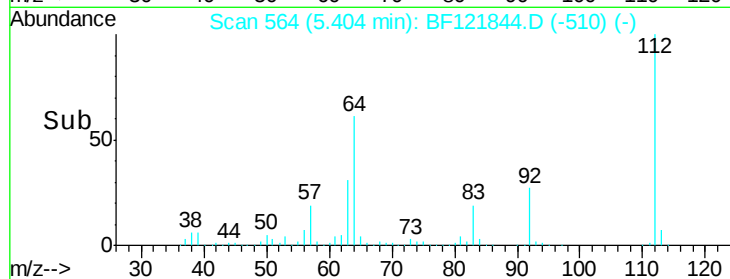
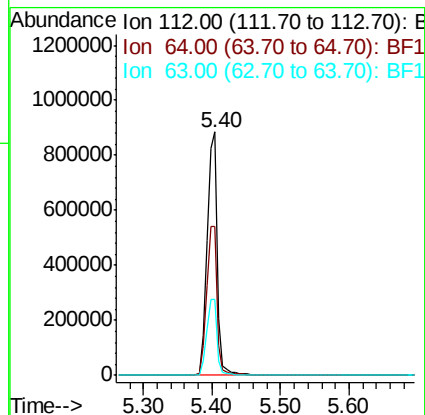
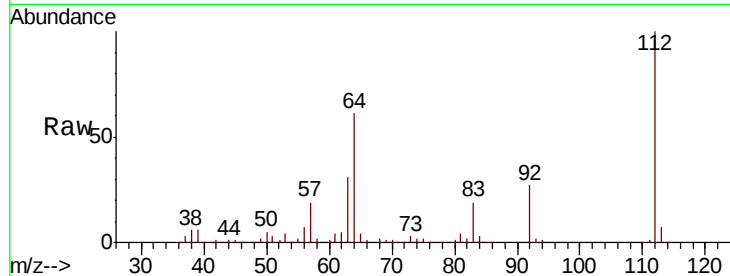
ClientSampleId :

PB132087BS

Tot Ion:	112	Resp:	950798
Ion Ratio	Lower	Upper	
112	100		
64	61.3	50.4	75.6
63	31.1	25.8	38.6

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#6

Aniline

Concen: 24.866 ng

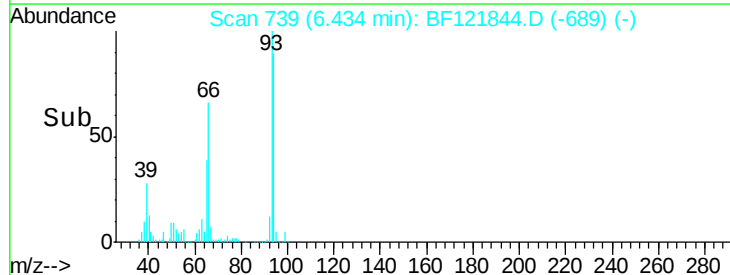
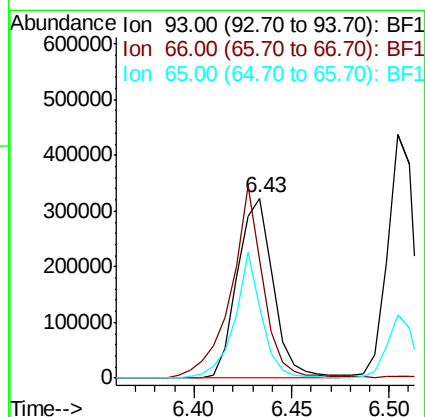
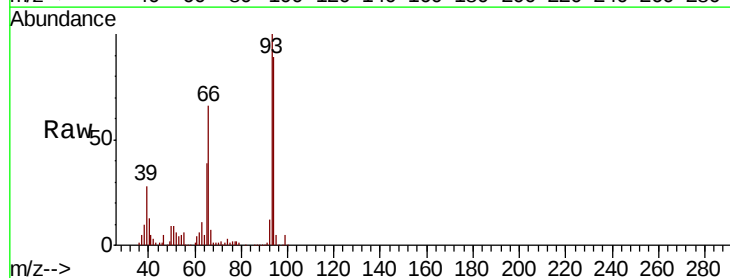
RT: 6.43 min Scan# 739

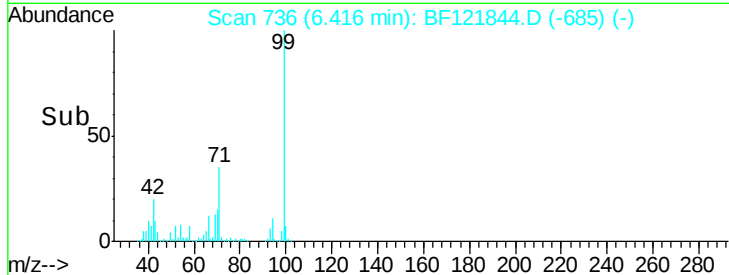
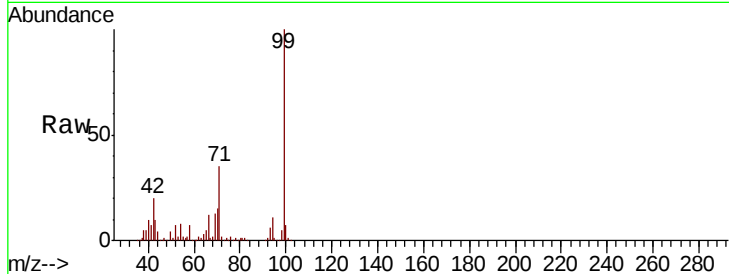
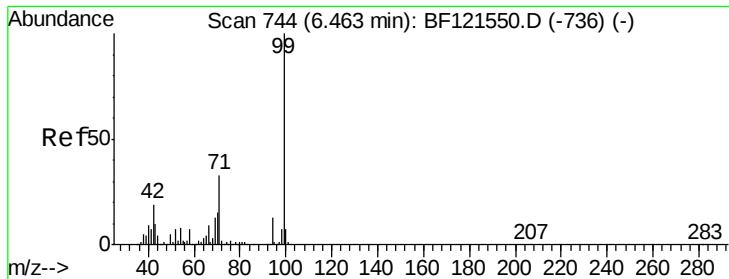
Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Tgt Ion:	93	Resp:	413002
Ion Ratio	Lower	Upper	
93	100		
66	65.5	32.7	49.1#
65	39.3	16.6	24.8#





#7

Phenol-d6

Concen: 97.008 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Tot Ion:	99	Resp:	1237094
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.9	23.9
71	35.2	27.1	40.7

Instrument :

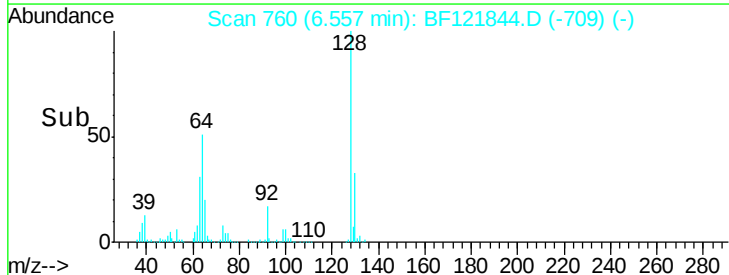
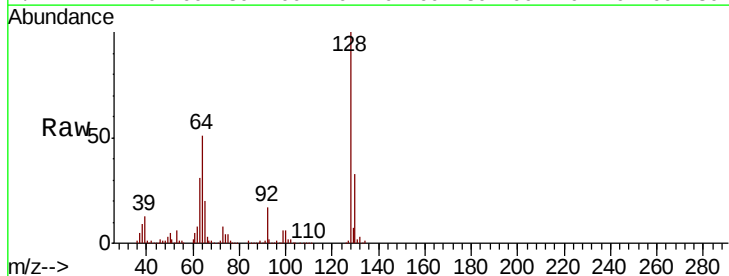
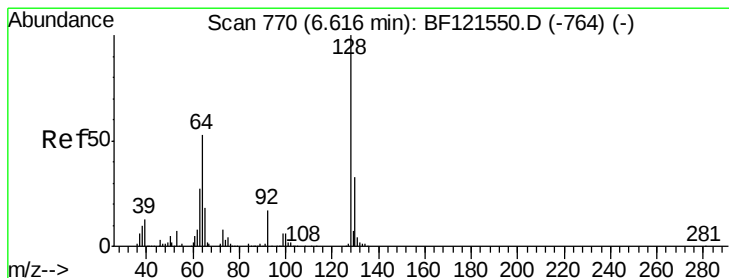
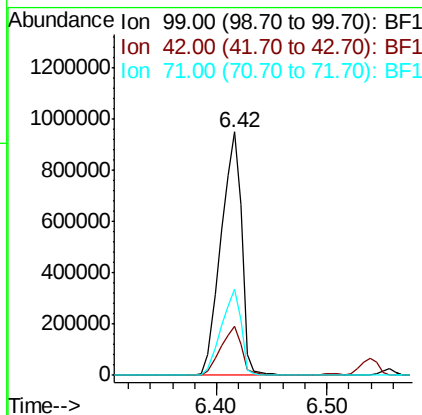
BNA_F

ClientSampleId :

PB132087BS

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#8

2-Chlorophenol

Concen: 39.602 ng

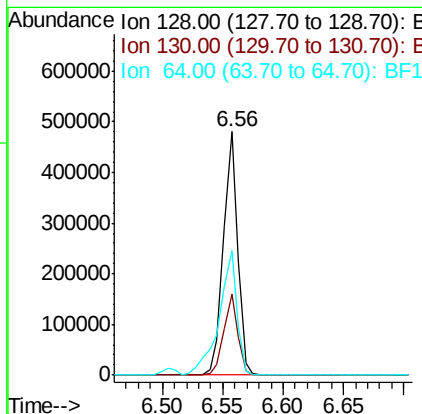
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Tgt Ion:	128	Resp:	391929
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.4	52.4
64	51.3	34.8	74.8





#9

Benzaldehyde

Concen: 26.417 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

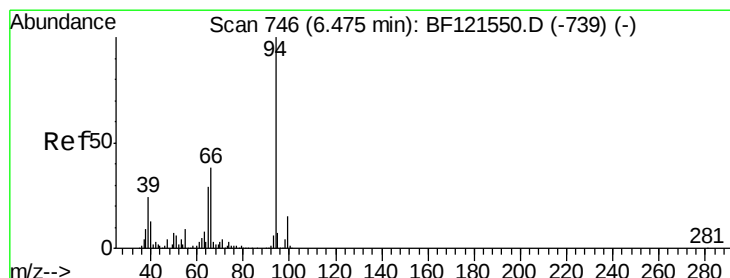
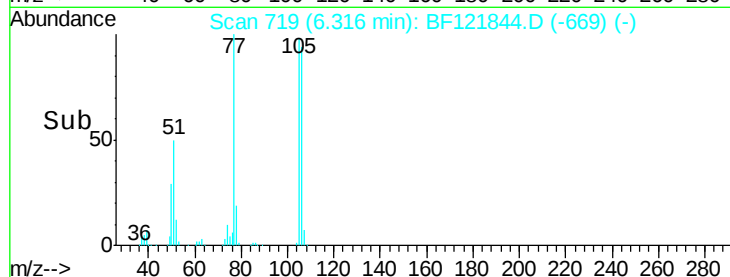
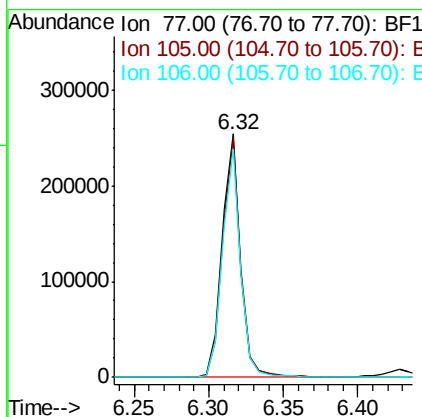
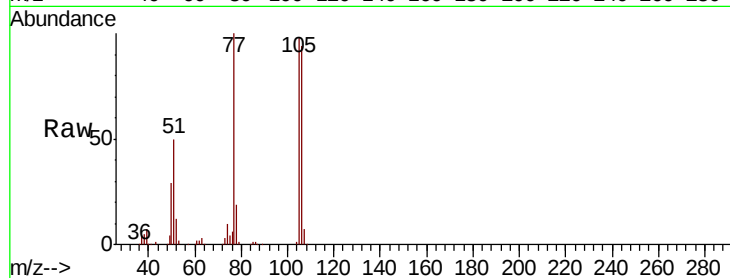
ClientSampleId :

PB132087BS

Tot Ion:	77	Resp:	220227
Ion	Ratio	Lower	Upper
77	100		
105	98.4	76.7	116.7
106	94.0	71.3	111.3

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#10

Phenol

Concen: 36.033 ng

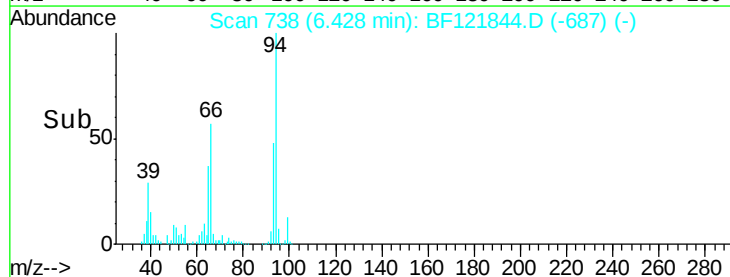
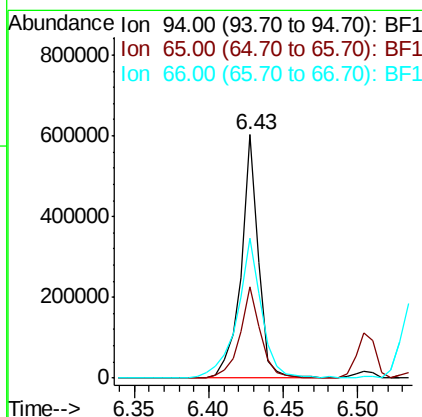
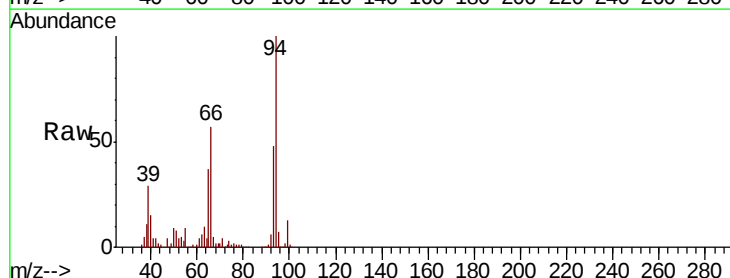
RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Tgt Ion:	94	Resp:	489315
Ion	Ratio	Lower	Upper
94	100		
65	37.5	17.1	57.1
66	57.4	36.0	76.0





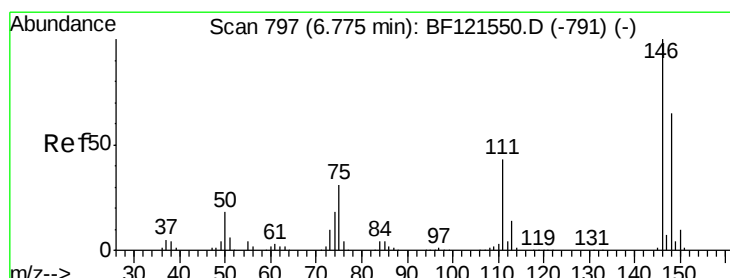
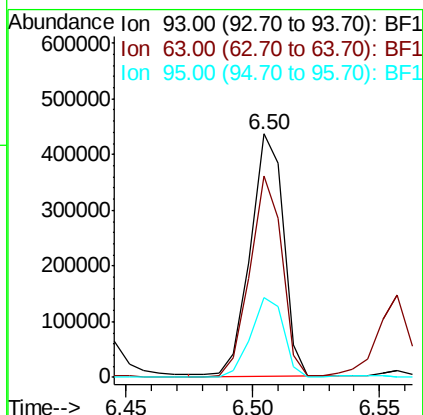
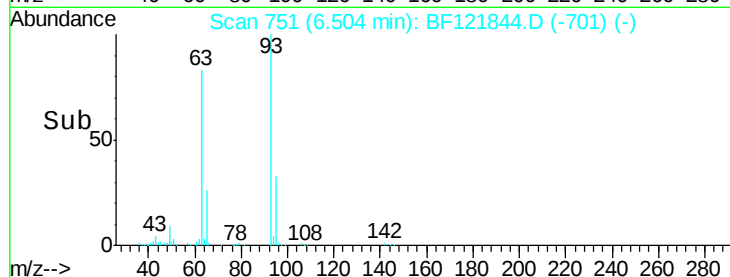
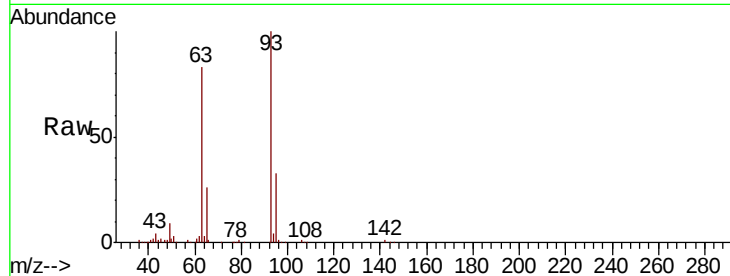
#11
bis(2-Chloroethyl)ether
Concen: 39.069 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampled :
PB132087BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	399871		
63	82.9		62.4	102.4
95	32.6		12.6	52.6

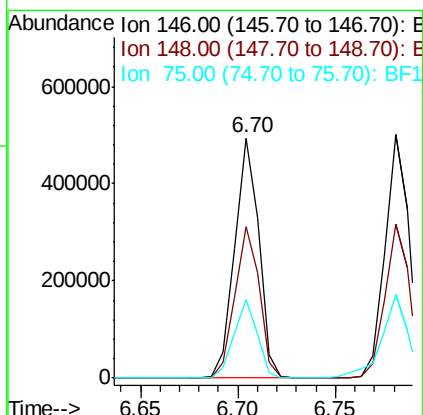
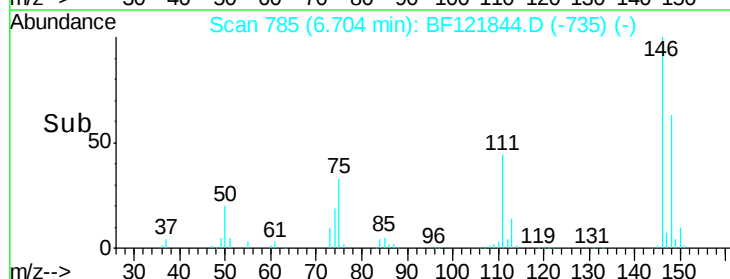
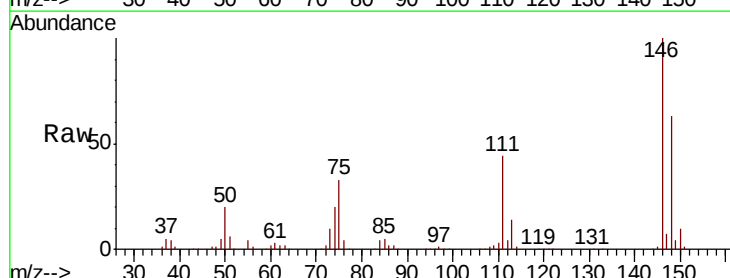
Manual Integrations
APPROVED

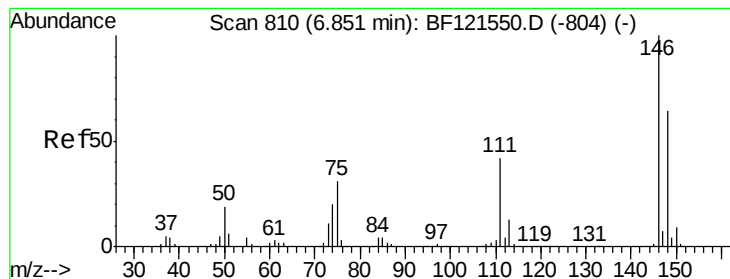
mohammad
10/7/2020 10:40:34 AM



#12
1,3-Dichlorobenzene
Concen: 38.488 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	425145		
148	63.1		51.0	76.4
75	32.9		27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 38.556 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

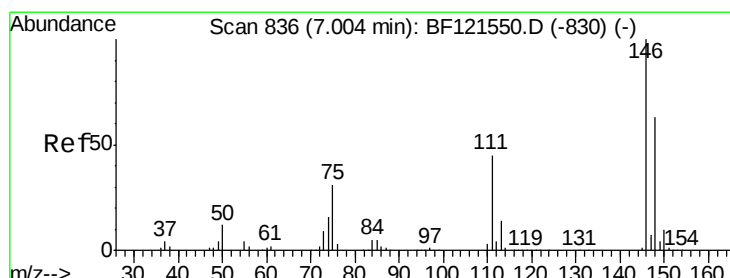
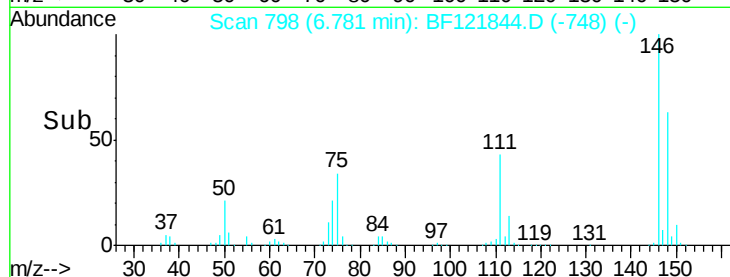
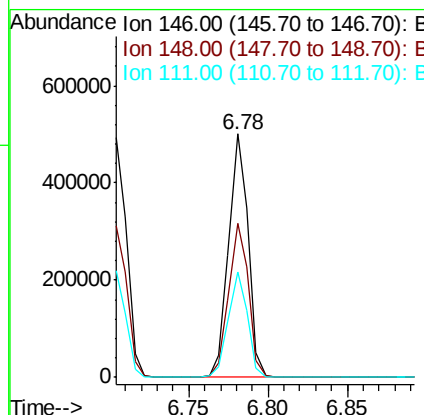
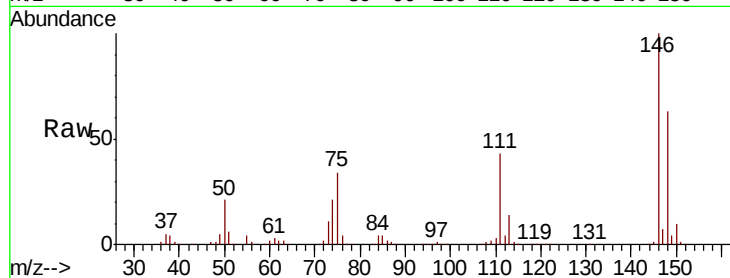
ClientSampleId :

PB132087BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.1	75.1
111	43.4	34.6	52.0

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#14

1,2-Dichlorobenzene

Concen: 37.956 ng

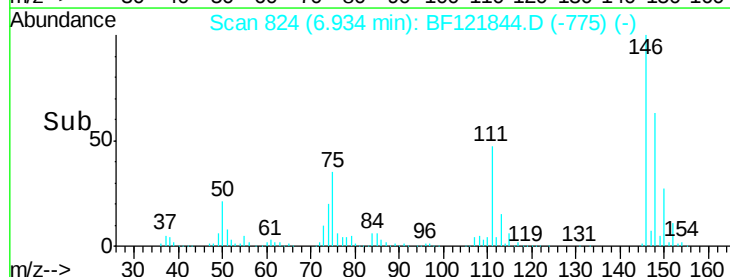
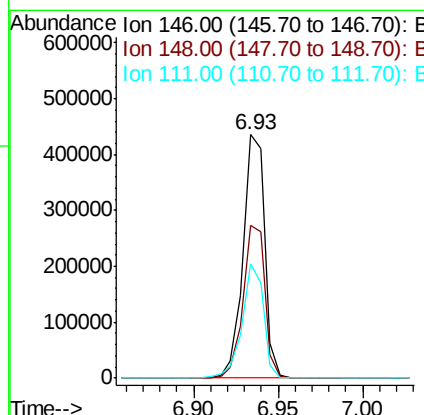
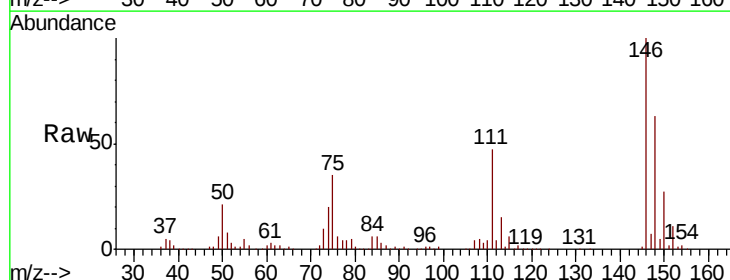
RT: 6.93 min Scan# 824

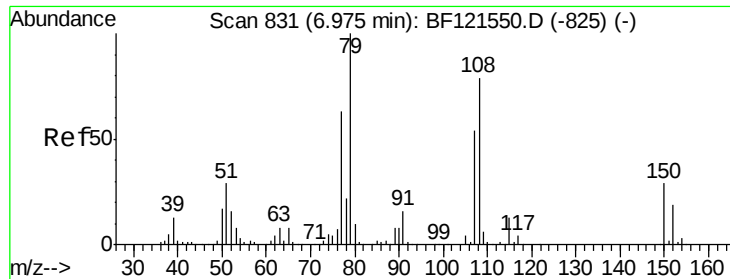
Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	47.0	34.2	51.4





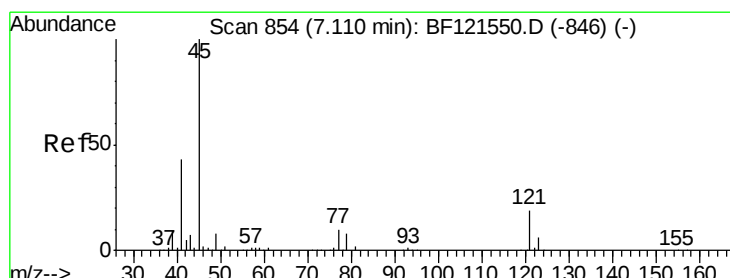
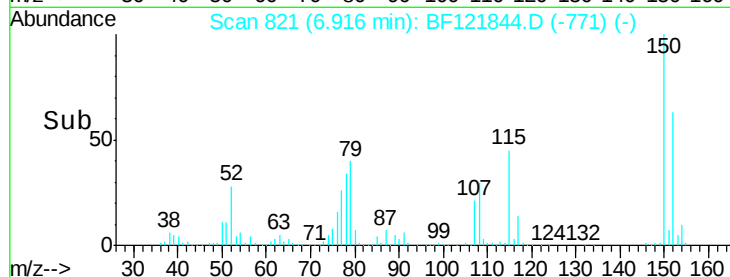
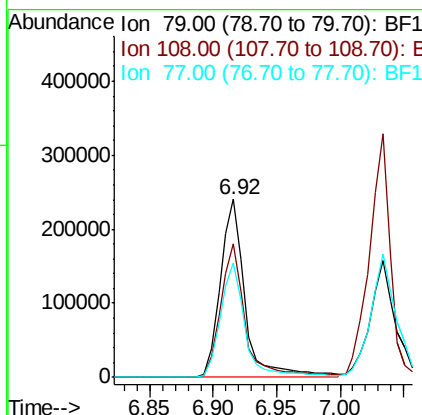
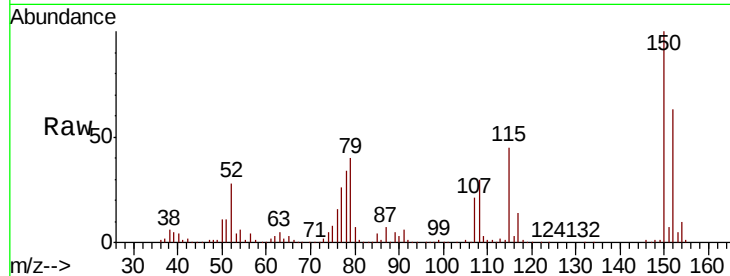
#15
Benzyl Alcohol
Concen: 37.697 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleID :
PB132087BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.9	62.3	93.5
77	64.3	50.6	75.8

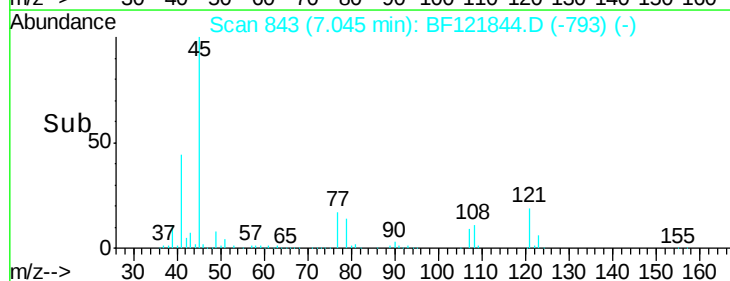
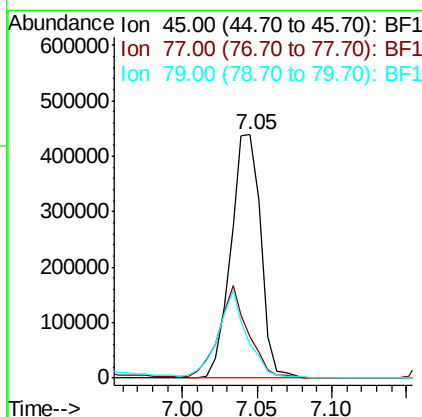
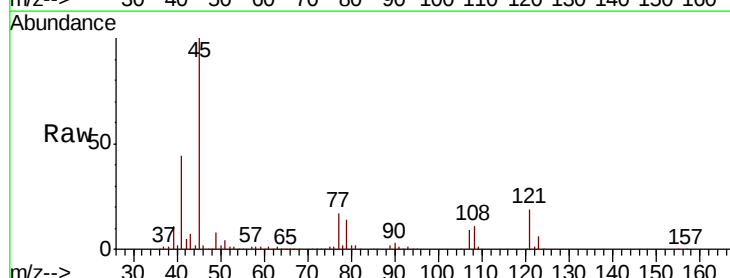
Manual Integrations
APPROVED

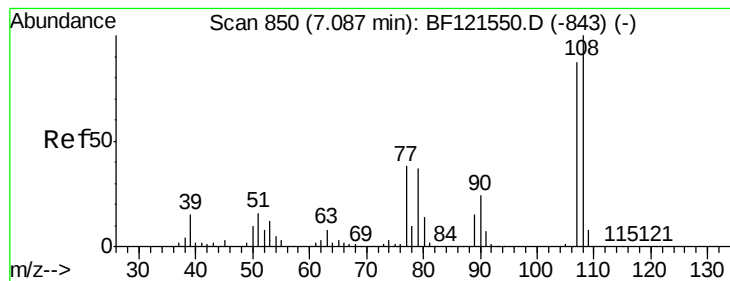
mohammad
10/7/2020 10:40:34 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.321 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	33.3
79	14.1	0.0	30.4





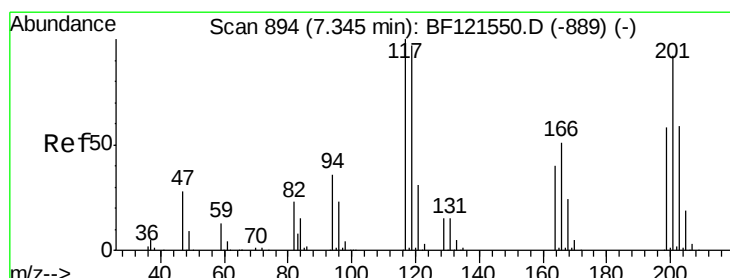
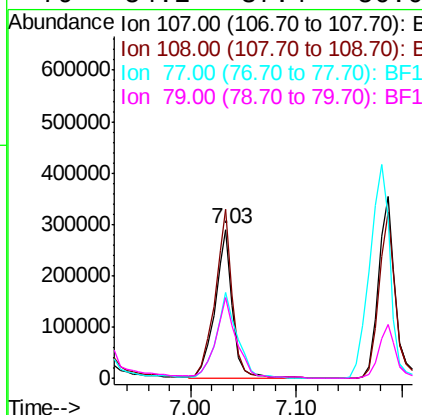
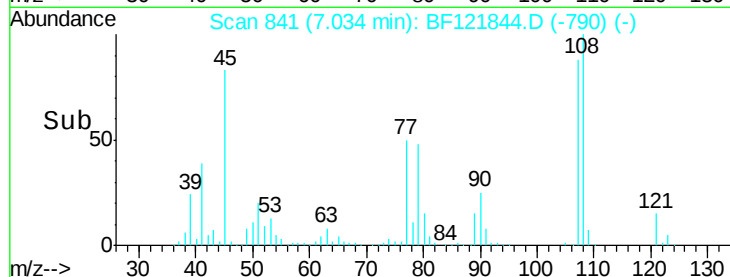
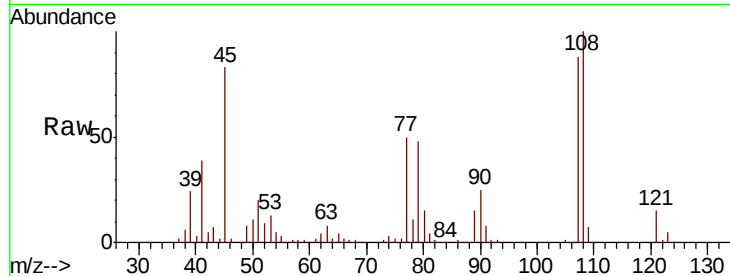
#17
2-Methylphenol
Concen: 39.795 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	90.9	136.3	
77	57.3	37.5	56.3	
79	54.2	37.4	56.0	

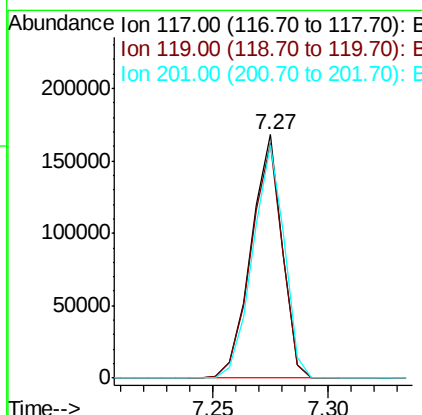
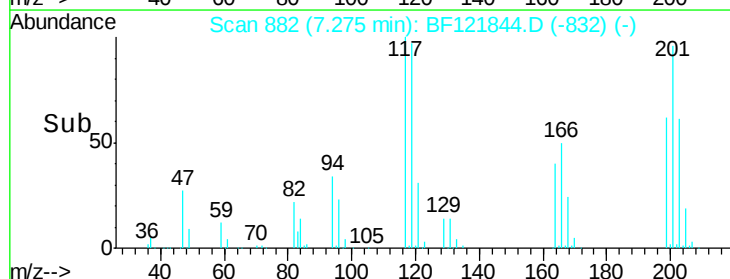
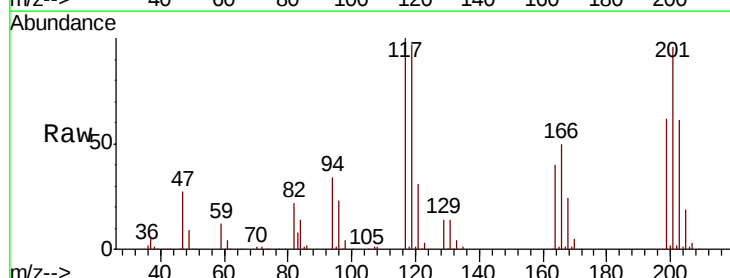
Manual Integrations
APPROVED

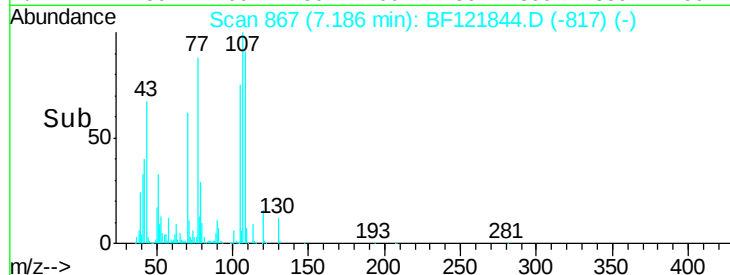
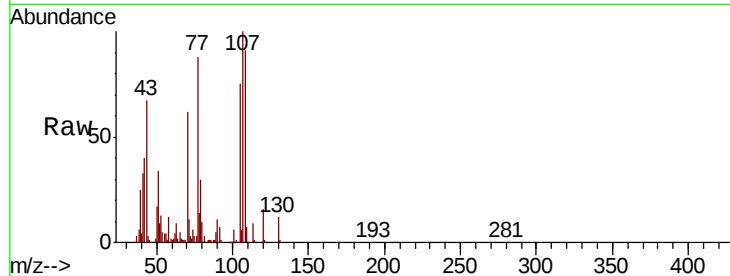
mohammad
10/7/2020 10:40:34 AM



#18
Hexachloroethane
Concen: 39.616 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.3	114.5	
201	95.7	71.8	107.6	





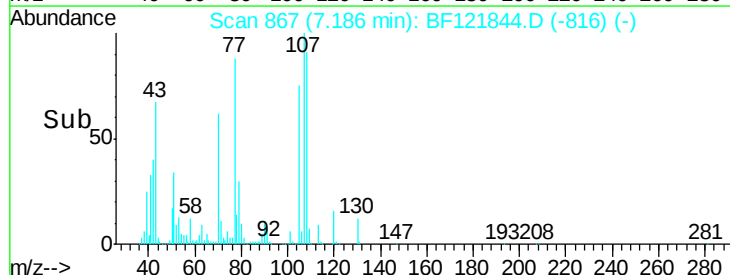
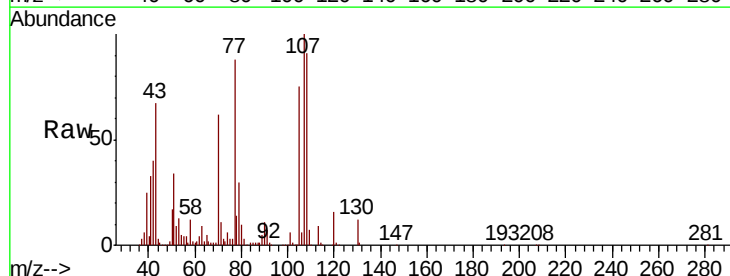
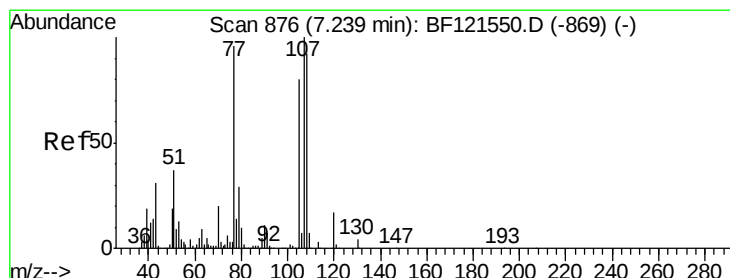
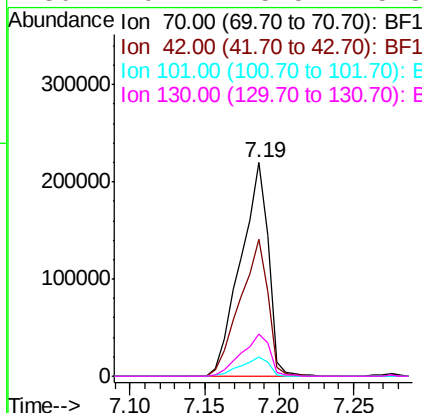
#19
n-Nitroso-di-n-propylamine
Concen: 38.744 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.9	50.2	75.4
101	9.3	7.5	11.3
130	19.7	15.5	23.3

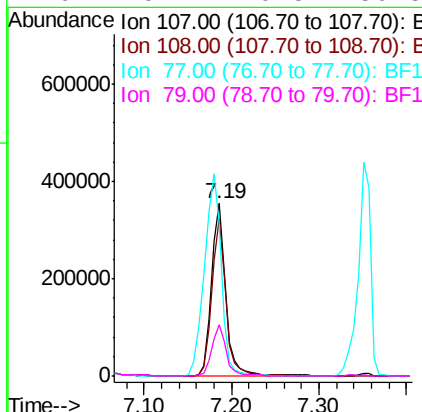
Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#20
3+4-Methylphenols
Concen: 39.467 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.9	108.9
77	88.5	108.0	148.0#
79	29.7	10.5	50.5





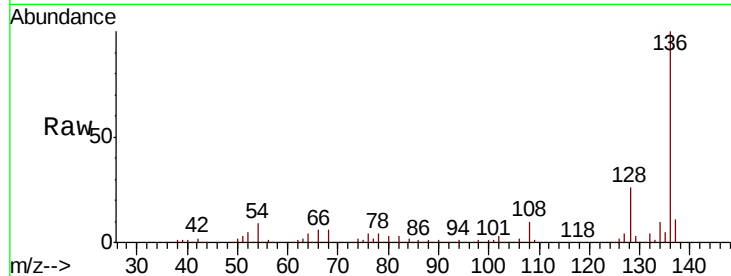
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	571239		
137	11.0		8.6	13.0
54	8.7		7.1	10.7
68	6.2		5.0	7.4

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



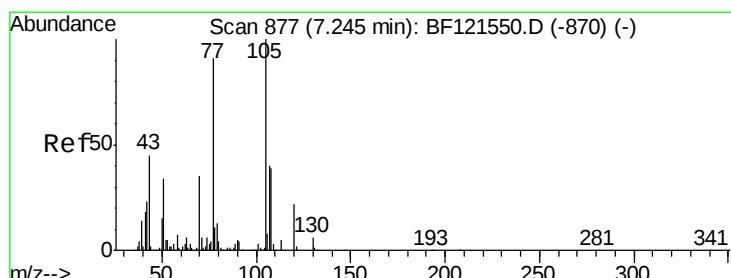
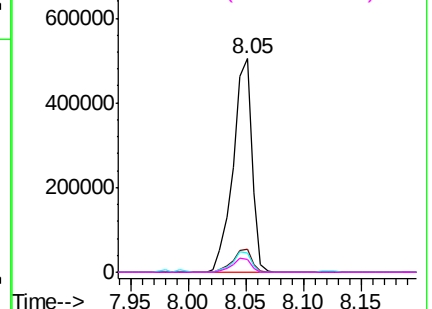
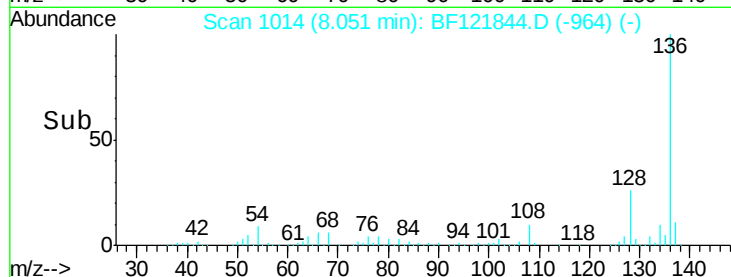
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

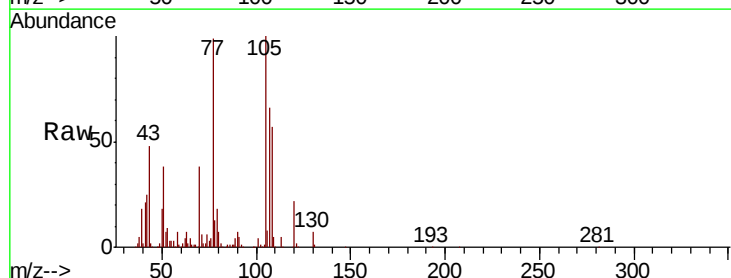
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.143 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	552827		
71	6.4		5.3	7.9
51	38.3		33.2	49.8
120	21.7		17.4	26.0



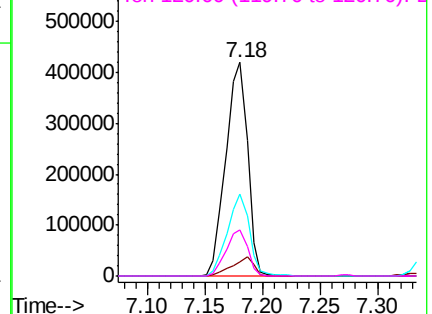
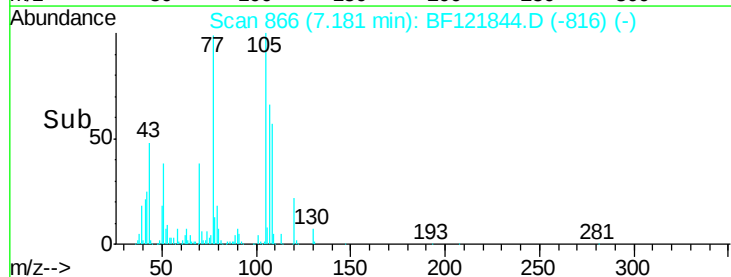
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





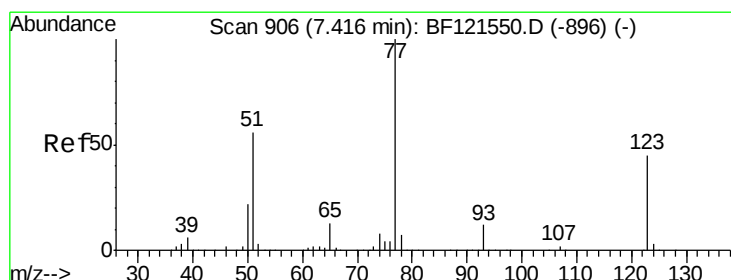
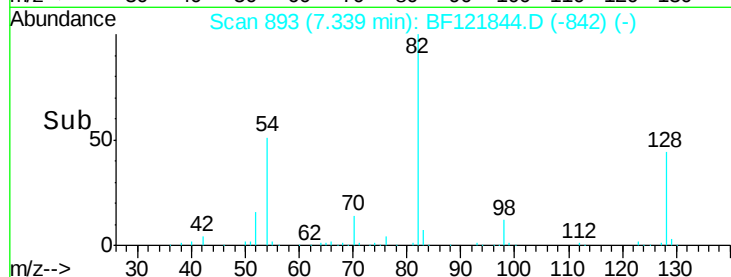
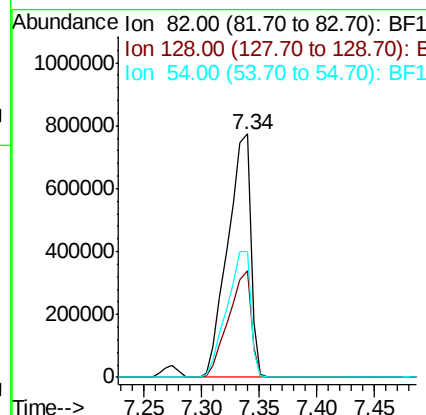
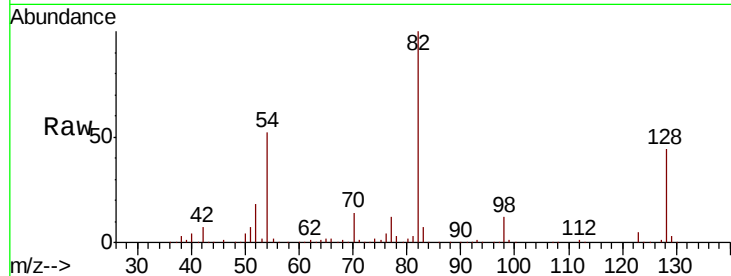
#23
Nitrobenzene-d5
Concen: 100.969 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion: 82 Resp: 1074230
Ion Ratio Lower Upper
82 100
128 44.0 35.0 52.4
54 51.9 43.9 65.9

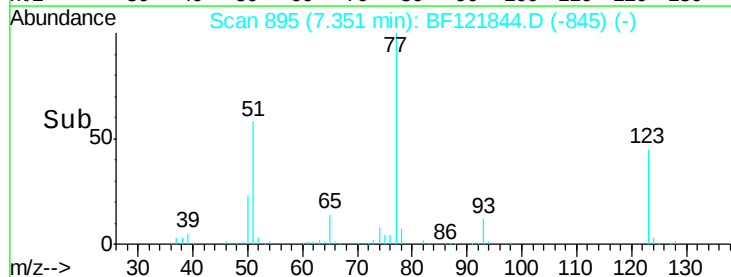
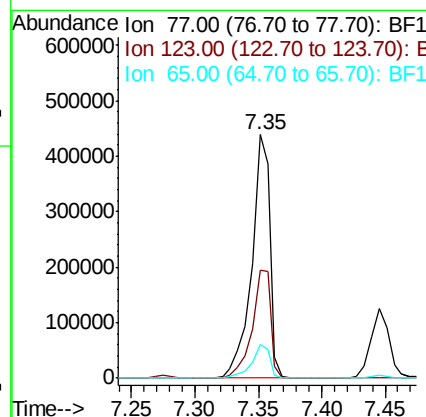
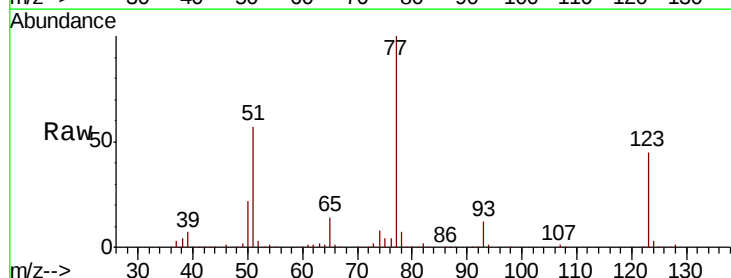
Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#24
Nitrobenzene
Concen: 37.970 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion: 77 Resp: 436915
Ion Ratio Lower Upper
77 100
123 44.6 35.6 53.4
65 13.9 11.2 16.8





#25

Isophorone

Concen: 37.234 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

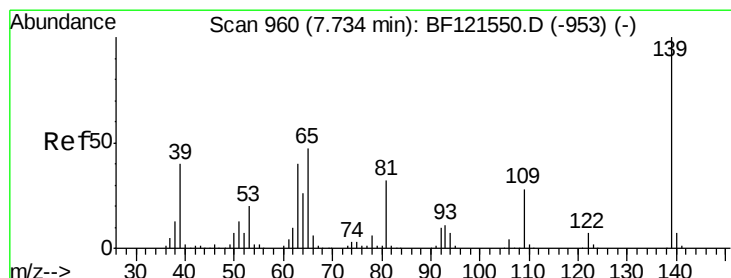
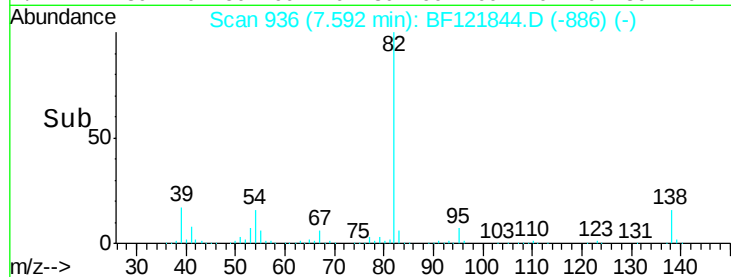
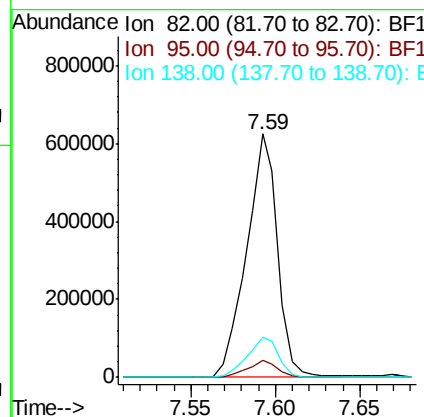
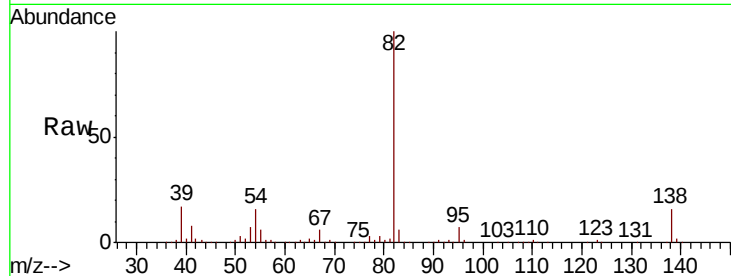
ClientSampleId :

PB132087BS

Tot Ion	82	Resp	797438
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	16.4	13.4	20.0

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#26

2-Nitrophenol

Concen: 40.254 ng

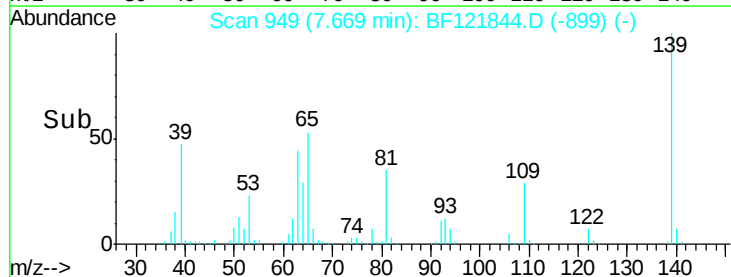
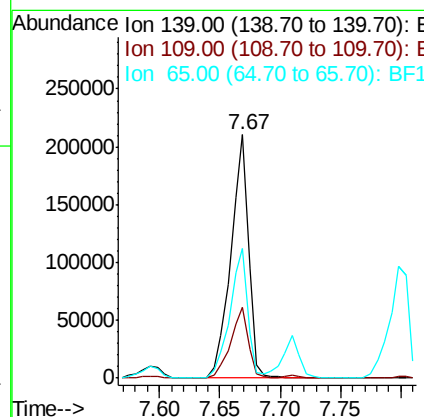
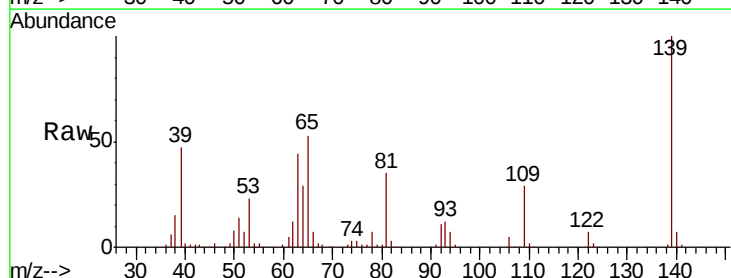
RT: 7.67 min Scan# 949

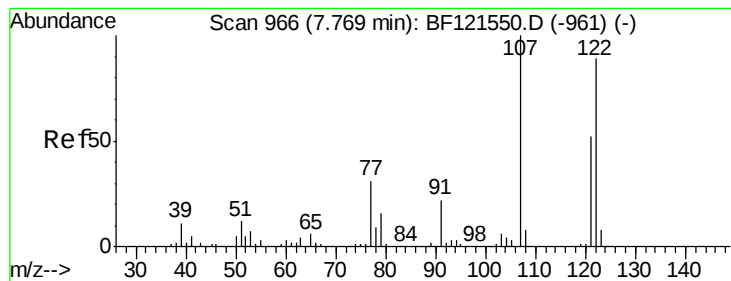
Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Tgt Ion	139	Resp	215700
Ion Ratio	Lower	Upper	
139	100		
109	29.2	23.0	34.4
65	53.1	39.9	59.9





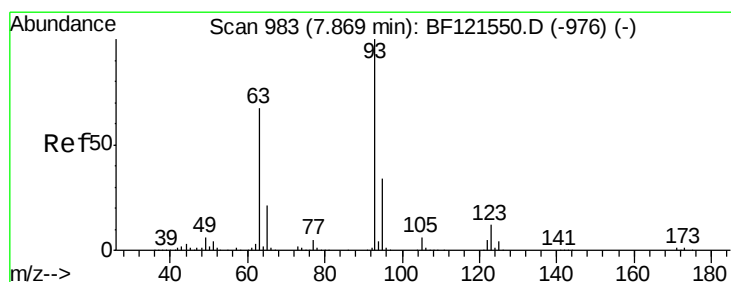
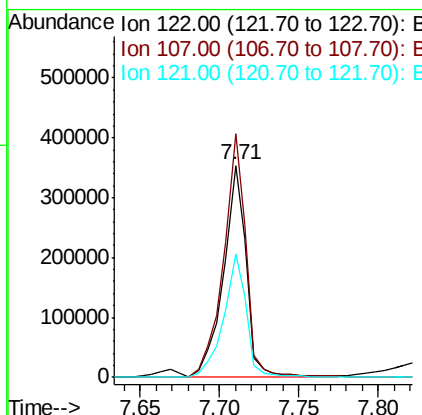
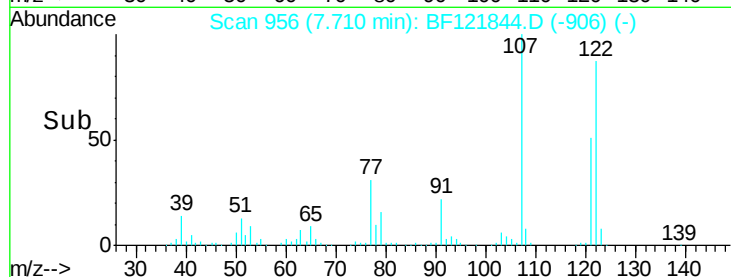
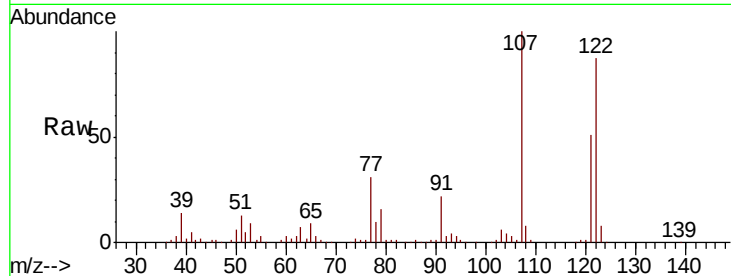
#27
2,4-Dimethylphenol
Concen: 36.779 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleID :
PB132087BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	351611		
107	114.9	90.8	136.2	
121	58.0	47.5	71.3	

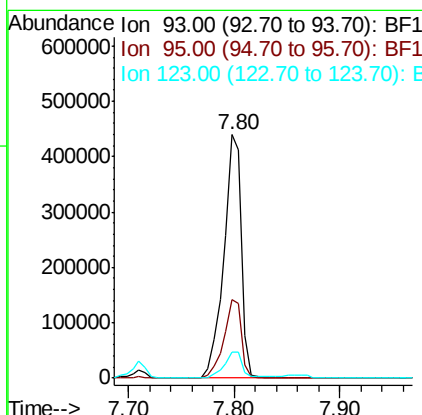
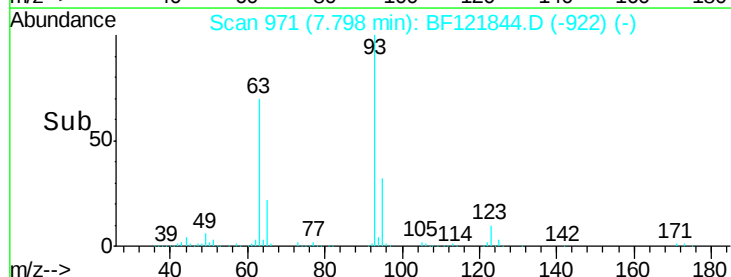
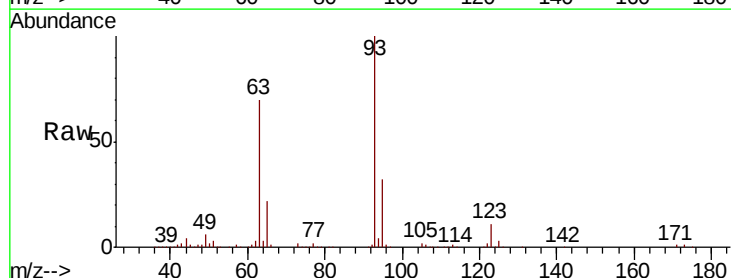
Manual Integrations
APPROVED

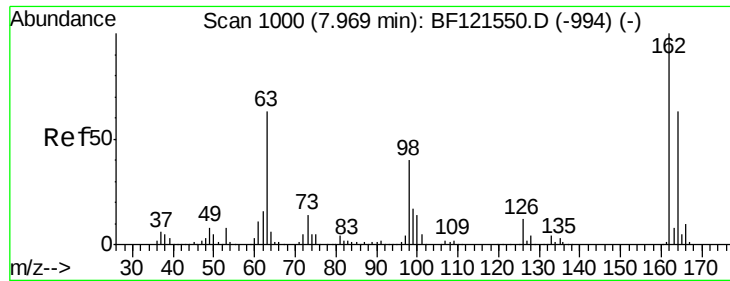
mohammad
10/7/2020 10:40:34 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.184 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	506270		
95	32.5	26.2	39.4	
123	10.5	8.8	13.2	





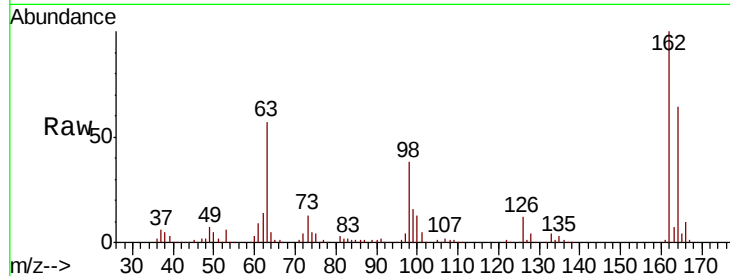
#29
2,4-Dichlorophenol
Concen: 38.477 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

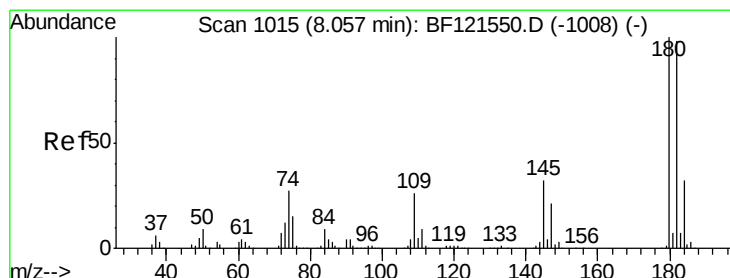
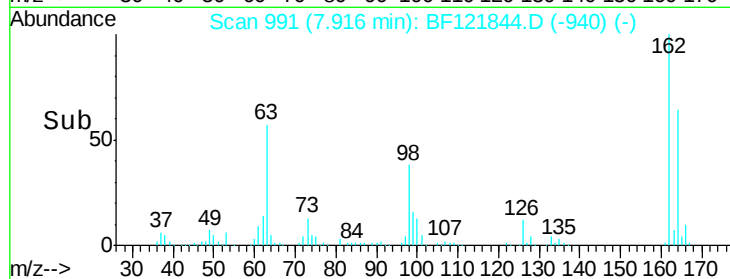
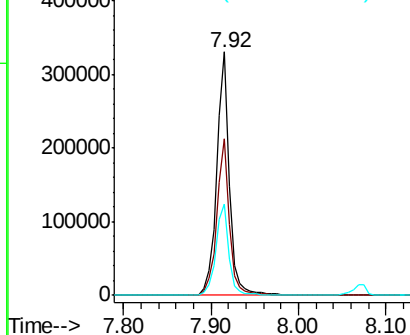
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	42.5	82.5
98	37.6	20.1	60.1

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM

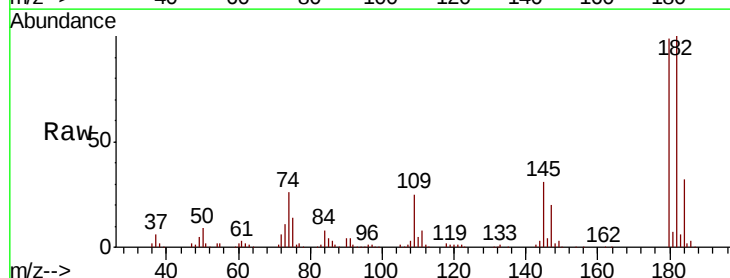


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

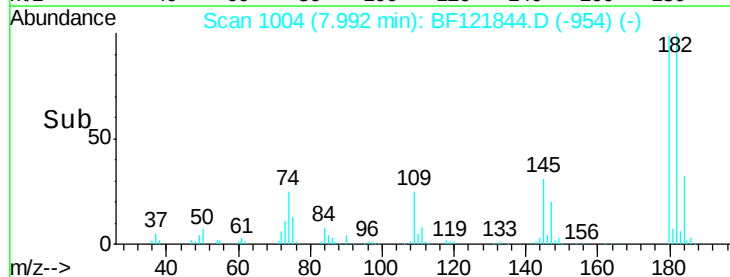
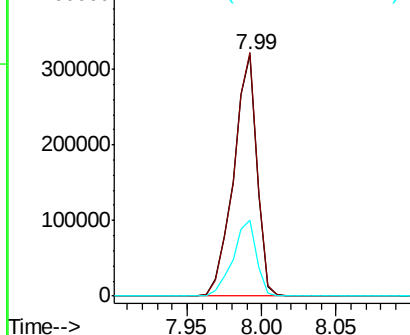


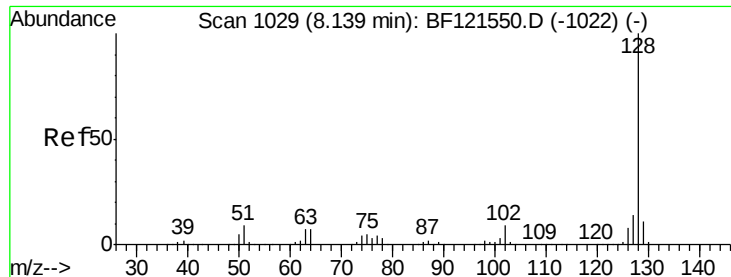
#30
1,2,4-Trichlorobenzene
Concen: 38.096 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	100.9	79.4	119.2
145	31.7	25.5	38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





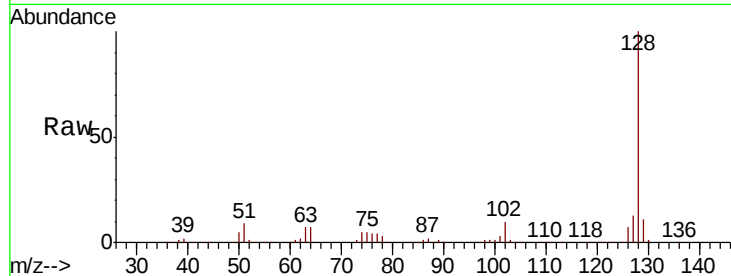
#31
Naphthalene
Concen: 37.691 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

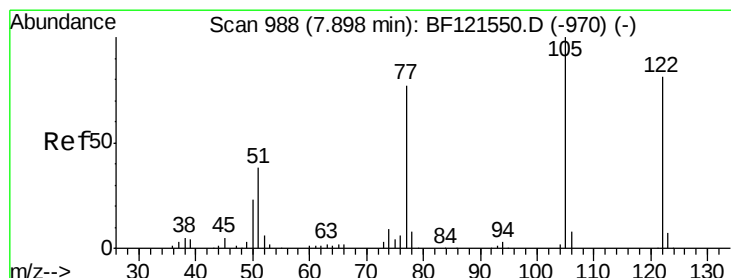
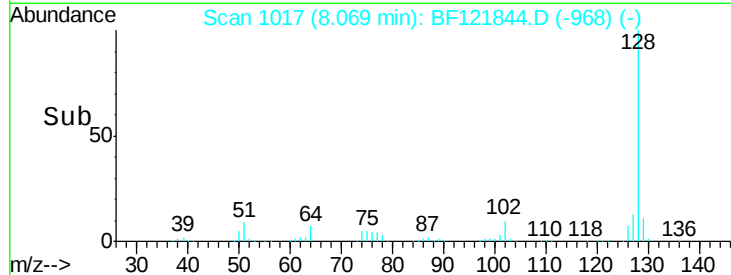
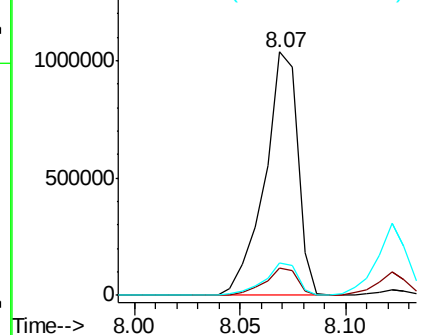
Tot Ion:128 Resp: 1136578
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.8 16.2

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM

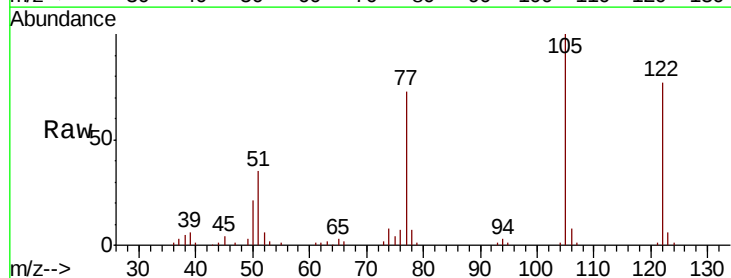


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

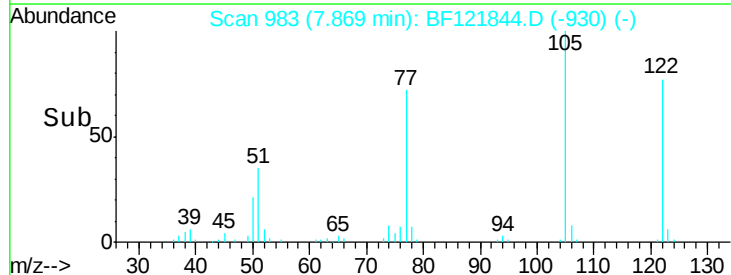
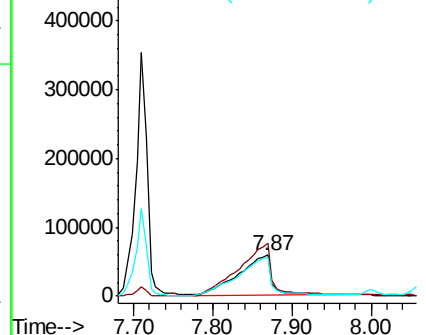


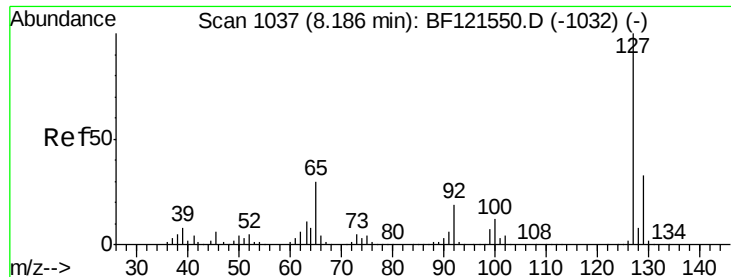
#32
Benzoic acid
Concen: 27.621 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:122 Resp: 172465
Ion Ratio Lower Upper
122 100
105 129.4 103.3 143.3
77 94.1 73.9 113.9



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





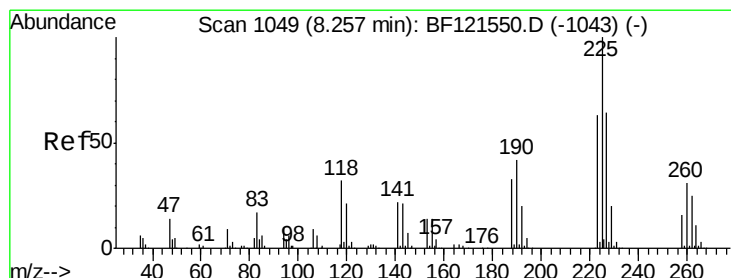
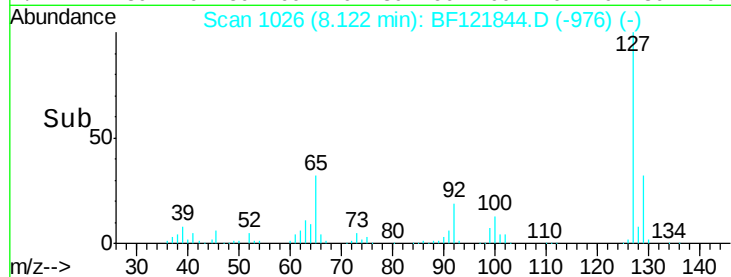
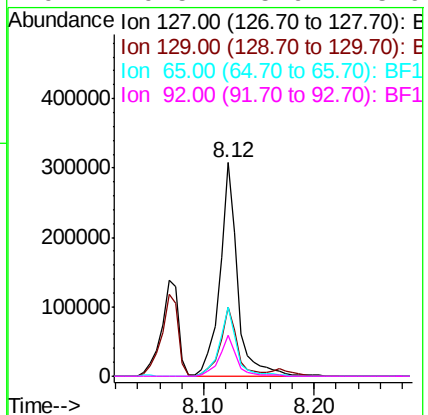
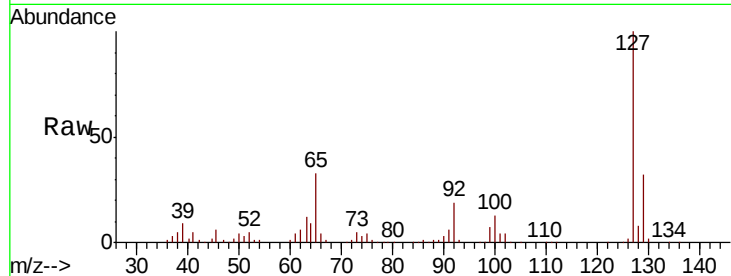
#33
4-Chloroaniline
Concen: 25.989 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		339716		
129	32.4	26.3	39.5		
65	32.7	26.2	39.2		
92	19.5	15.9	23.9		

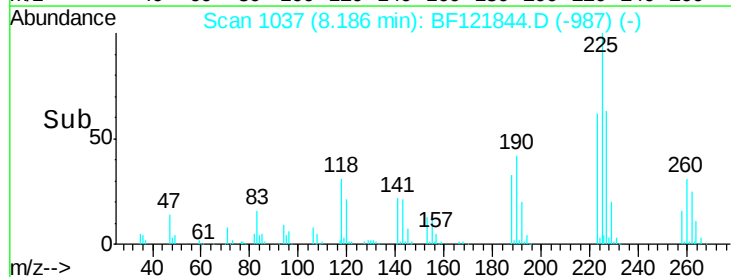
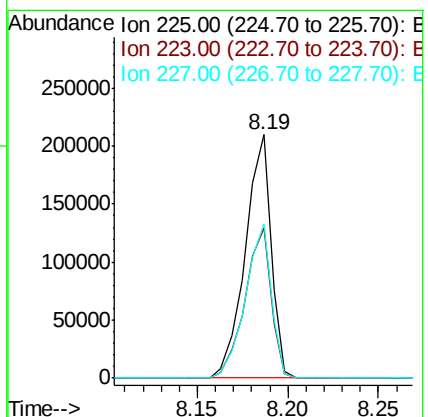
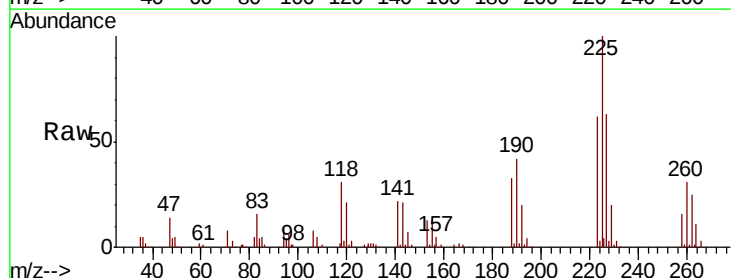
Manual Integrations
APPROVED

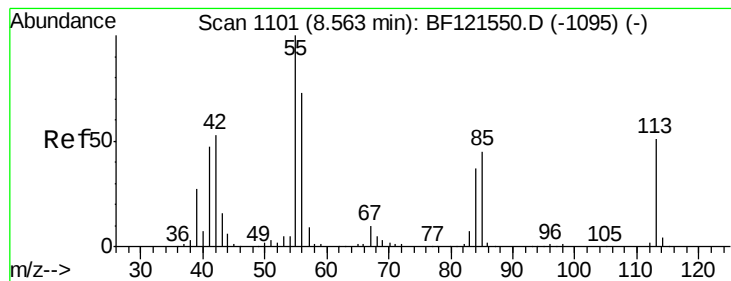
mohammad
10/7/2020 10:40:34 AM



#34
Hexachlorobutadiene
Concen: 38.720 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		208422		
223	61.8	51.1	76.7		
227	63.4	51.0	76.6		





#35

Caprolactam

Concen: 37.517 ng/mL

RT: 8.51 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

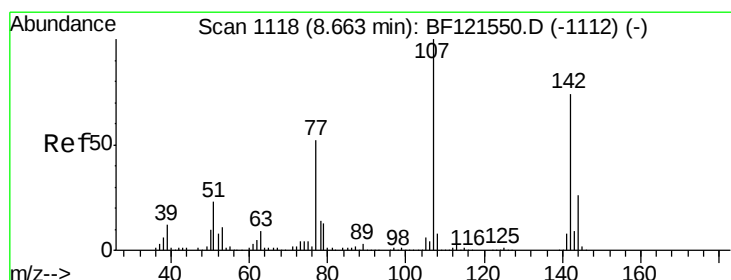
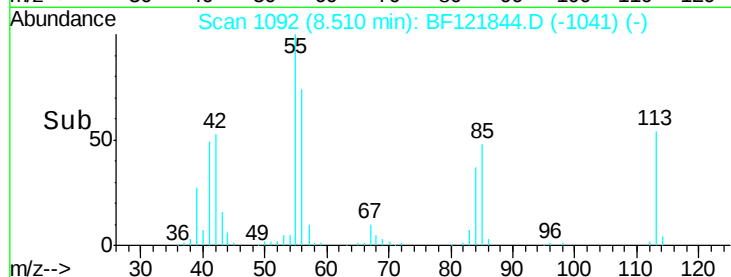
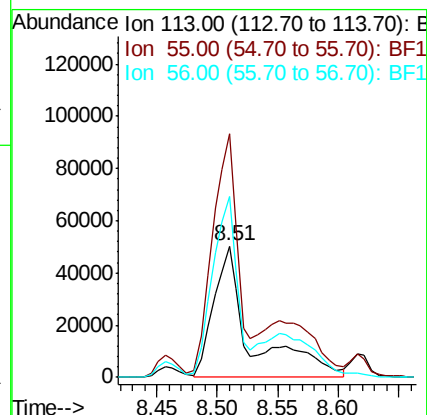
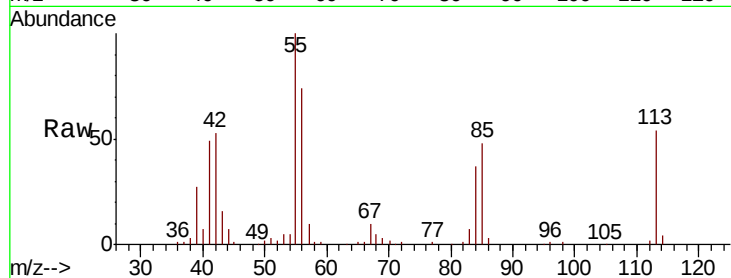
ClientSampleID :

PB132087BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.4	167.5	207.5
56	137.9	121.2	161.2

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#36

4-Chloro-3-methylphenol

Concen: 38.235 ng/mL

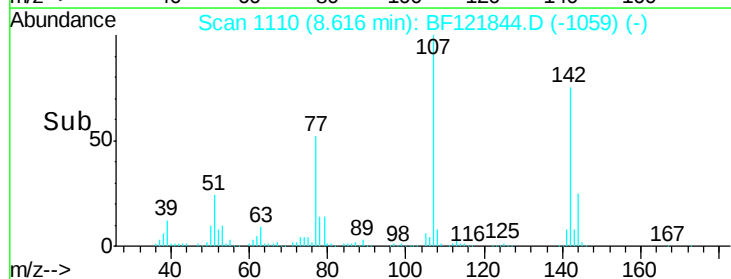
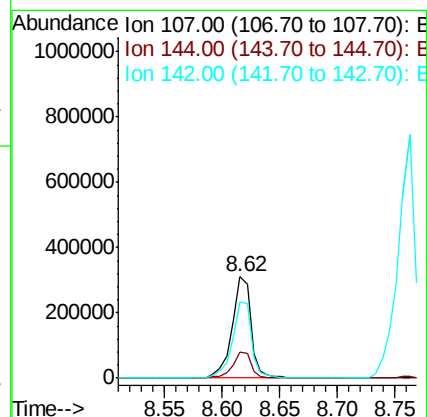
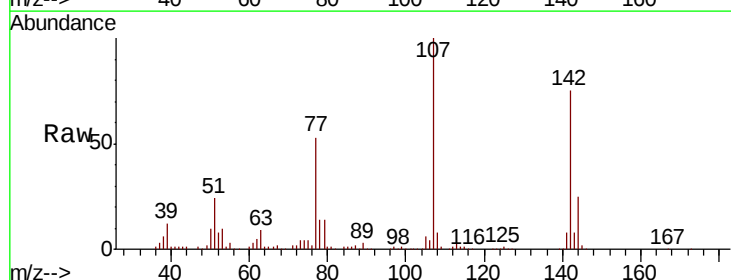
RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.1	30.1
142	74.9	59.3	88.9





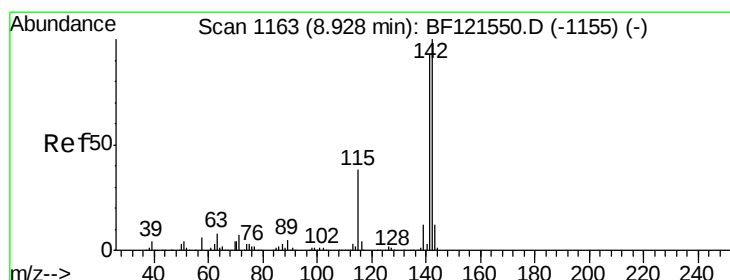
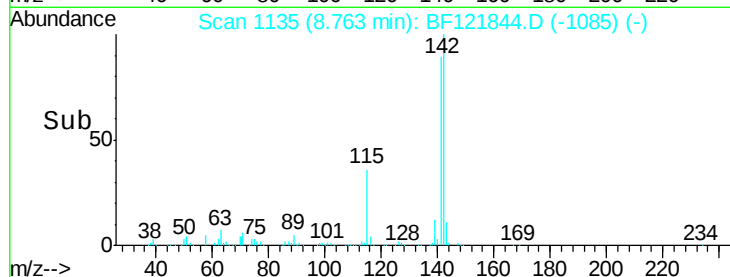
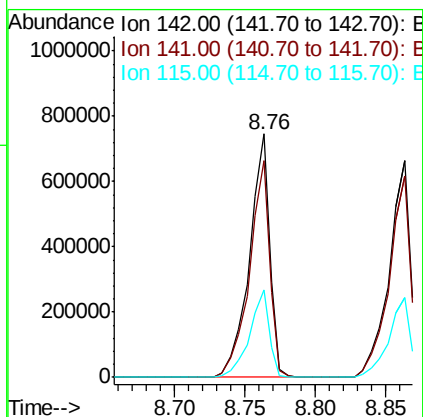
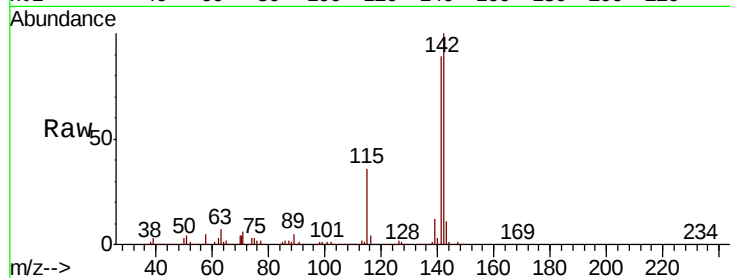
#37
2-Methylnaphthalene
Concen: 38.184 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.2	105.4
115	36.0	28.6	43.0

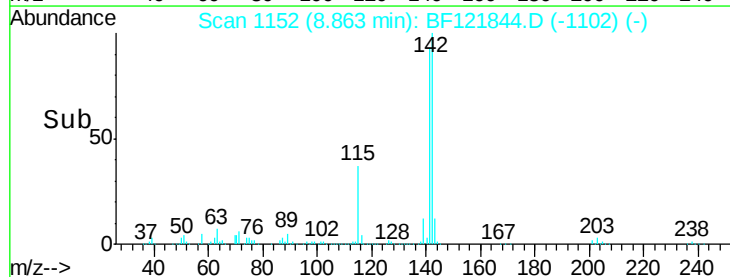
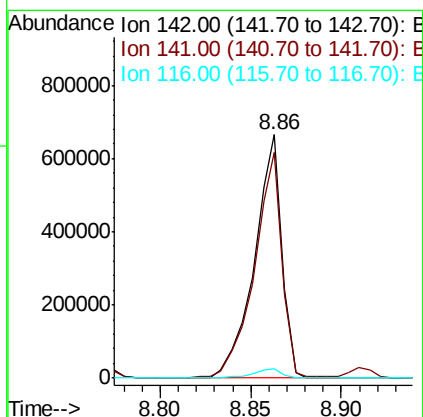
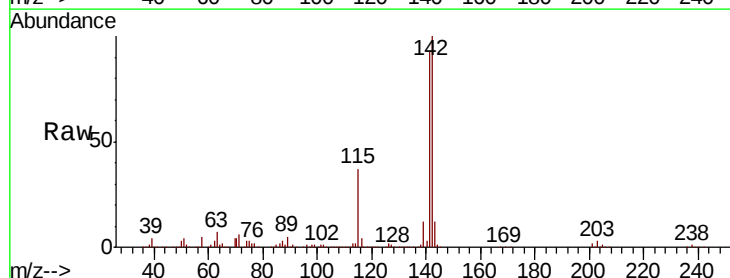
Manual Integrations
APPROVED

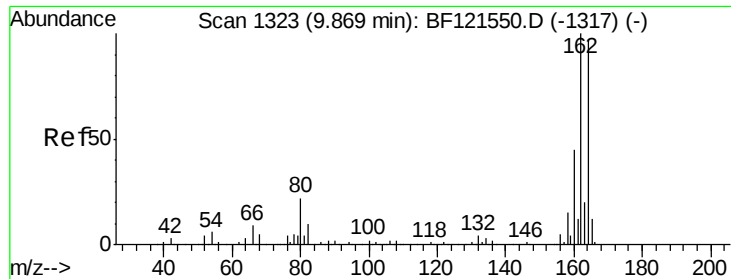
mohammad
10/7/2020 10:40:34 AM



#38
1-Methylnaphthalene
Concen: 37.953 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.5	111.7
116	3.8	3.2	4.8





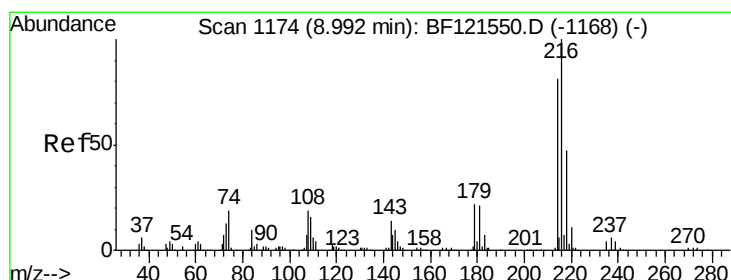
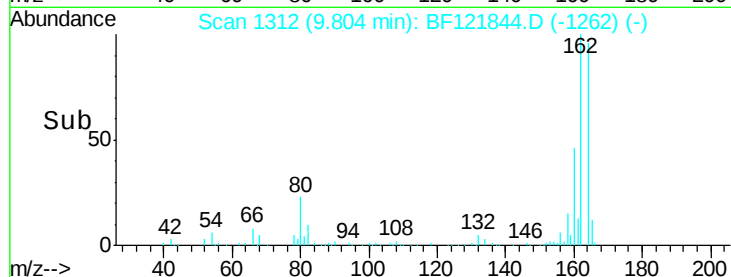
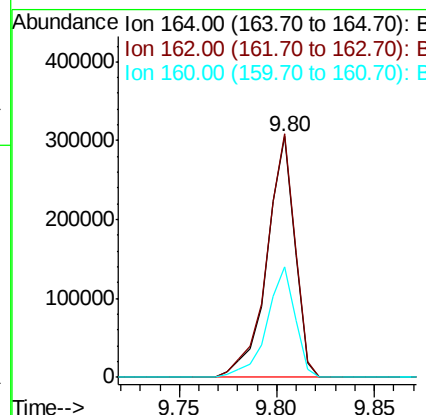
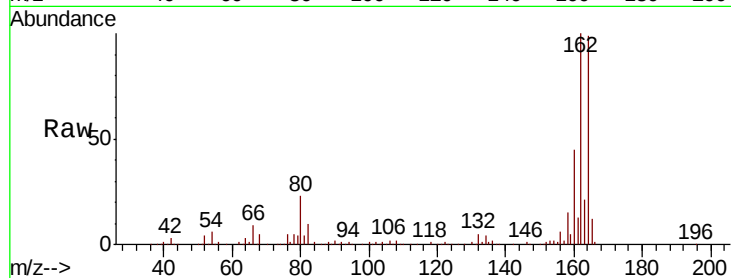
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	83.2	124.8	
160	46.0	37.5	56.3	

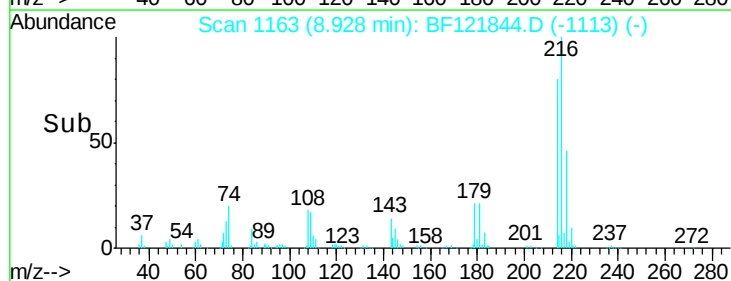
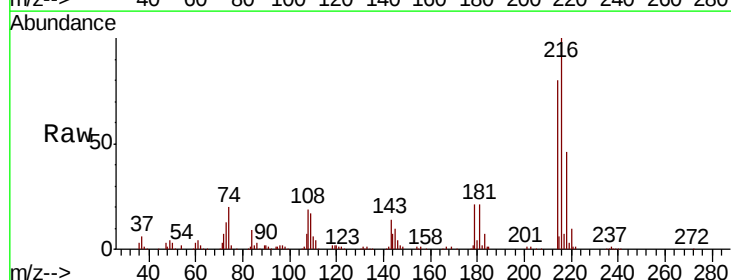
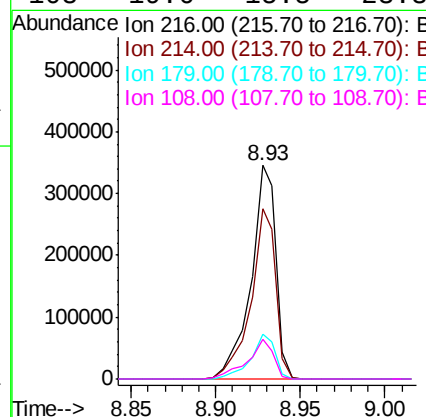
Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:40:34 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.946 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.4	95.2	
179	20.4	17.0	25.6	
108	19.6	15.5	23.3	





#41

Hexachlorocyclopentadiene

Concen: 40.094 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

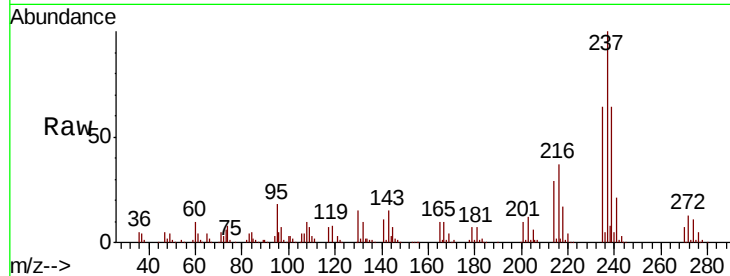
ClientSampleId :

PB132087BS

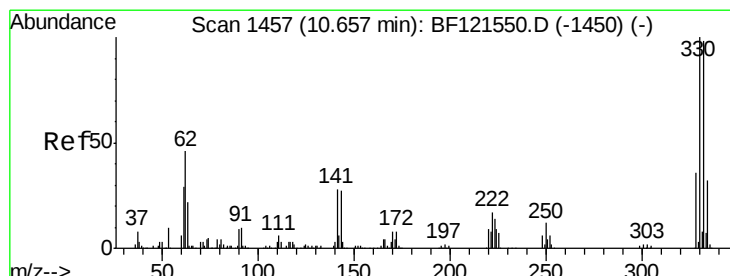
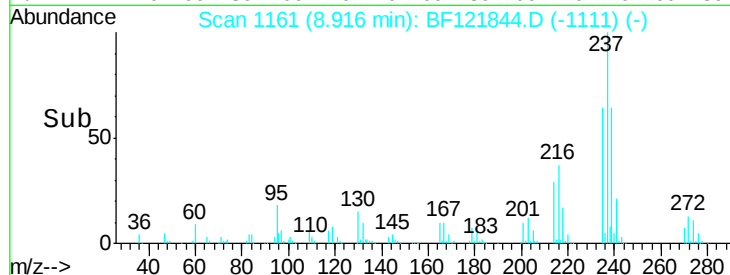
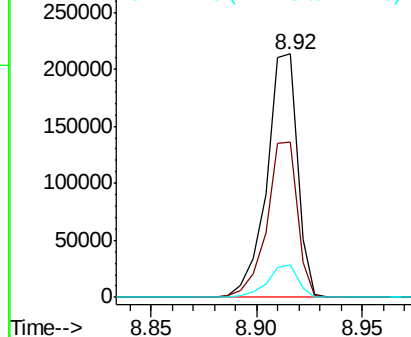
Tot Ion:	237	Resp:	216370
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.8	81.8
272	13.5	0.0	33.5

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 97.775 ng

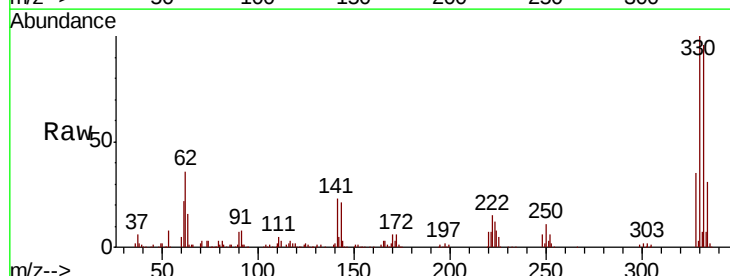
RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

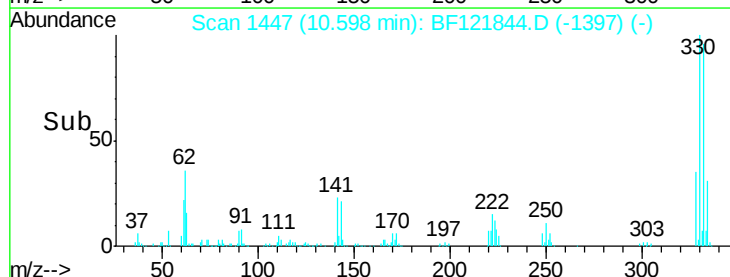
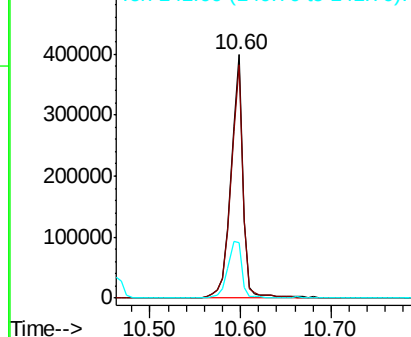
Lab File: BF121844.D

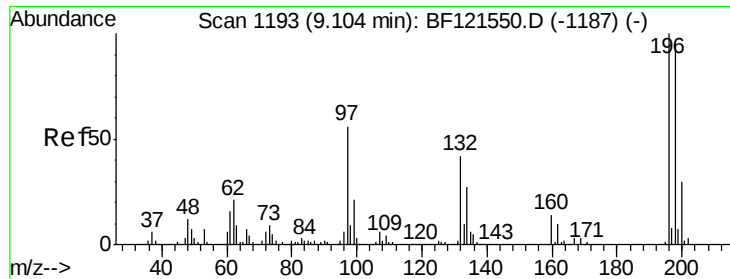
Acq: 6 Oct 2020 10:35

Tgt Ion:	330	Resp:	367634
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.3	115.9
141	27.7	22.3	33.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





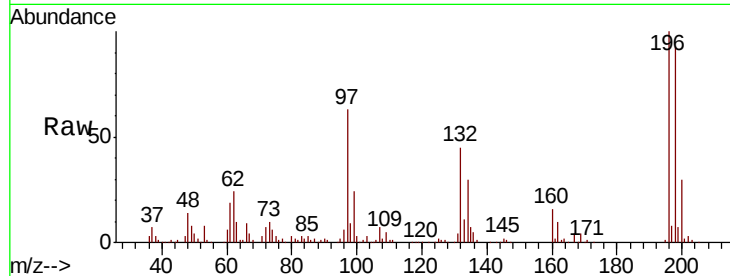
#43
 2,4,6-Trichlorophenol
 Concen: 35.857 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230961		
198	93.2	75.8	113.6	
200	29.9	24.6	36.8	

Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:40:34 AM

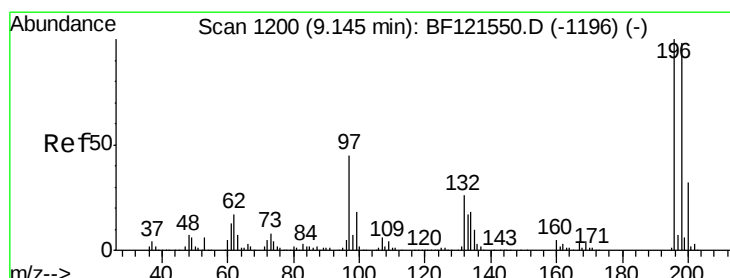
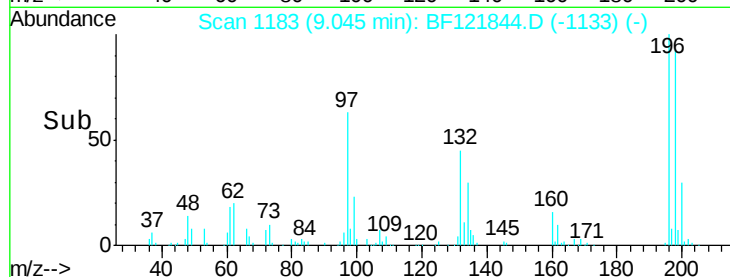
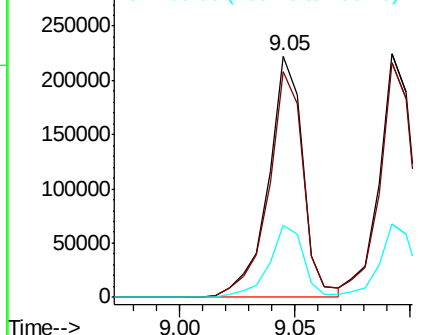


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.084 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238903		
198	96.4	76.1	114.1	
97	54.5	41.0	61.6	
132	29.7	22.4	33.6	

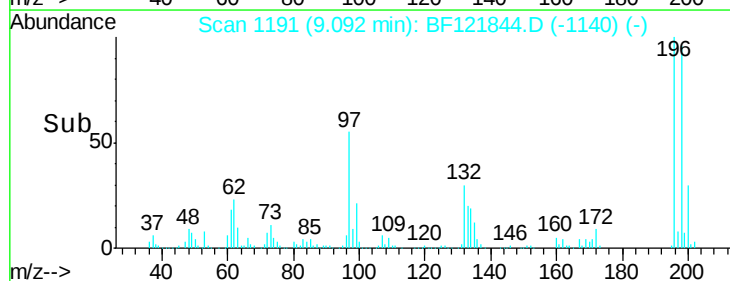
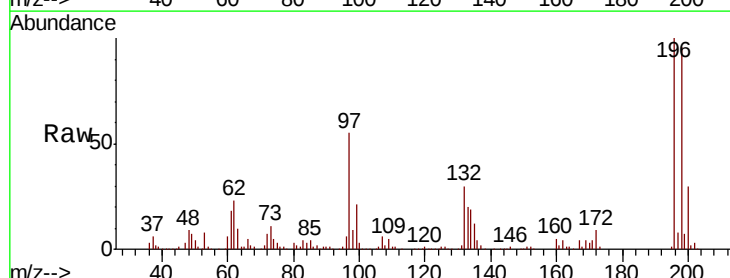
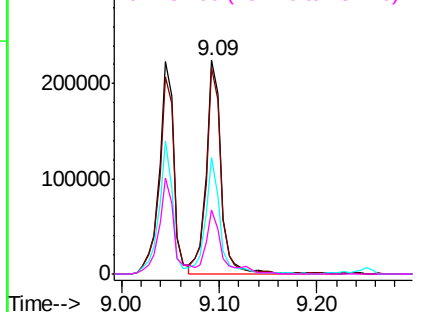
Abundance

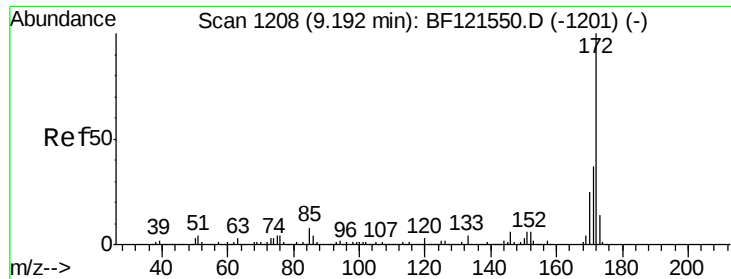
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





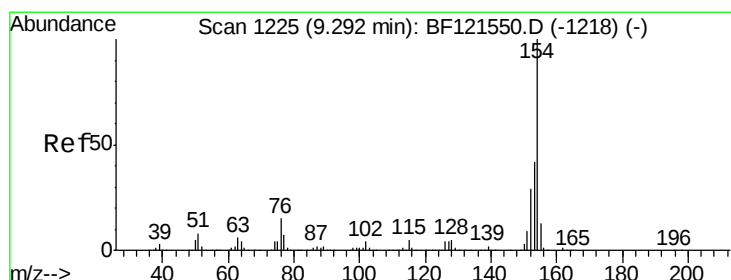
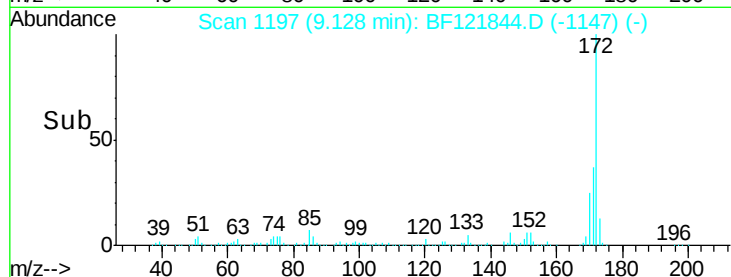
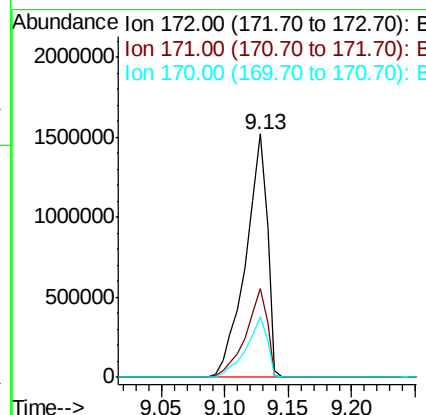
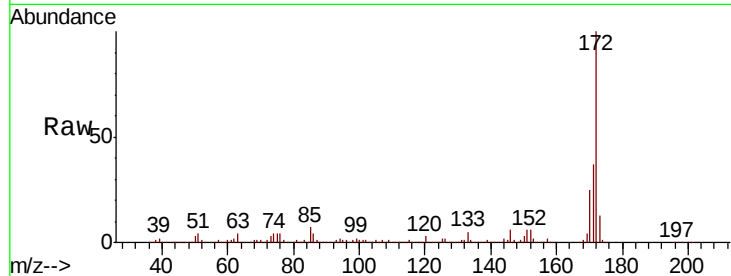
#45
2-Fluorobiphenyl
Concen: 90.430 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.7	19.8	29.6

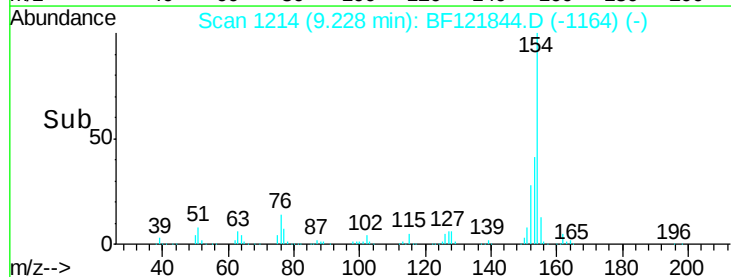
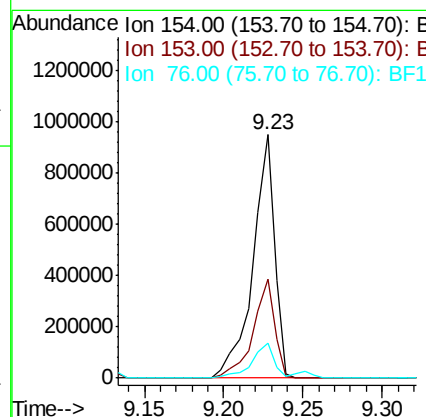
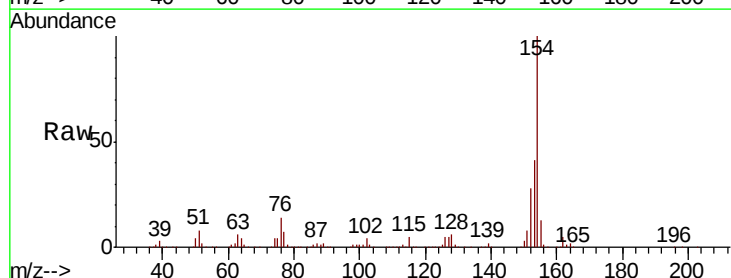
Manual Integrations
APPROVED

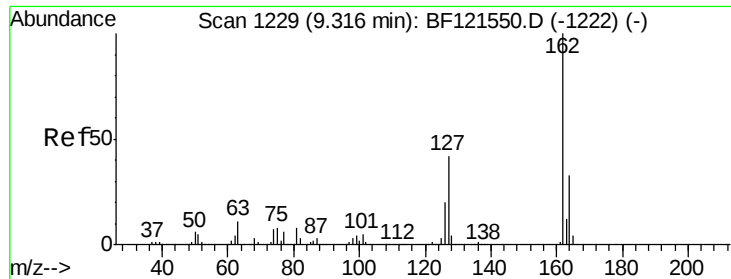
mohammad
10/7/2020 10:40:34 AM



#46
1,1'-Biphenyl
Concen: 37.118 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	14.2	0.0	34.7





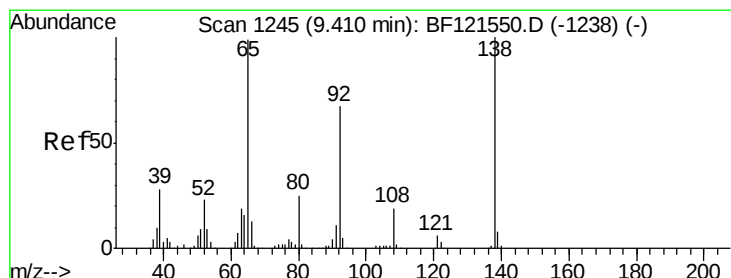
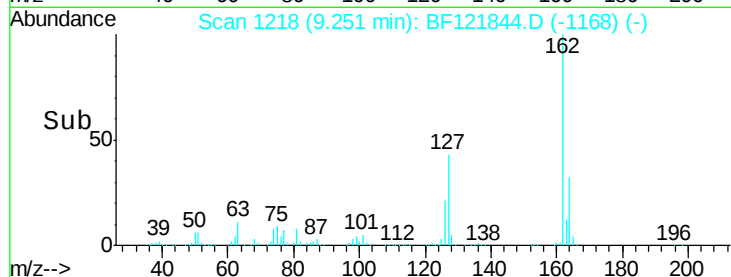
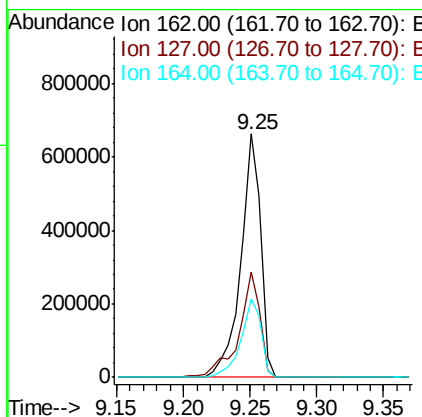
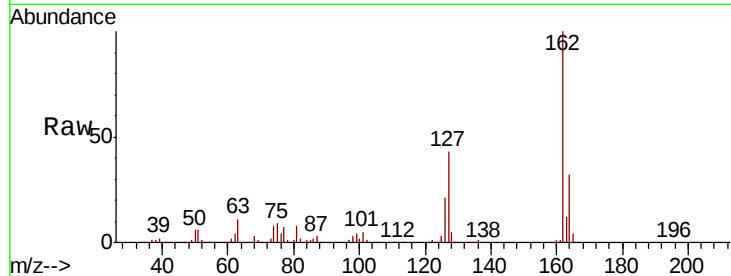
#47
 2-Chloronaphthalene
 Concen: 35.791 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	683082		
127	43.2		34.4	51.6
164	32.5		26.3	39.5

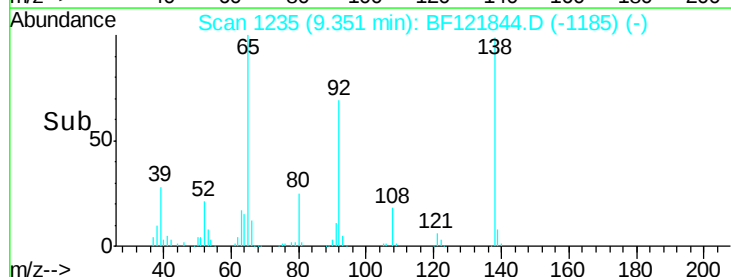
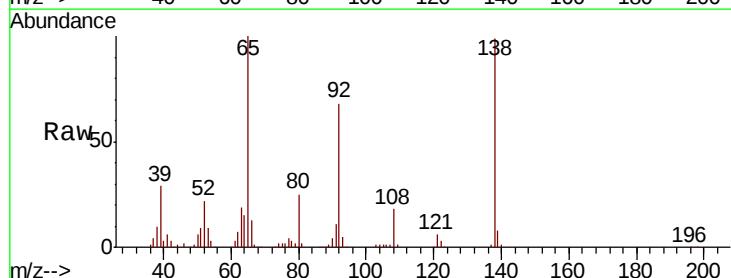
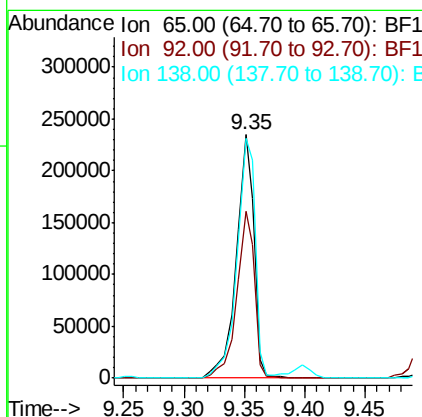
Manual Integrations
 APPROVED

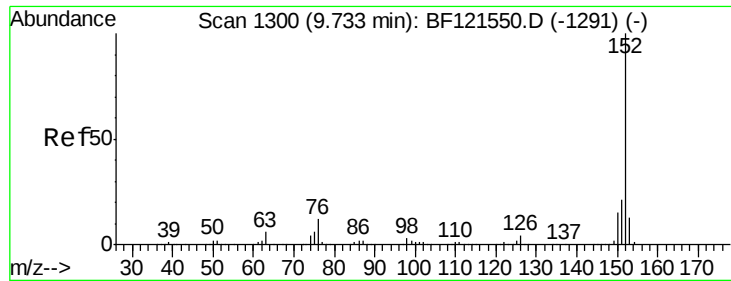
mohammad
 10/7/2020 10:40:34 AM



#48
 2-Nitroaniline
 Concen: 40.498 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	240184		
92	68.4		55.1	82.7
138	98.7		80.5	120.7





#49

Acenaphthylene

Concen: 36.780 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

Tot Ion:152 Resp: 1078537

Ion Ratio Lower Upper

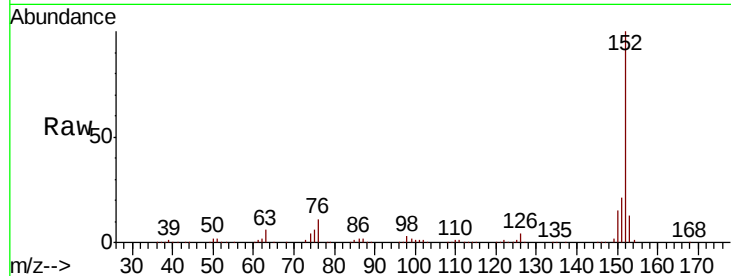
152 100

151 20.7 16.4 24.6

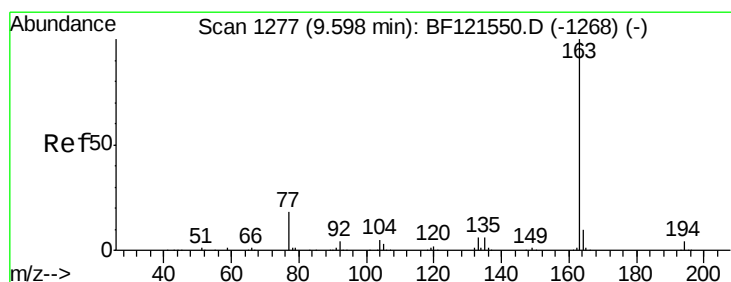
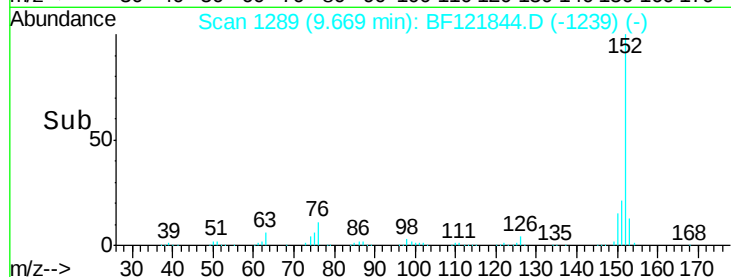
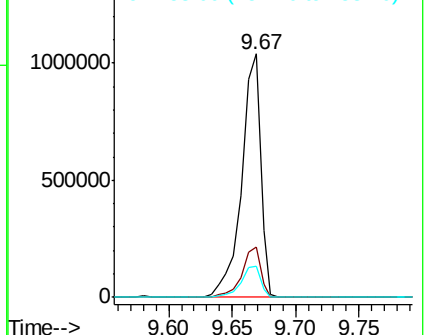
153 13.0 10.6 15.8

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.741 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

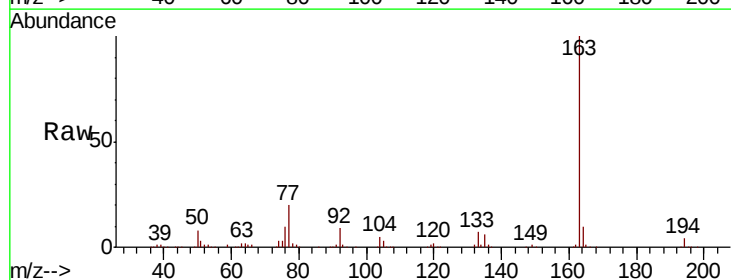
Tgt Ion:163 Resp: 827530

Ion Ratio Lower Upper

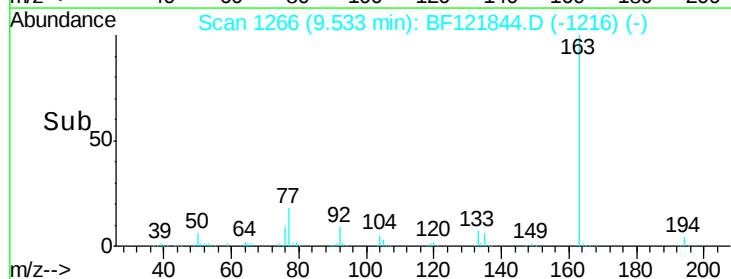
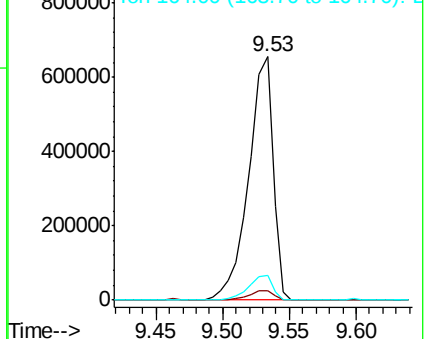
163 100

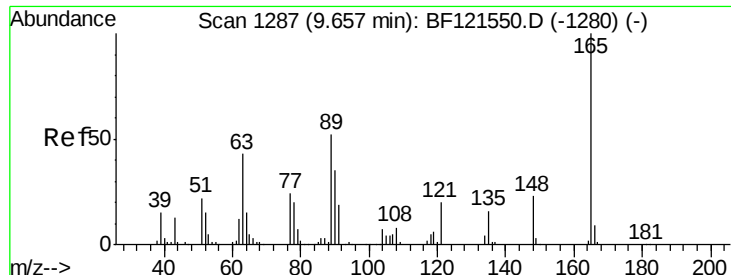
194 4.0 3.3 4.9

164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





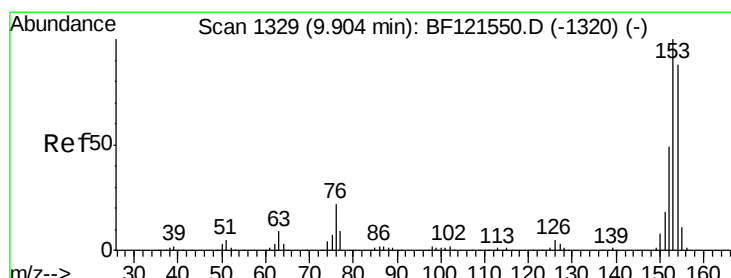
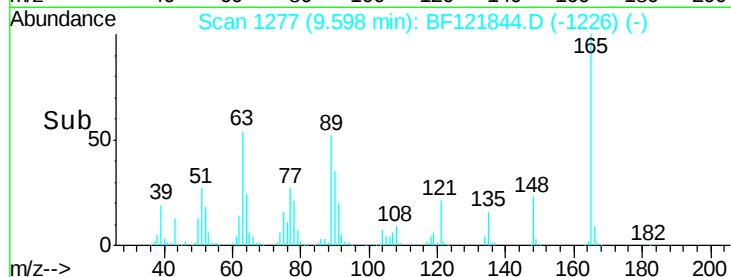
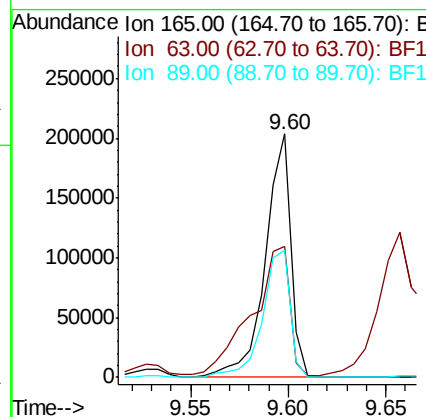
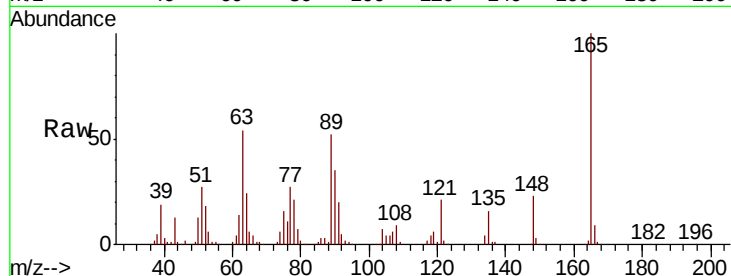
#51
 2,6-Dinitrotoluene
 Concen: 39.470 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184309		
63	53.6		51.8	77.6
89	52.3		49.0	73.6

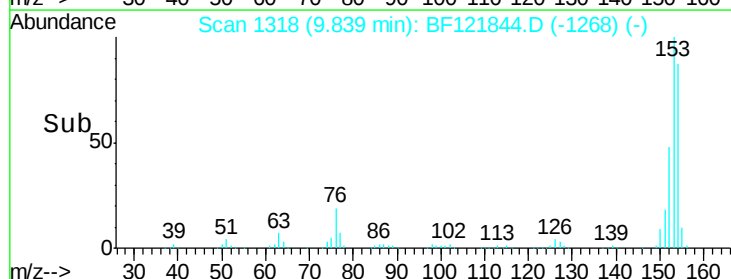
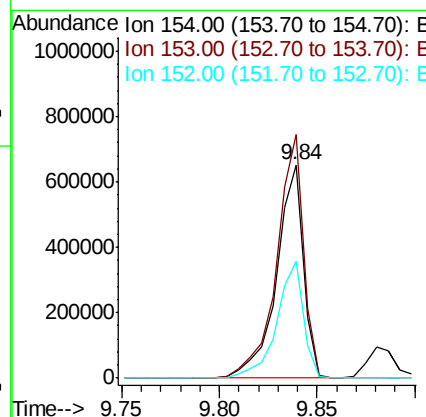
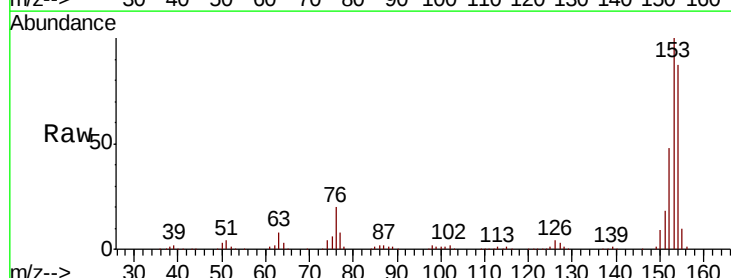
Manual Integrations
 APPROVED

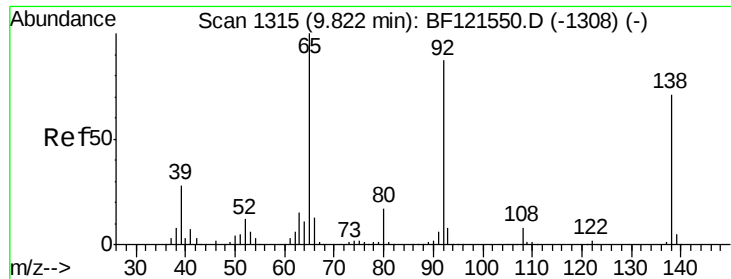
mohammad
 10/7/2020 10:40:34 AM



#52
 Acenaphthene
 Concen: 33.794 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	625912		
153	114.4		89.8	134.8
152	55.1		43.2	64.8





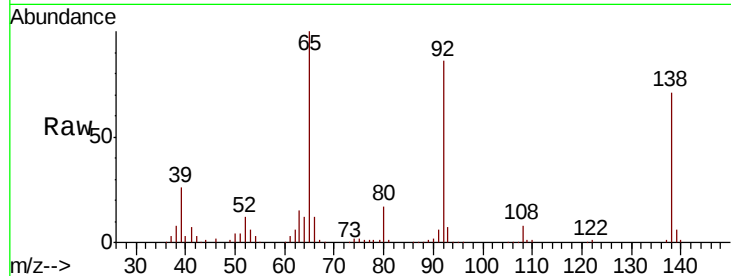
#53
3-Nitroaniline
Concen: 25.618 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

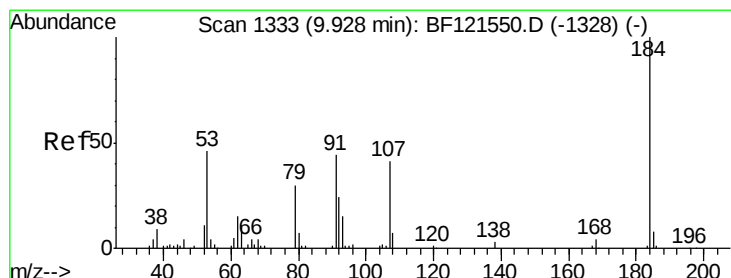
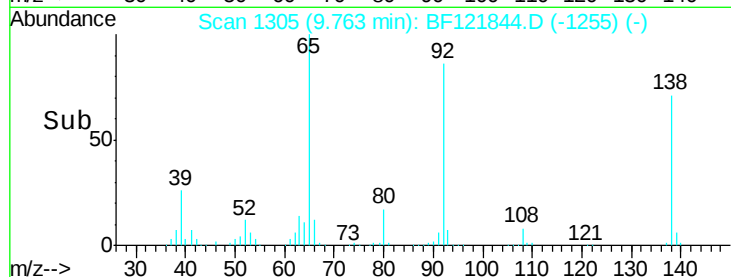
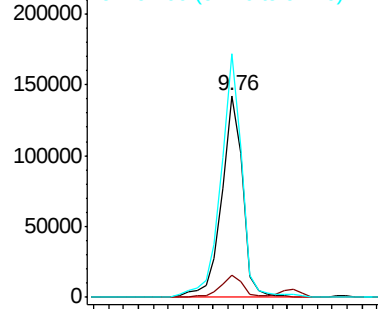
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.6	13.0
92	120.9	96.6	144.8

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM

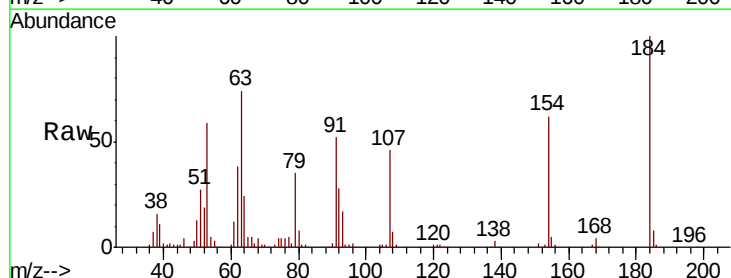


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

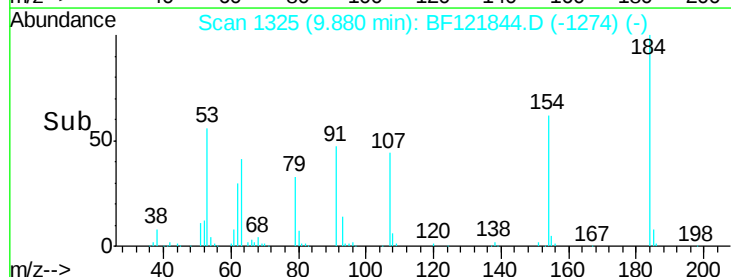
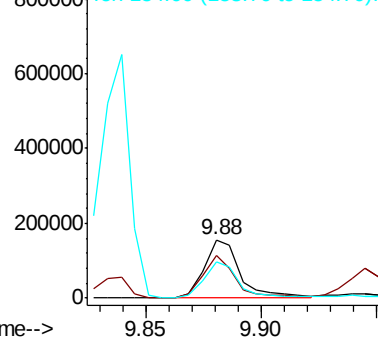


#54
2,4-Dinitrophenol
Concen: 64.483 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.7	45.9	68.9#
154	62.0	45.8	68.6



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





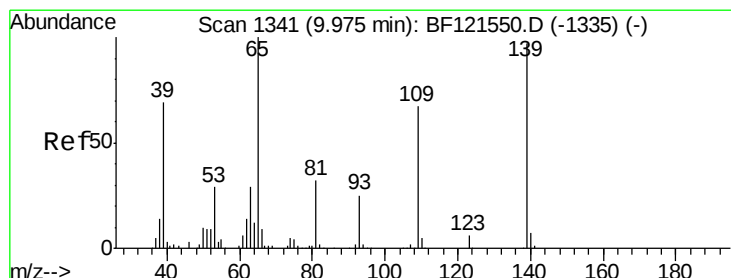
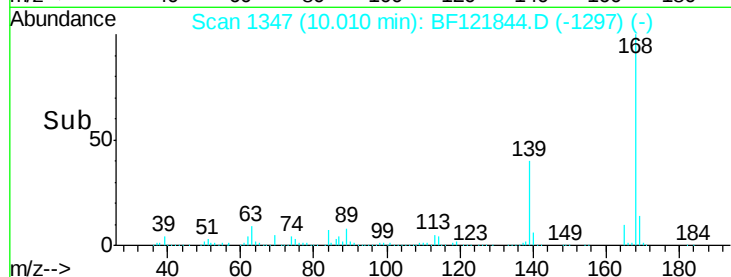
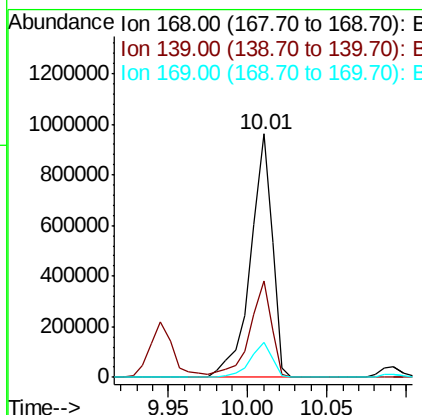
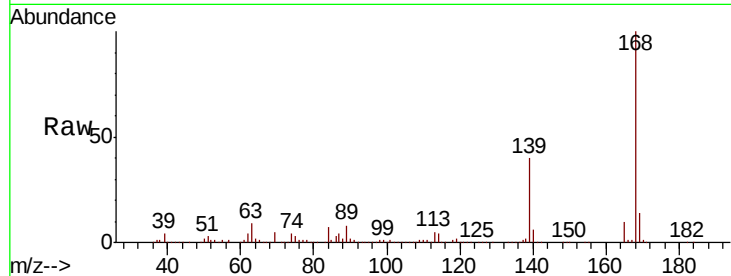
#55
Dibenzofuran
Concen: 35.003 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.0	46.6
169	14.2	11.3	16.9

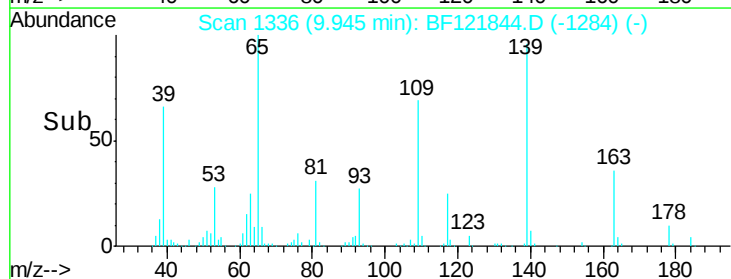
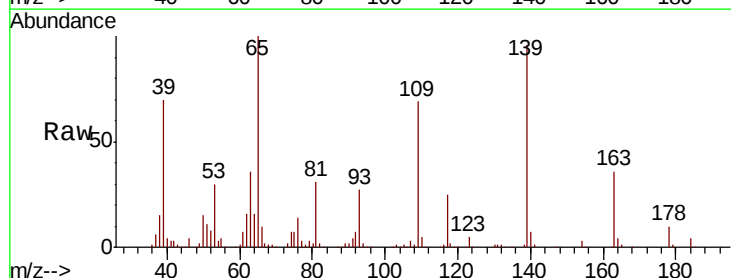
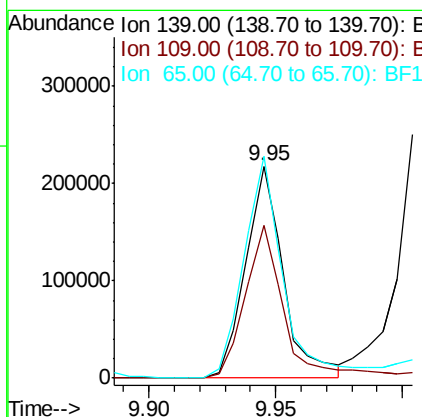
Manual Integrations
APPROVED

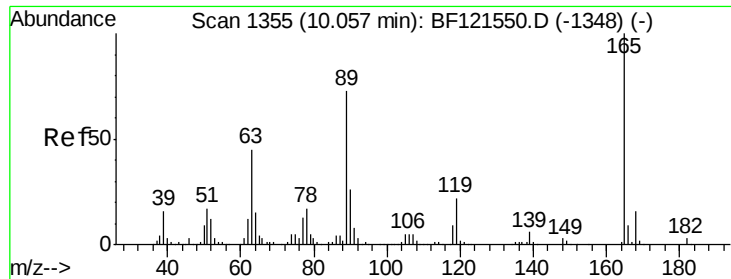
mohammad
10/7/2020 10:40:34 AM



#56
4-Nitrophenol
Concen: 52.595 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.3	45.4	85.4
65	104.7	68.4	108.4





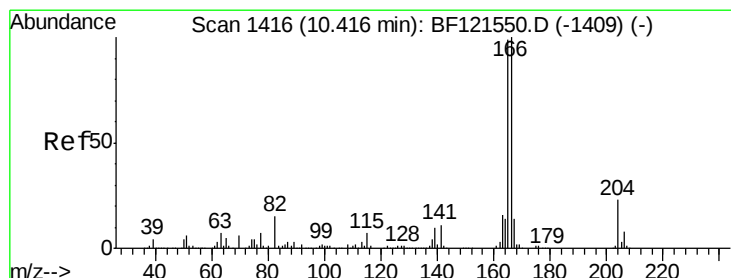
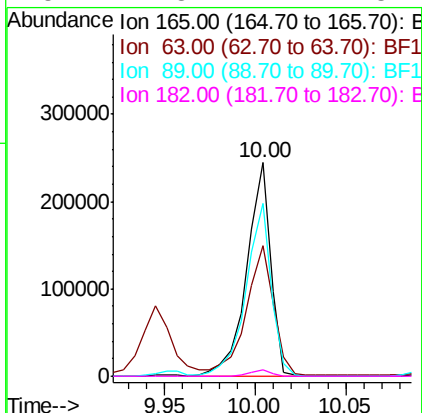
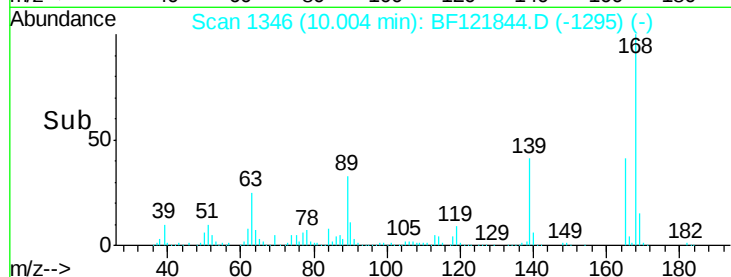
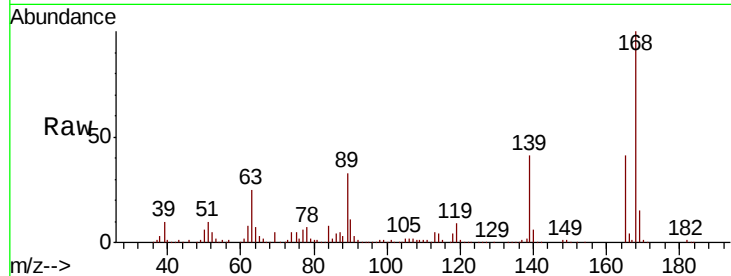
#57
2,4-Dinitrotoluene
Concen: 38.458 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		225928		
63	61.0	41.3	61.9		
89	81.1	61.8	92.8		
182	2.8	2.1	3.1		

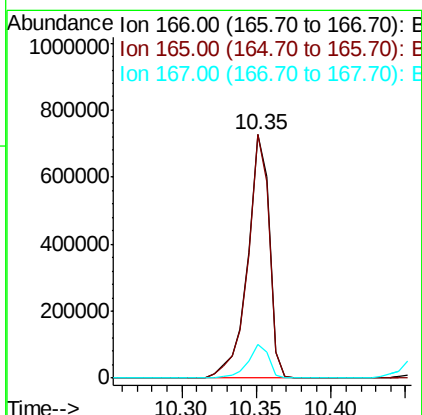
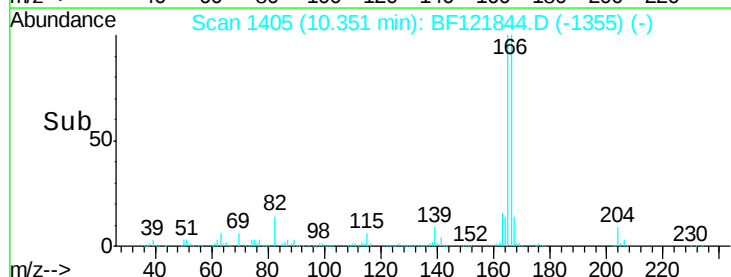
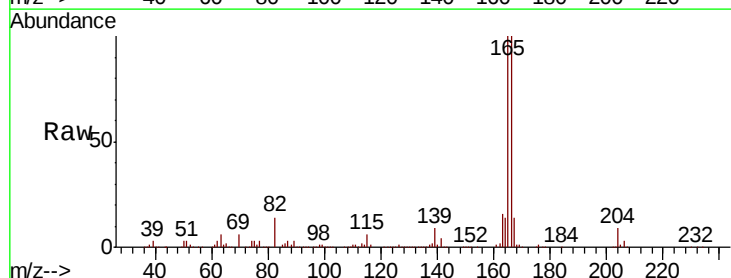
Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#58
Fluorene
Concen: 36.332 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		724697		
165	100.0	79.1	118.7		
167	13.8	11.0	16.6		





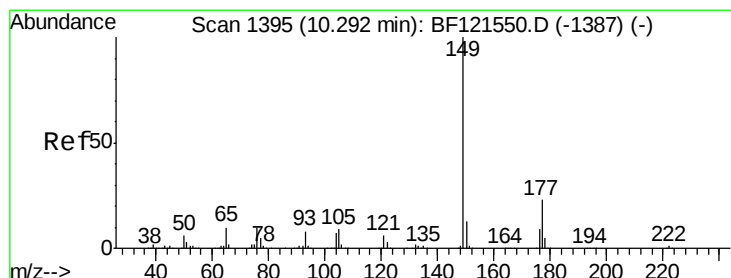
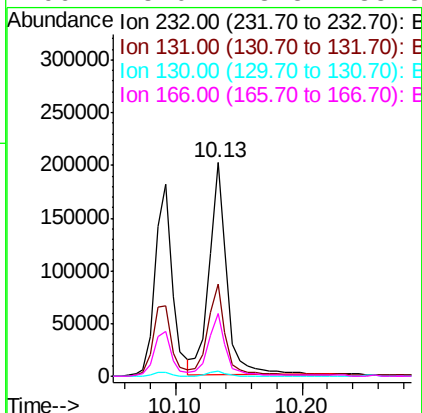
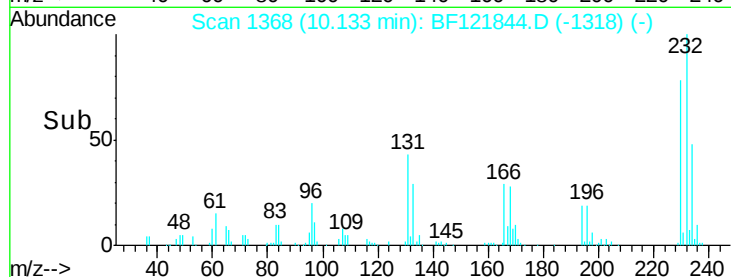
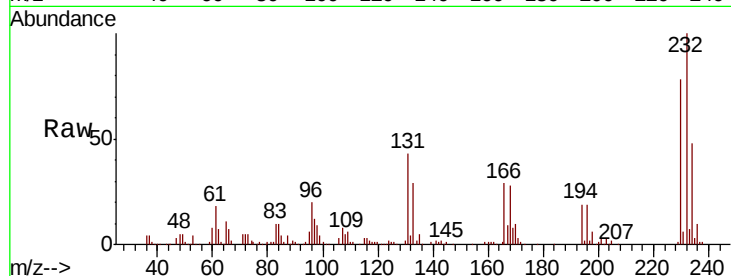
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.235 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	35.9	53.9
130	2.2	1.8	2.6
166	28.0	23.5	35.3

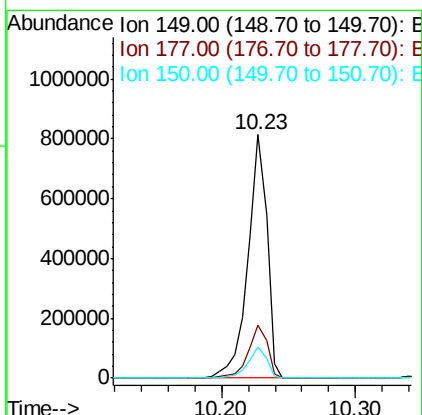
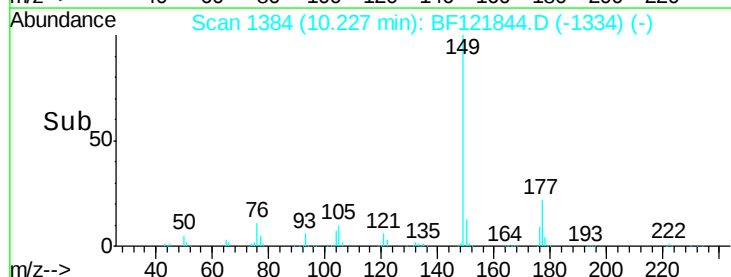
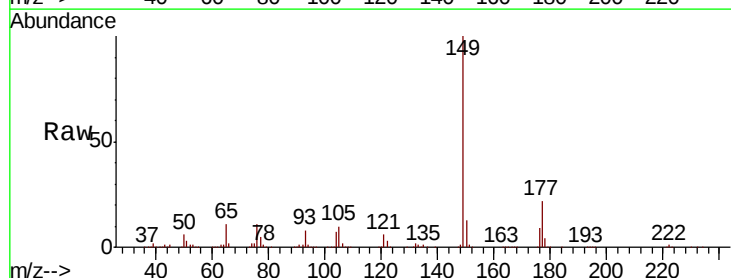
Manual Integrations
APPROVED

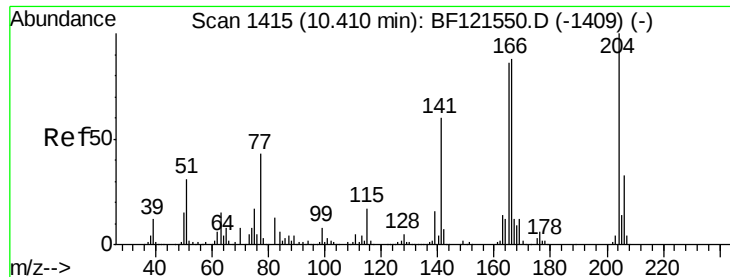
mohammad
10/7/2020 10:40:34 AM



#60
Diethylphthalate
Concen: 36.990 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.1	27.1
150	12.8	10.3	15.5





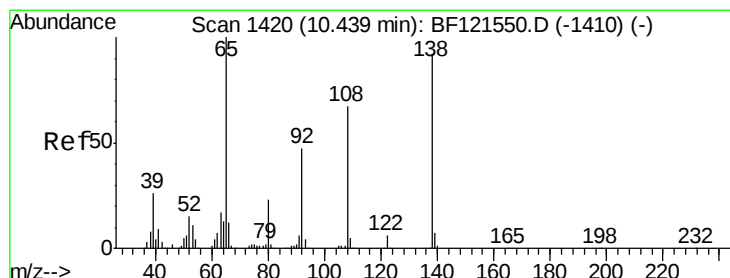
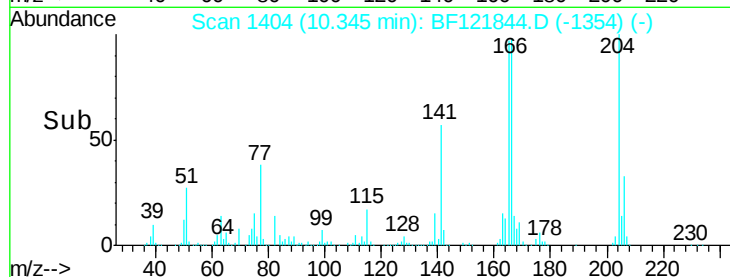
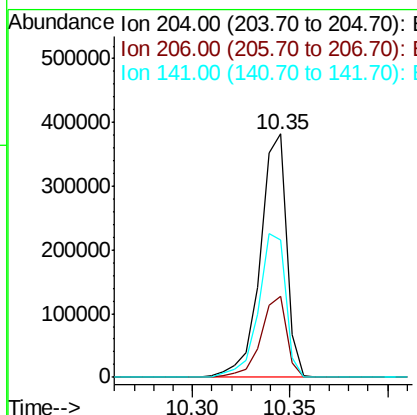
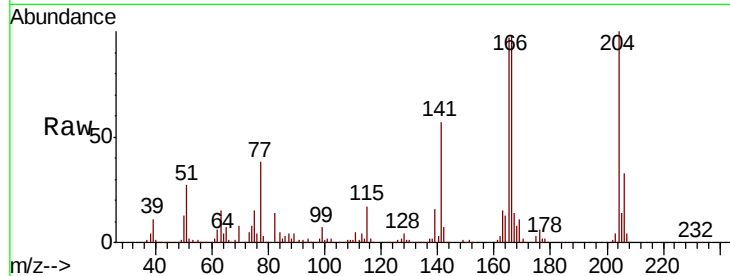
#61
 4-Chlorophenyl-phenylether
 Concen: 37.402 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleID :
 PB132087BS

Tot Ion:	204	Resp:	357372
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.0	39.0
141	56.7	46.2	69.4

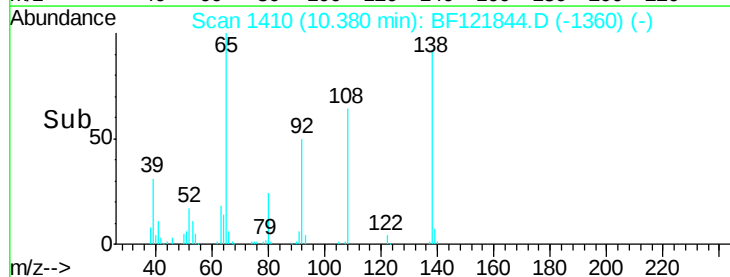
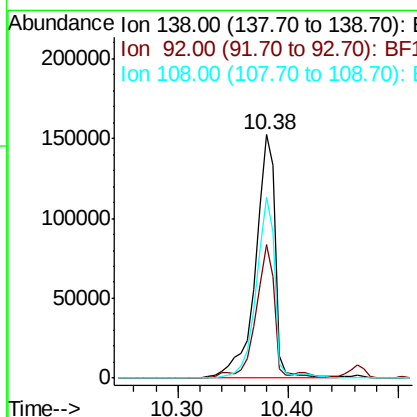
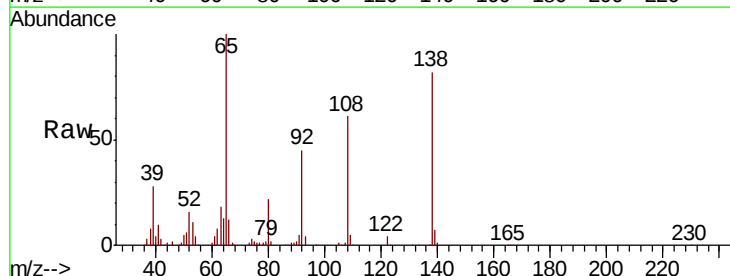
Manual Integrations
 APPROVED

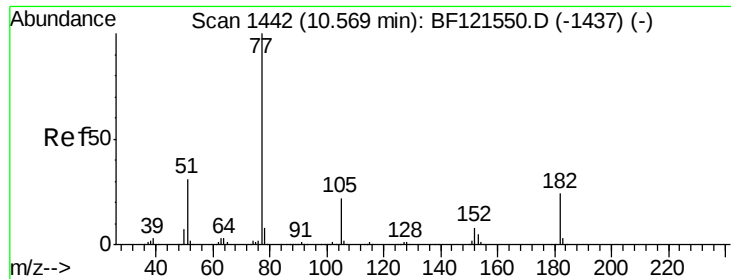
mohammad
 10/7/2020 10:40:34 AM



#62
 4-Nitroaniline
 Concen: 35.853 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion:	138	Resp:	192571
Ion Ratio	Lower	Upper	
138	100		
92	54.7	31.0	71.0
108	74.1	51.5	91.5





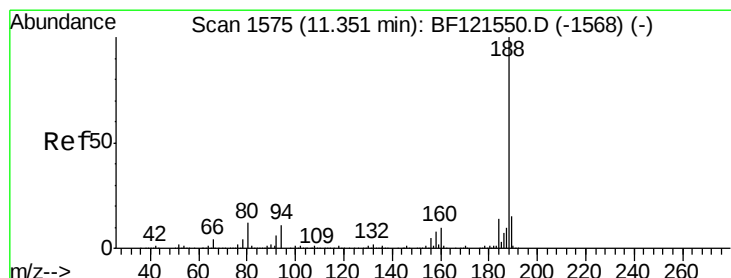
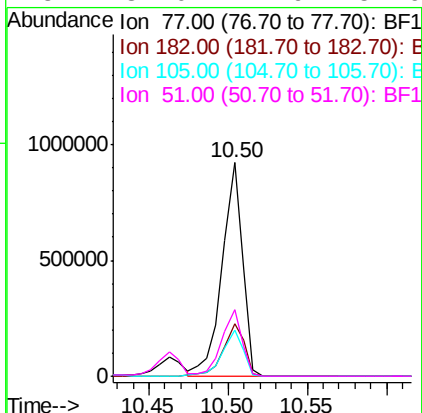
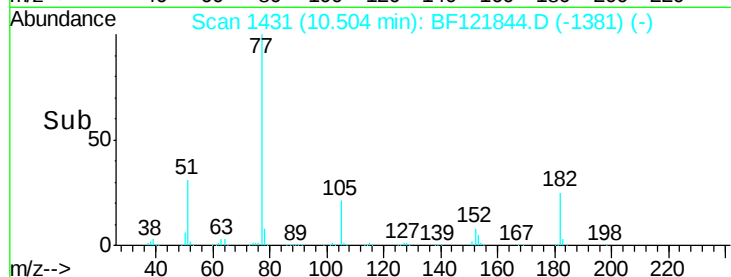
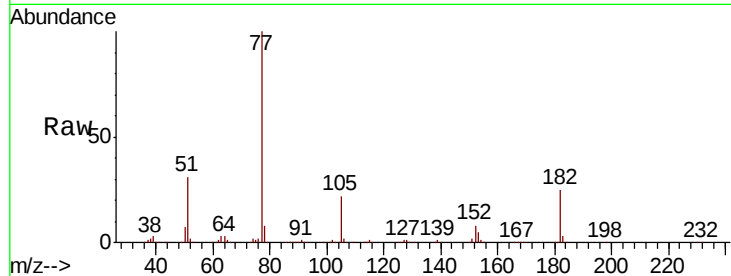
#63
Azobenzene
Concen: 36.149 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	3.4	43.4
105	21.6	1.7	41.7
51	31.0	11.6	51.6

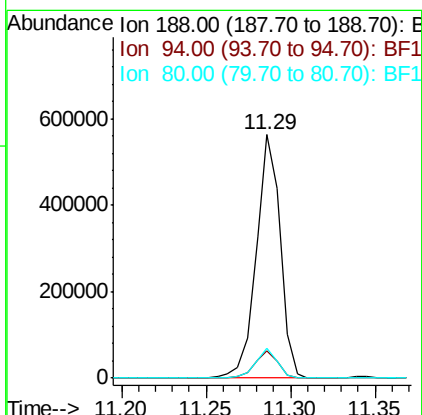
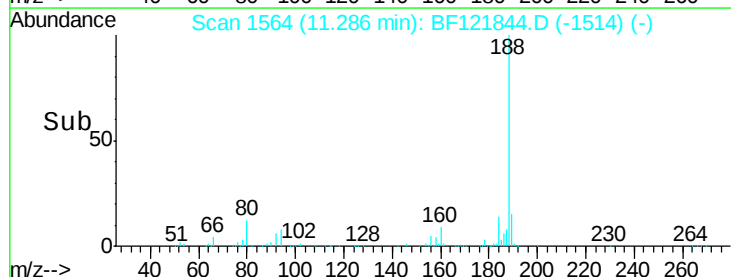
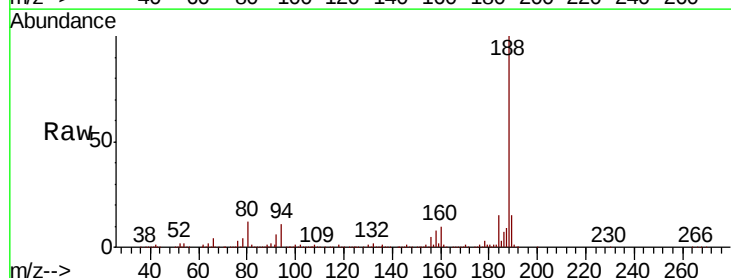
Manual Integrations
APPROVED

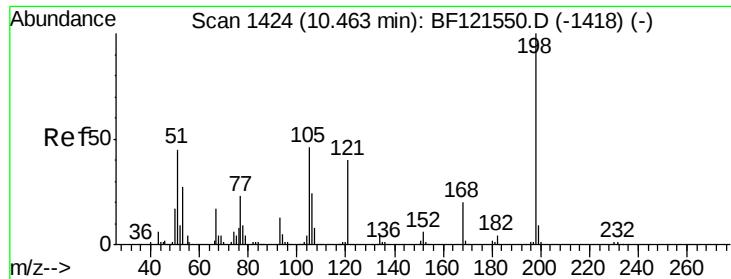
mohammad
10/7/2020 10:40:34 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.3	12.5
80	12.2	9.1	13.7





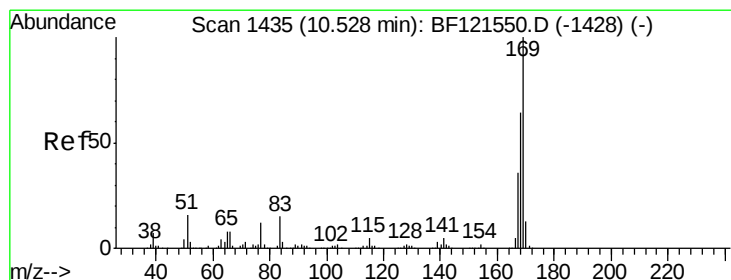
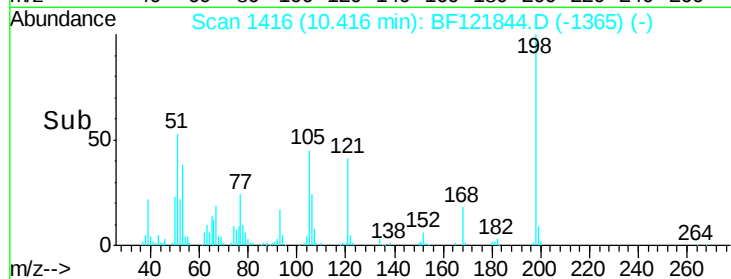
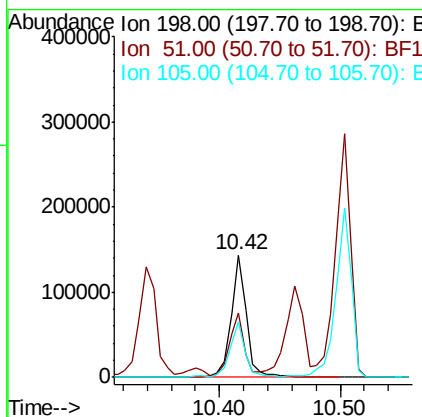
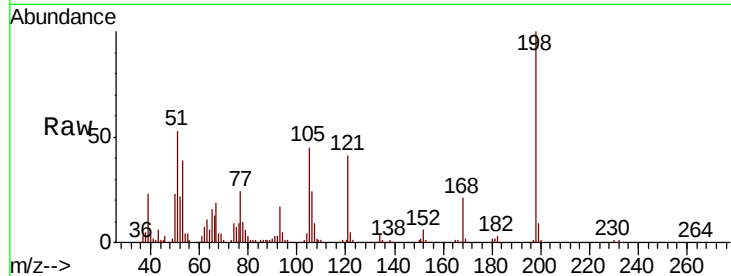
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.704 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	127058		
51	52.7	29.6	69.6	
105	44.8	24.4	64.4	

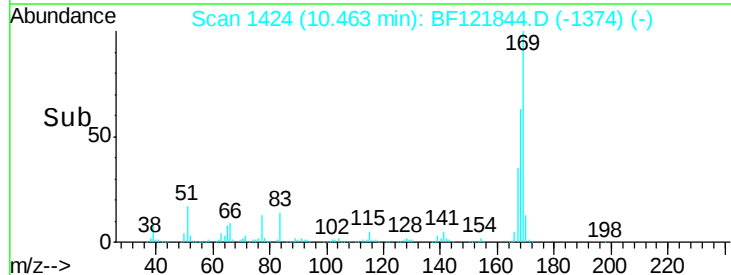
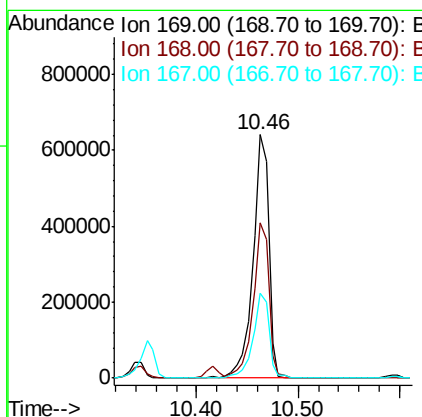
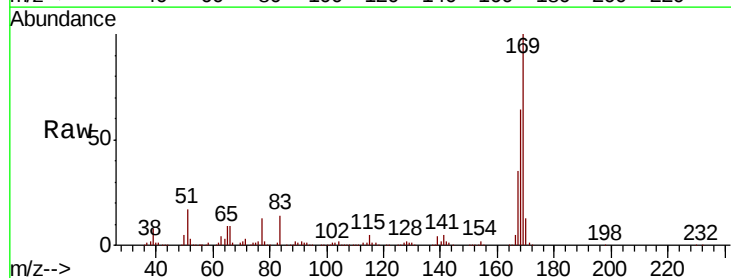
Manual Integrations
 APPROVED

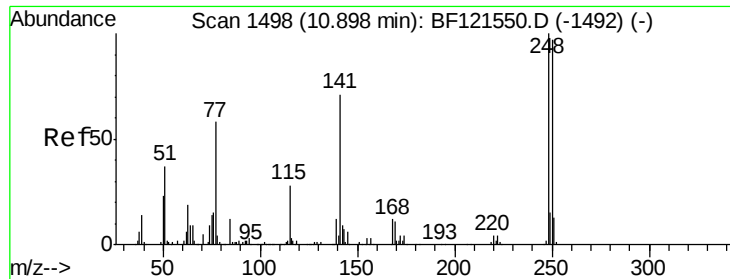
mohammad
 10/7/2020 10:40:34 AM



#66
 n-Nitrosodiphenylamine
 Concen: 36.162 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	691374		
168	63.5	50.0	75.0	
167	34.9	27.8	41.6	





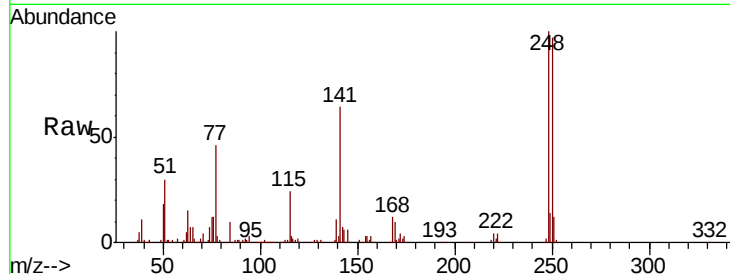
#67
4-Bromophenyl-phenylether
Concen: 37.700 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

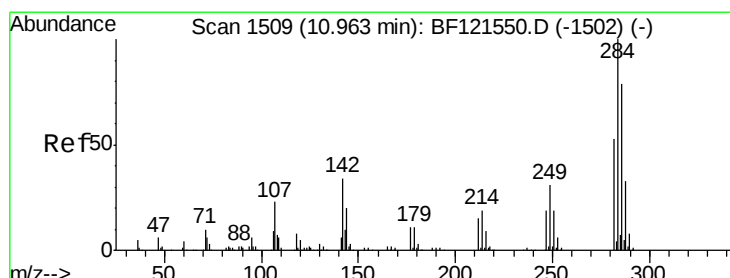
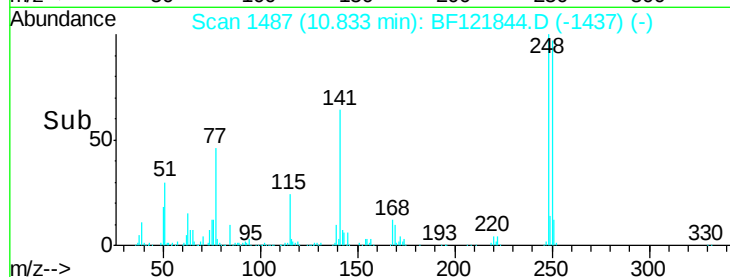
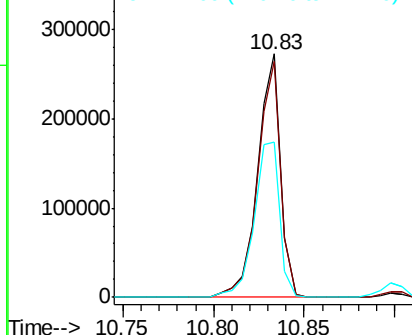
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.0	115.6
141	63.7	53.7	80.5

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM

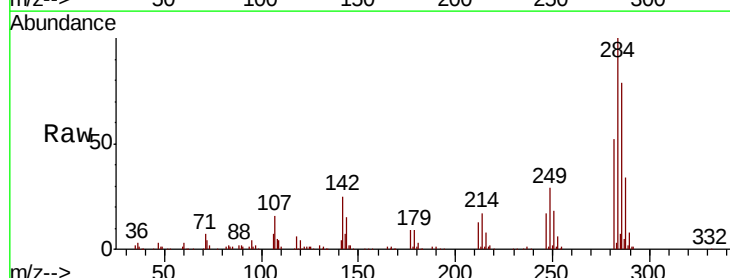


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

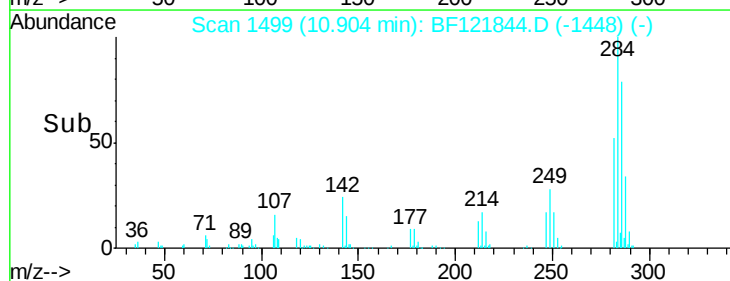
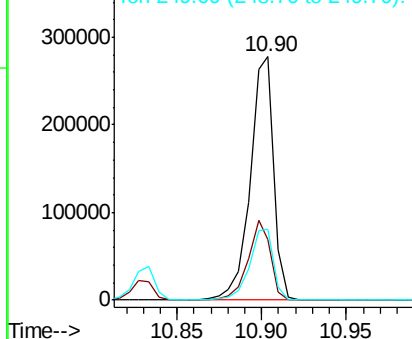


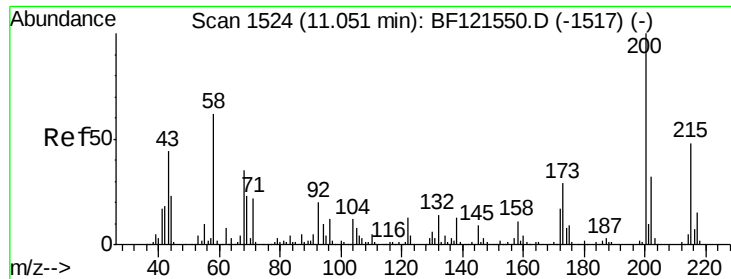
#68
Hexachlorobenzene
Concen: 37.830 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	27.4	41.2#
249	28.9	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





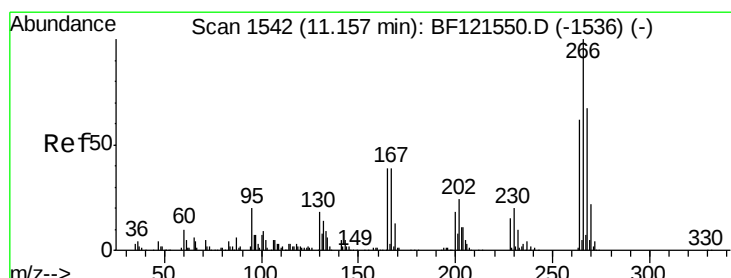
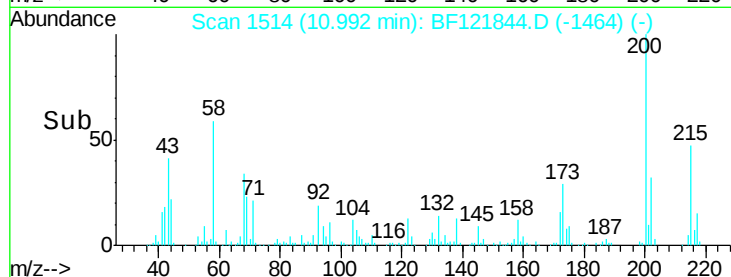
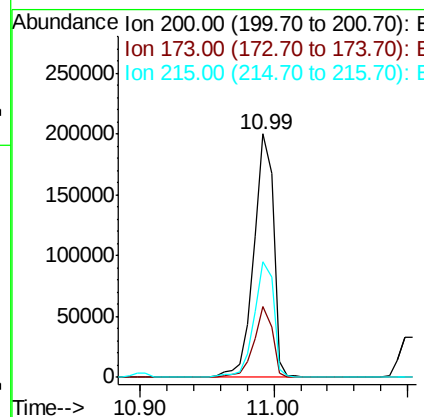
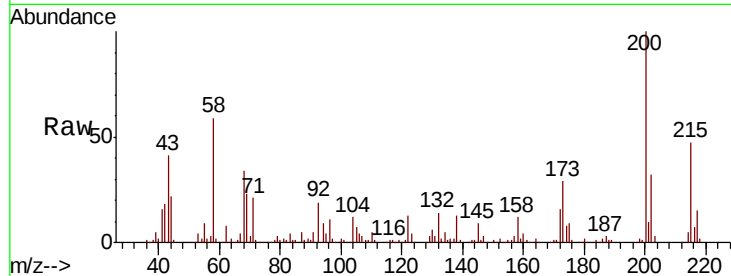
#69
Atrazine
Concen: 42.368 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	7.5	47.5
215	47.3	27.1	67.1

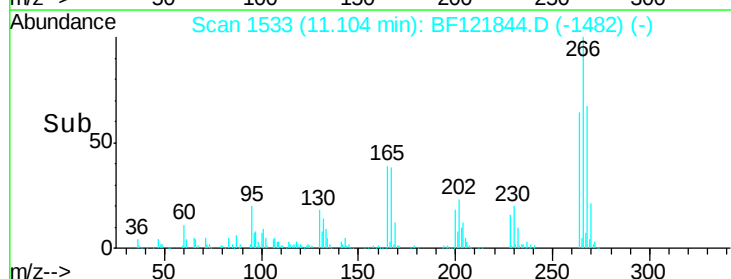
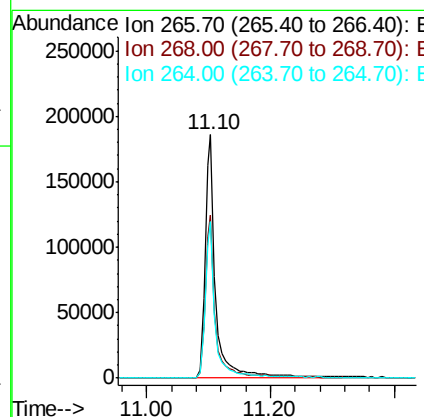
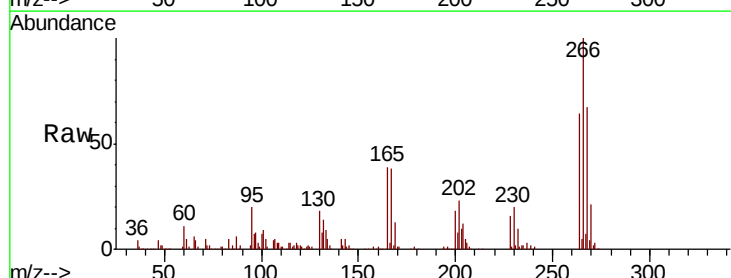
Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#70
Pentachlorophenol
Concen: 58.286 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	52.4	78.6
264	64.3	49.9	74.9





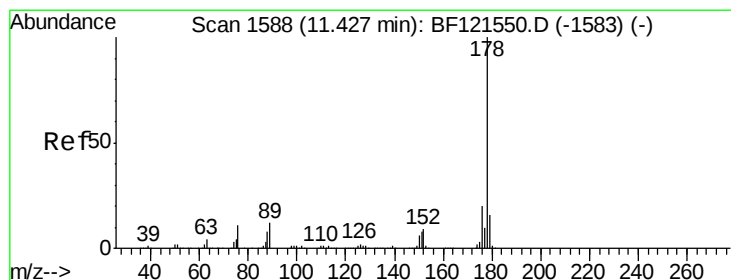
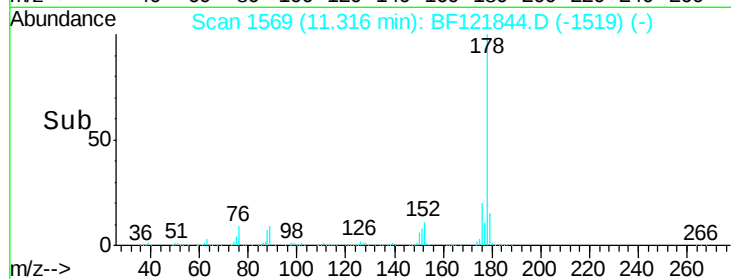
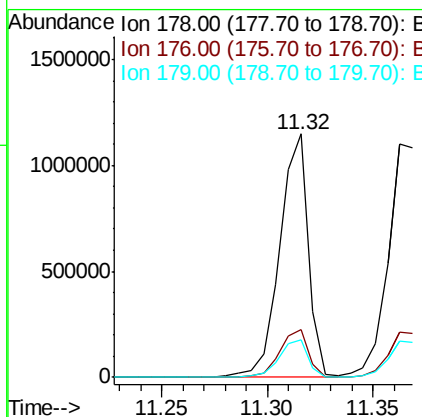
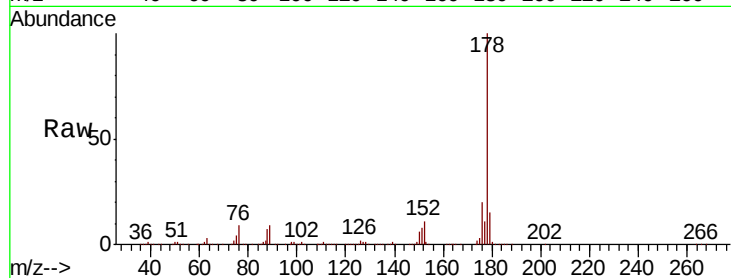
#71
Phenanthrene
Concen: 35.821 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion:178 Resp: 1087626
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.4 12.2 18.4

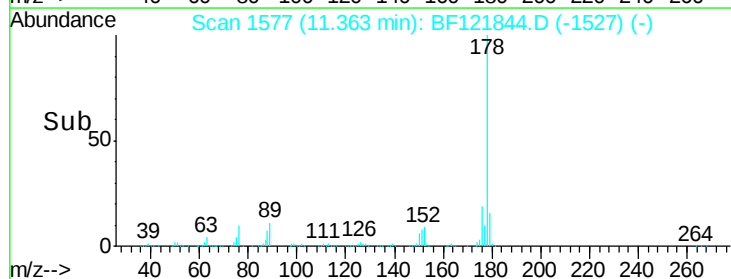
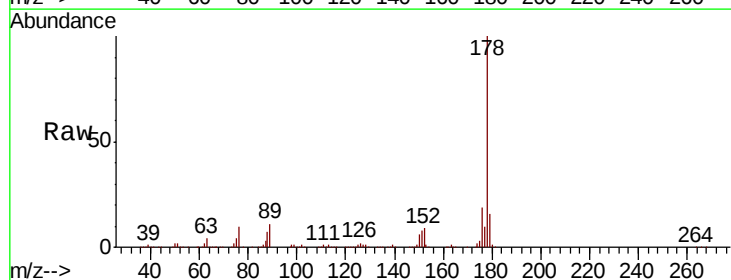
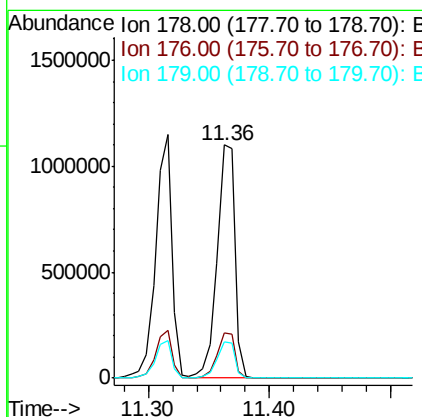
Manual Integrations
APPROVED

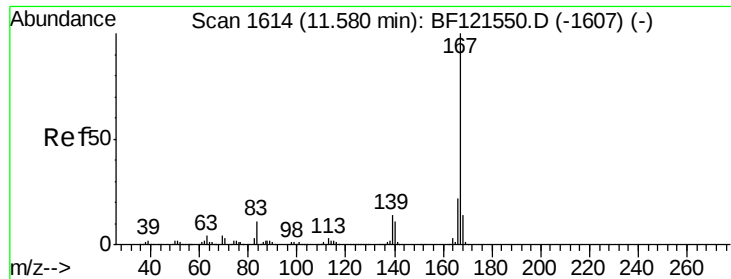
mohammad
10/7/2020 10:40:34 AM



#72
Anthracene
Concen: 35.387 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion:178 Resp: 1108770
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.6 12.7 19.1





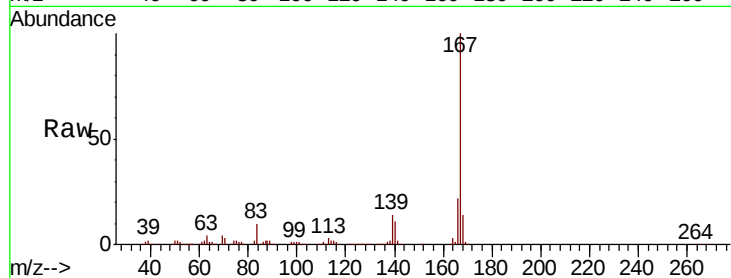
#73
 Carbazole
 Concen: 35.702 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.6	10.8	16.2

Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:40:34 AM

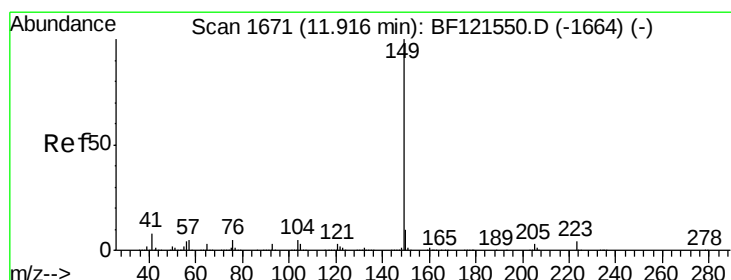
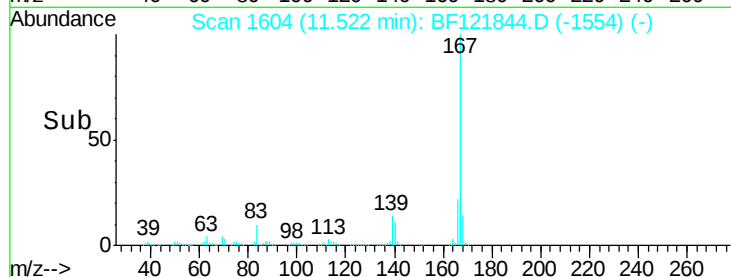
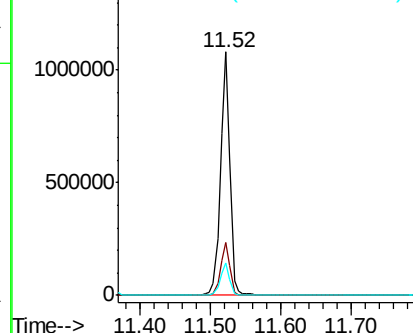


Abundance

Ion 167.00 (166.70 to 167.70): E

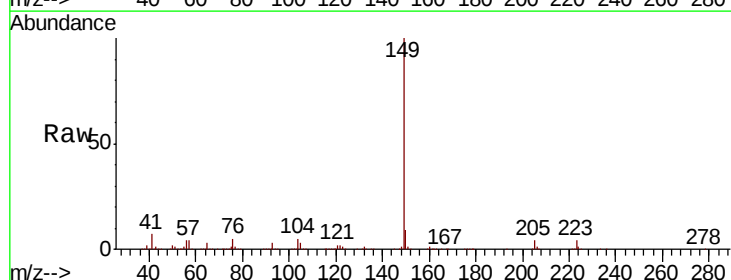
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 37.650 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.8	4.2	6.2

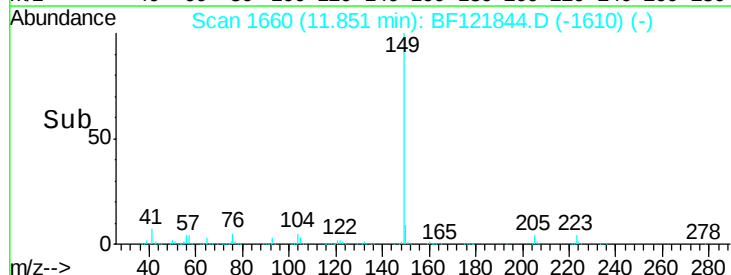
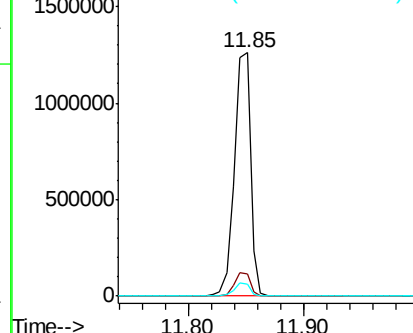


Abundance

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





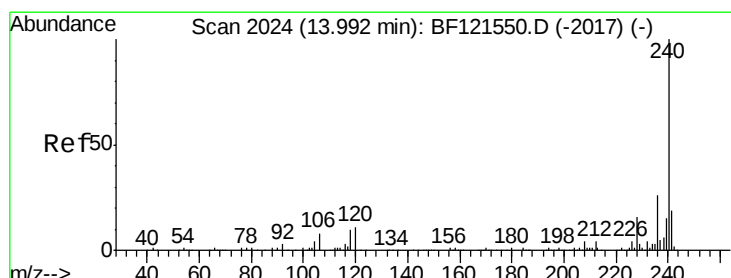
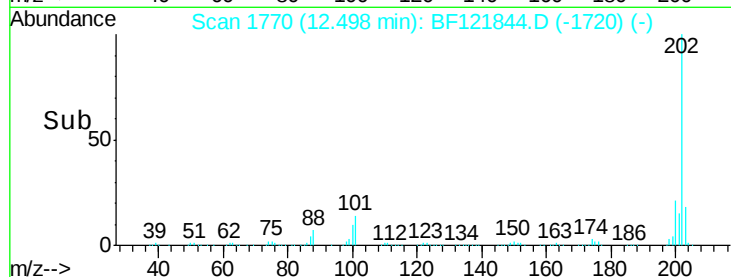
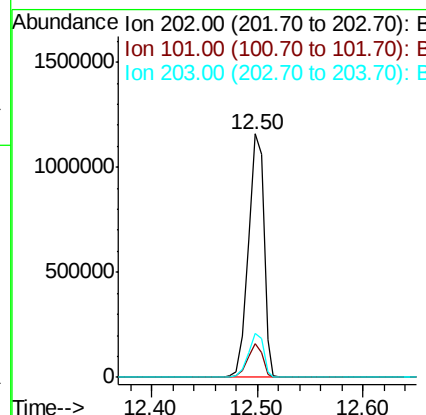
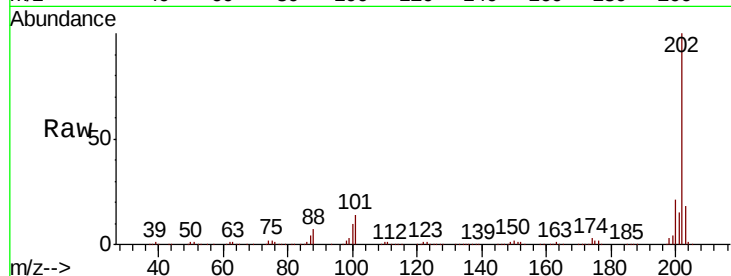
#75
Fluoranthene
Concen: 36.200 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.4
203	18.2	0.0	37.9

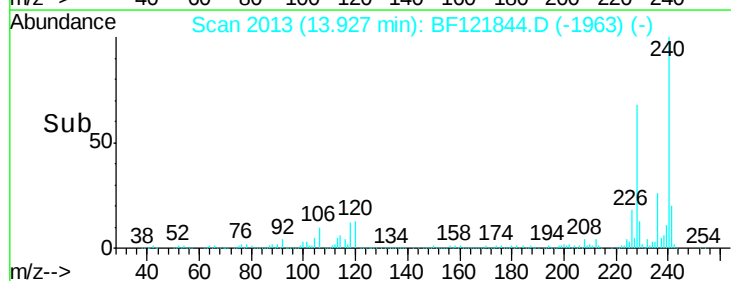
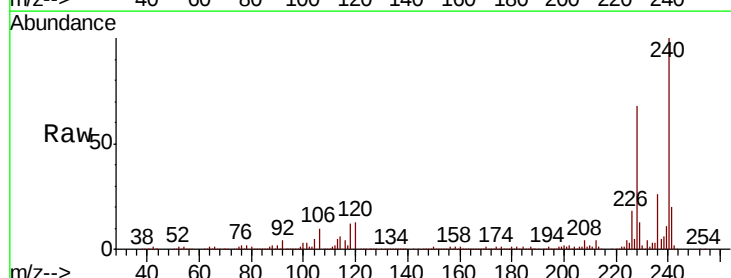
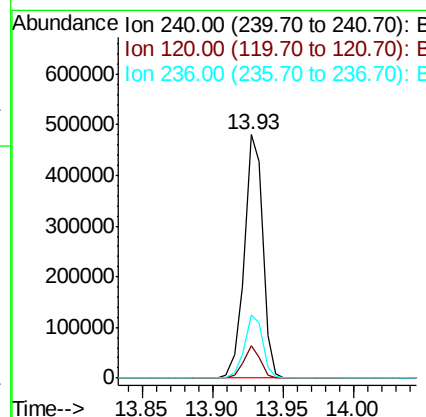
Manual Integrations
APPROVED

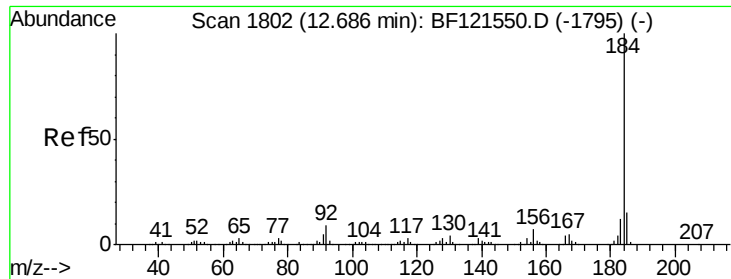
mohammad
10/7/2020 10:40:34 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.2	13.8
236	25.8	20.9	31.3





#77

Benzidine

Concen: 28.732 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

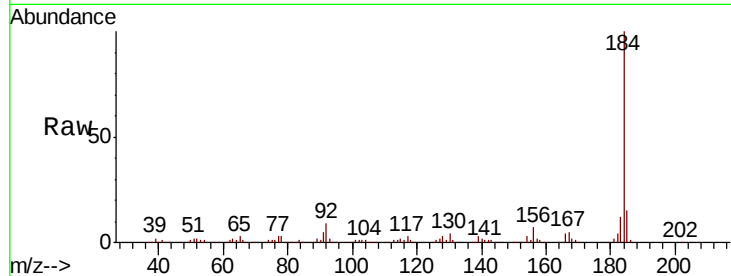
ClientSampleId :

PB132087BS

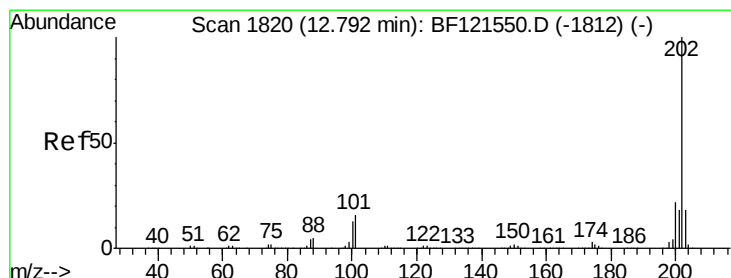
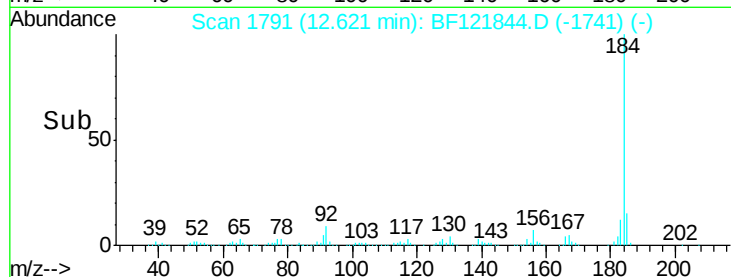
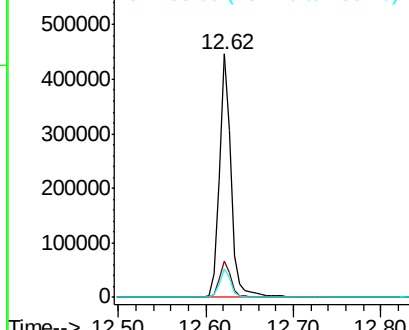
Tot Ion:	184	Resp:	416799
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.6	17.4
183	11.6	9.4	14.0

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.201 ng

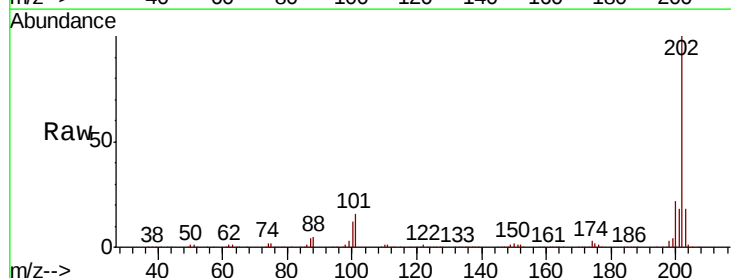
RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

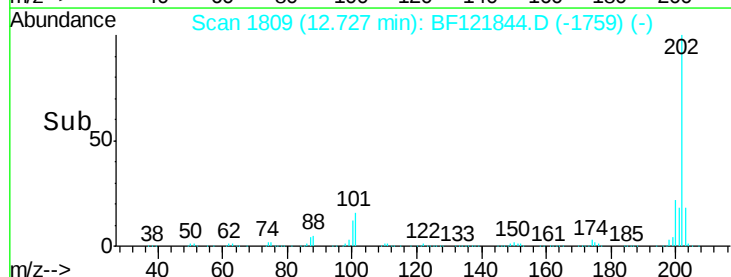
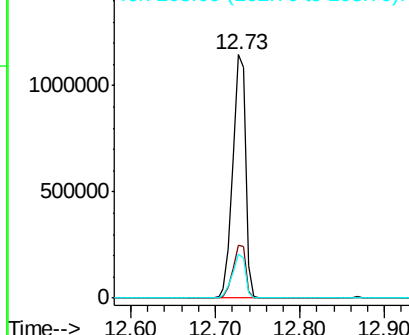
Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Tgt Ion:	202	Resp:	1189309
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	18.0	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





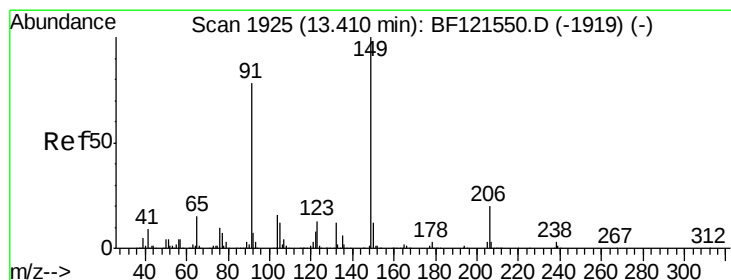
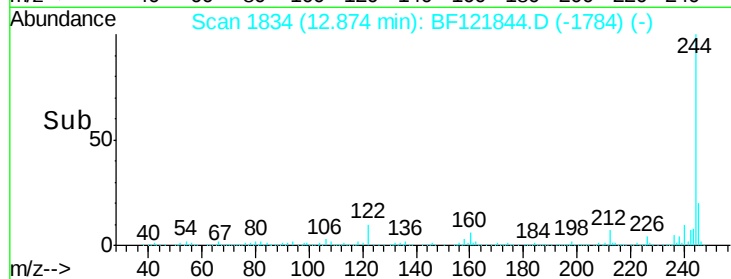
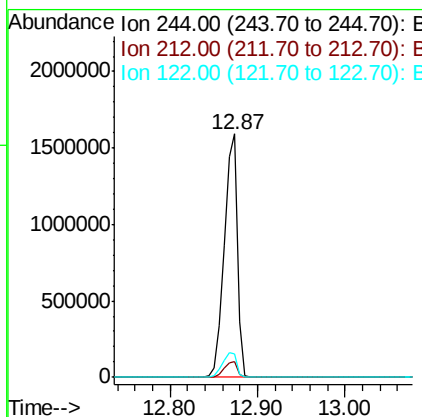
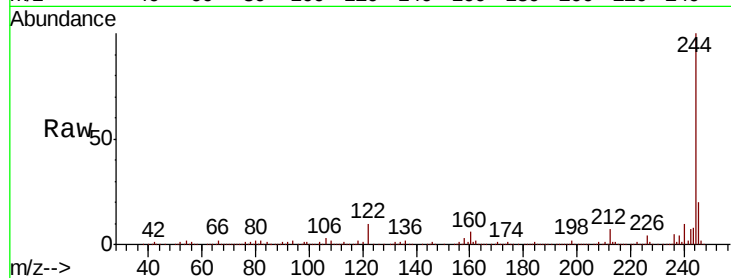
#79
 Terphenyl-d14
 Concen: 76.806 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	9.7	8.1	12.1

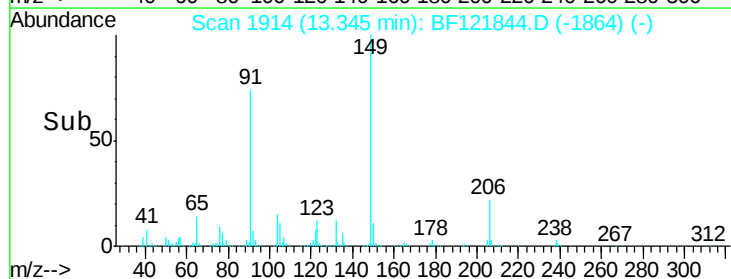
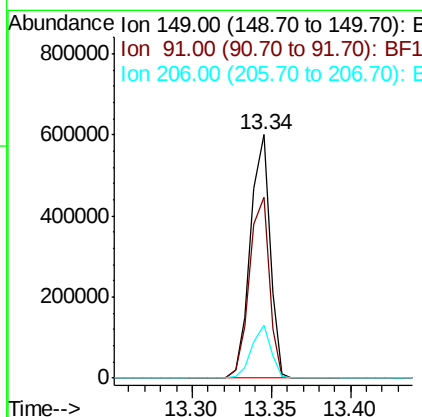
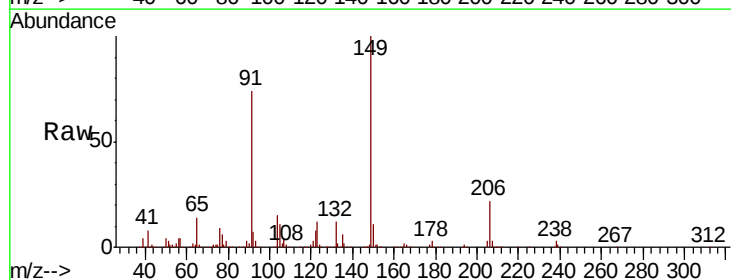
Manual Integrations
 APPROVED

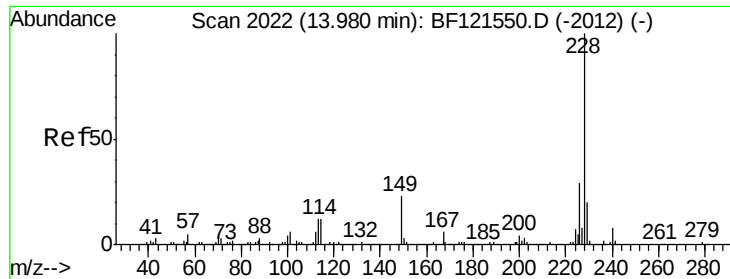
mohammad
 10/7/2020 10:40:34 AM



#80
 Butylbenzylphthalate
 Concen: 40.046 ng
 RT: 13.34 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.4	61.0	91.4
206	21.5	16.7	25.1





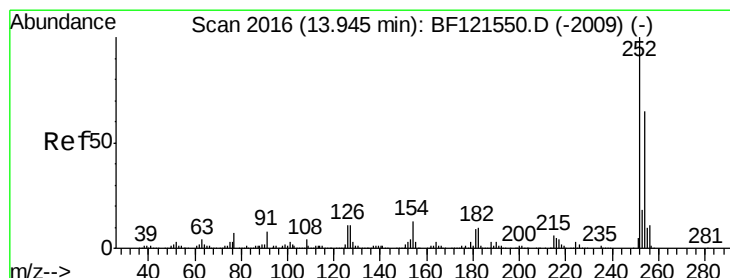
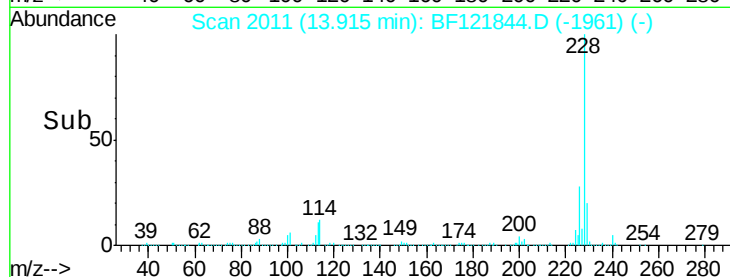
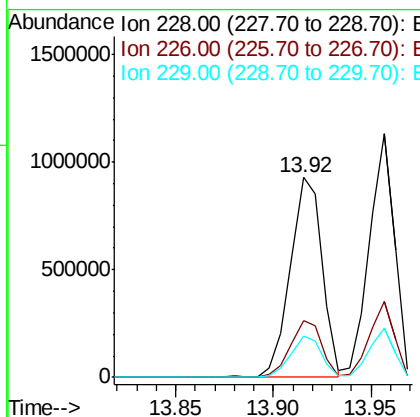
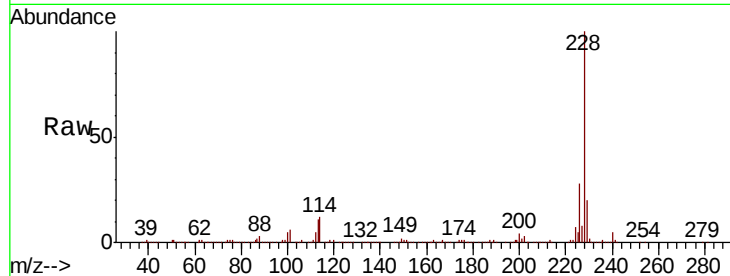
#81
Benzo(a)anthracene
Concen: 37.873 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.5	16.2	24.4

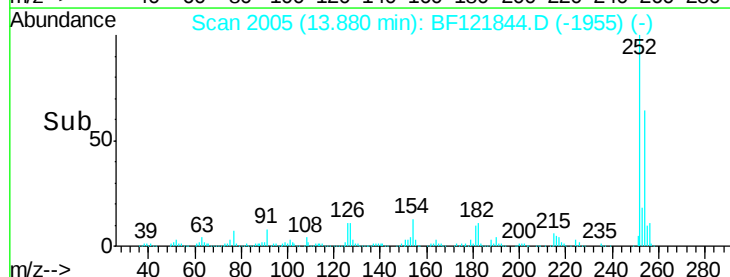
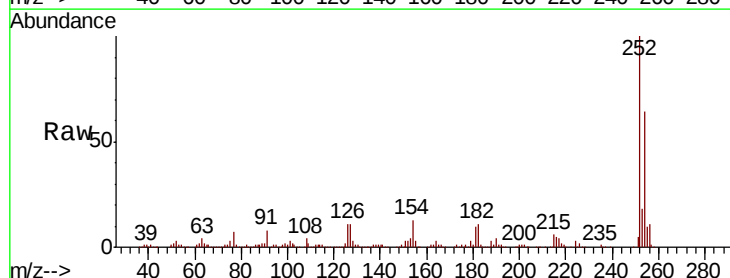
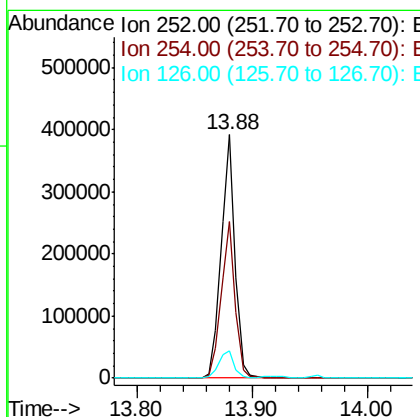
Manual Integrations
APPROVED

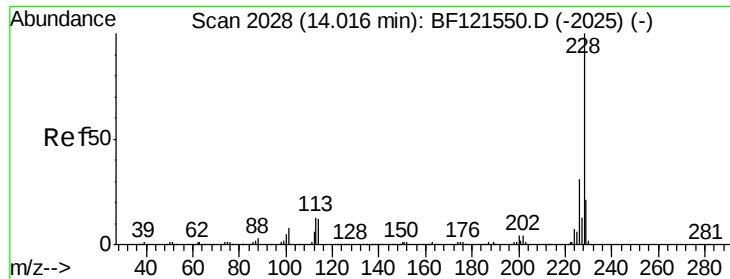
mohammad
10/7/2020 10:40:34 AM



#82
3,3'-Dichlorobenzidine
Concen: 30.277 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.8	77.6
126	11.1	8.8	13.2





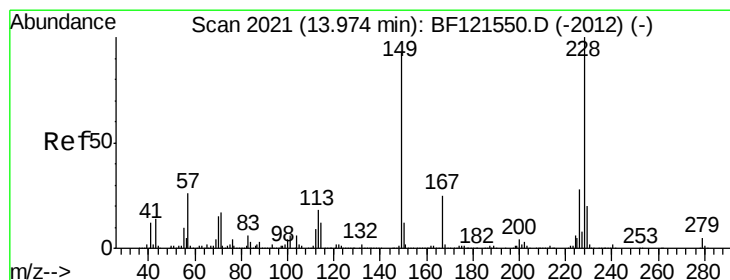
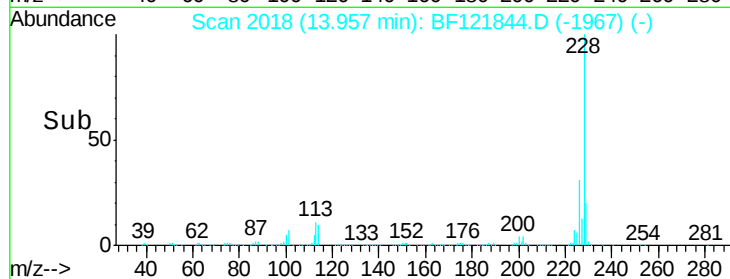
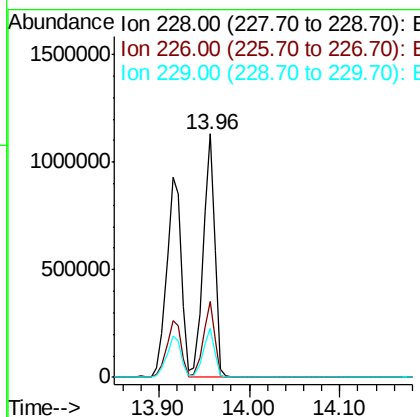
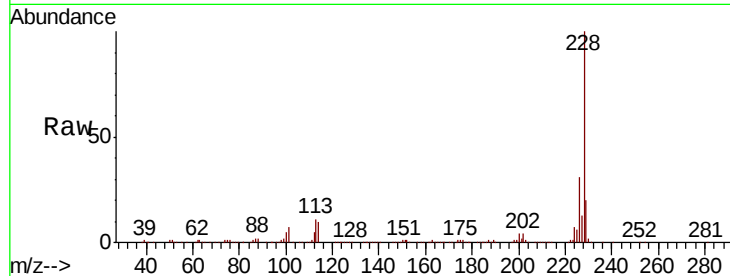
#83
Chrvsene
Concen: 36.391 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	37.0
229	20.0	15.9	23.9

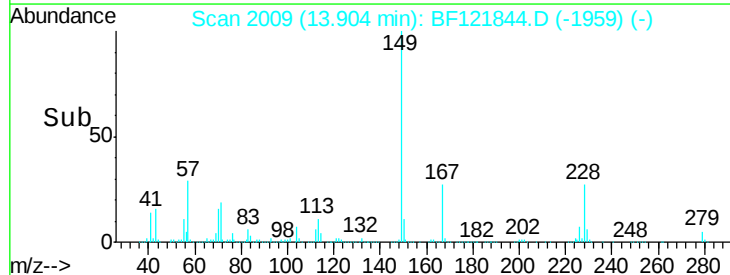
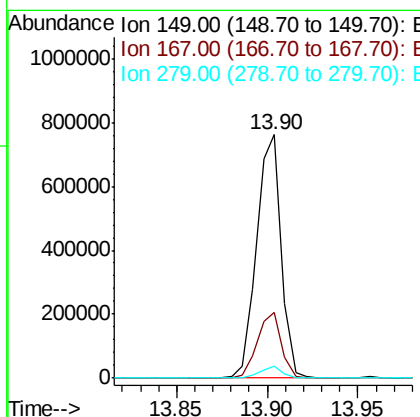
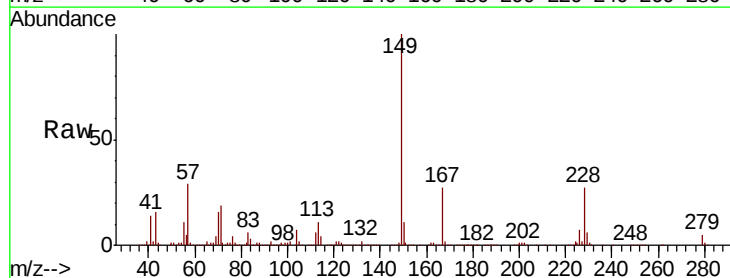
Manual Integrations
APPROVED

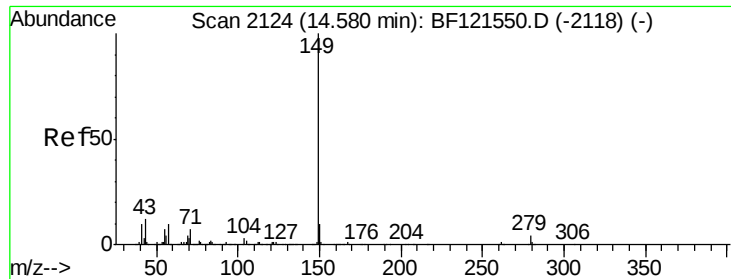
mohammad
10/7/2020 10:40:34 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.527 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.9	31.3
279	5.0	3.2	4.8#





#85

Di-n-octyl phthalate

Concen: 39.727 ng

RT: 14.52 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

Instrument :

BNA_F

ClientSampleId :

PB132087BS

Tot Ion:149 Resp: 1211024

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

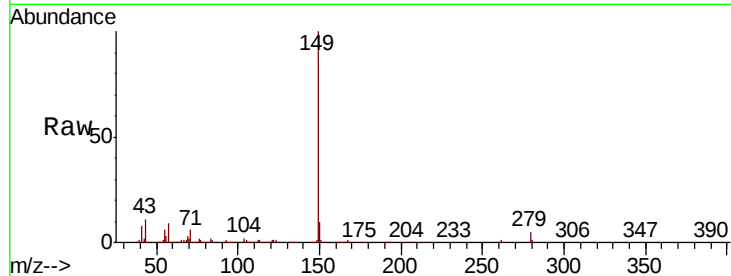
43 11.4 9.0 13.6

Manual Integrations

APPROVED

mohammad

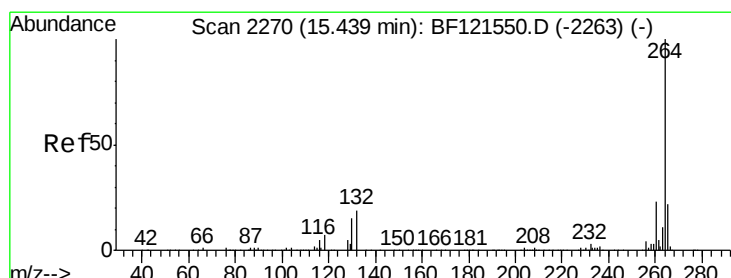
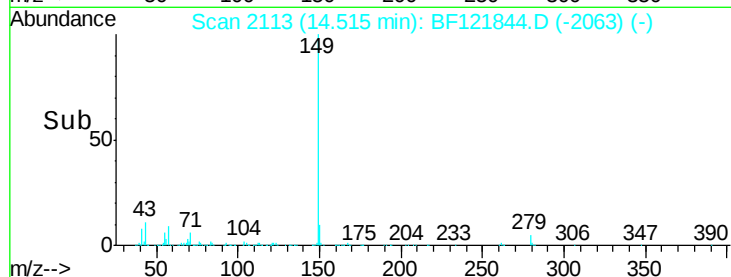
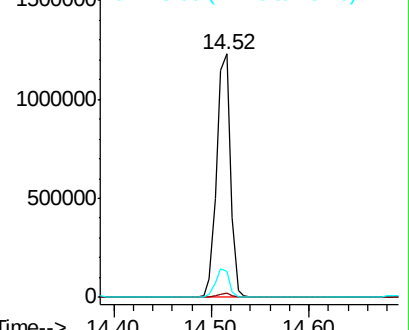
10/7/2020 10:40:34 AM



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: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF121844.D

Acq: 6 Oct 2020 10:35

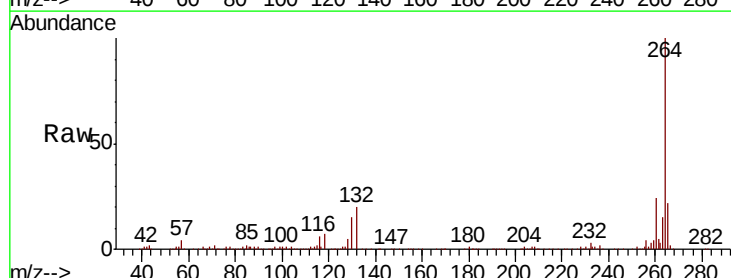
Tgt Ion:264 Resp: 359132

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

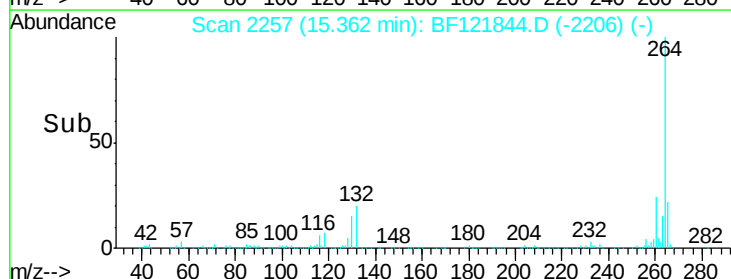
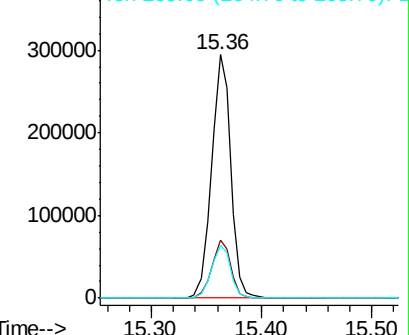
265 22.0 17.3 25.9

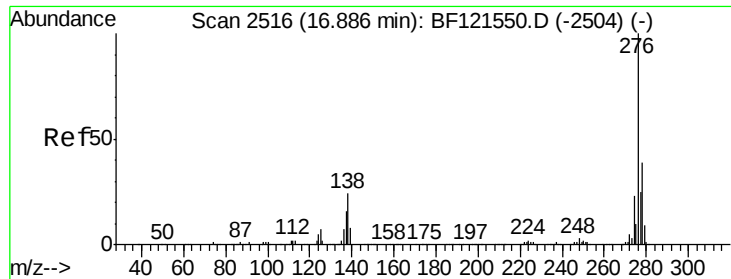


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





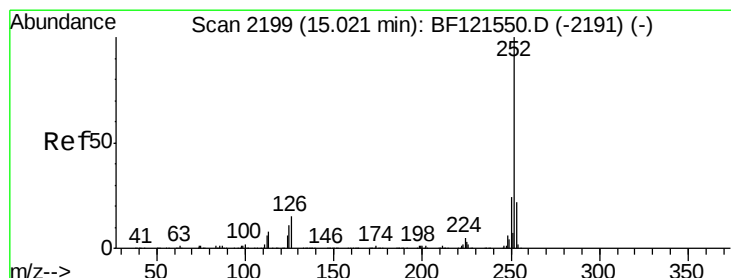
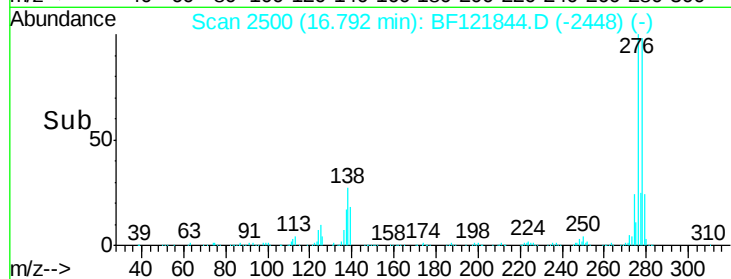
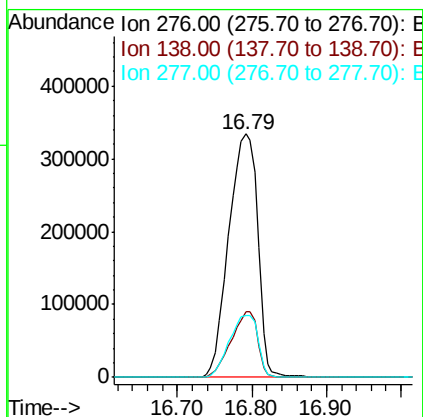
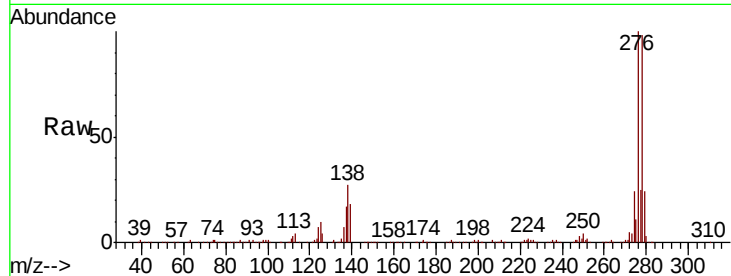
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.598 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.9	29.9
277	25.2	20.4	30.6

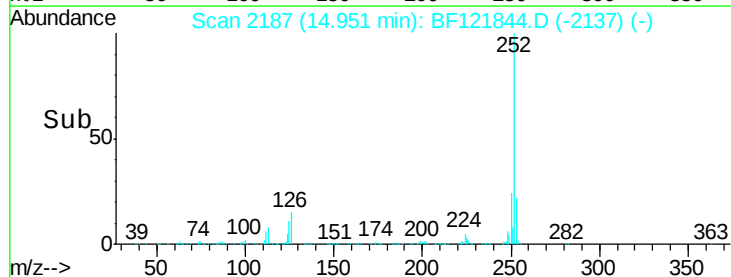
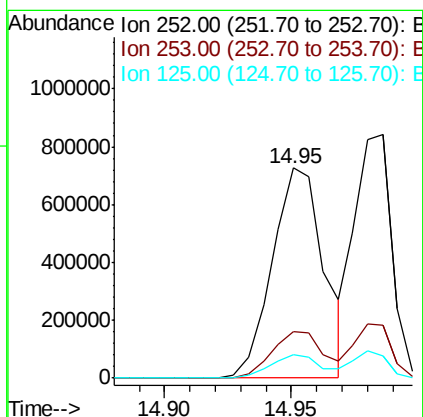
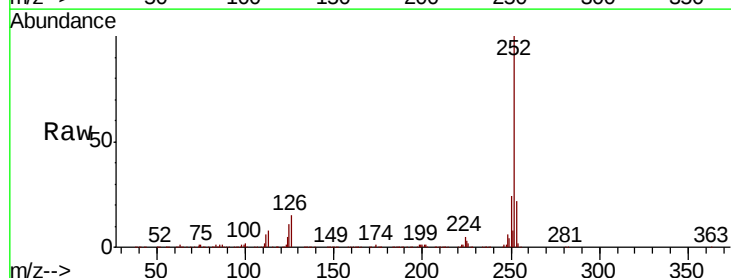
Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:40:34 AM



#88
 Benzo(b)fluoranthene
 Concen: 42.844 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121844.D
 Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	11.0	8.0	12.0





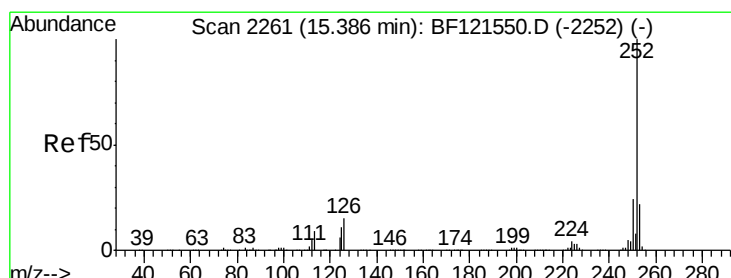
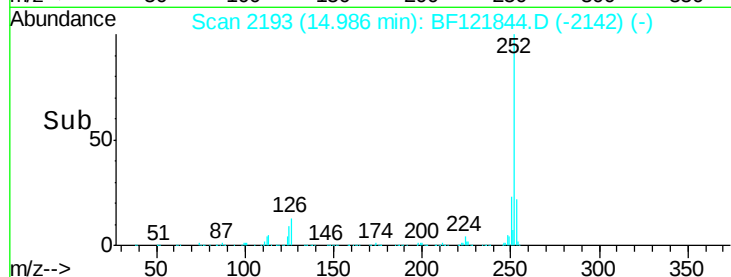
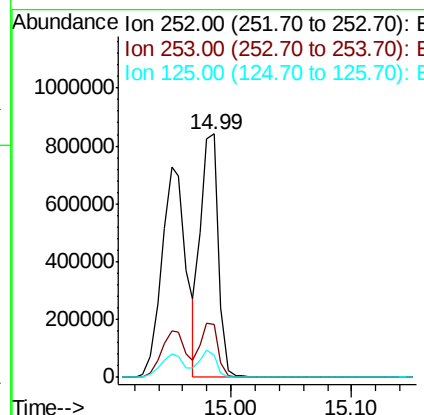
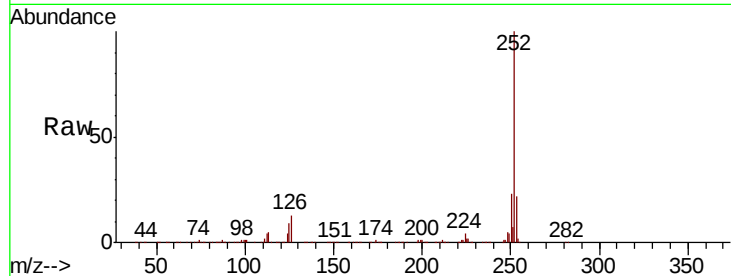
#89
Benzo(k)fluoranthene
Concen: 39.395 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	9.0	7.7	11.5

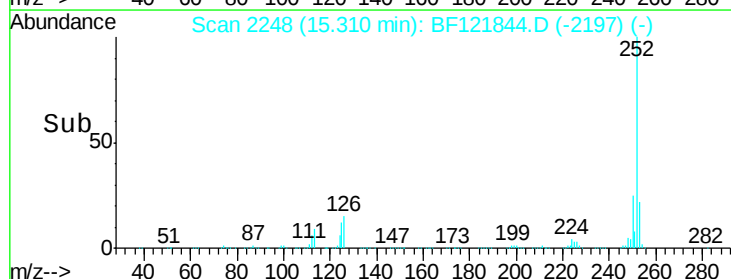
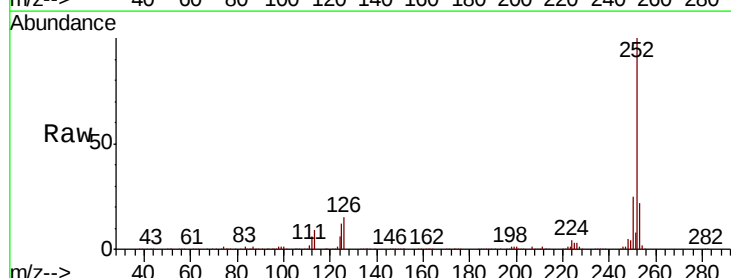
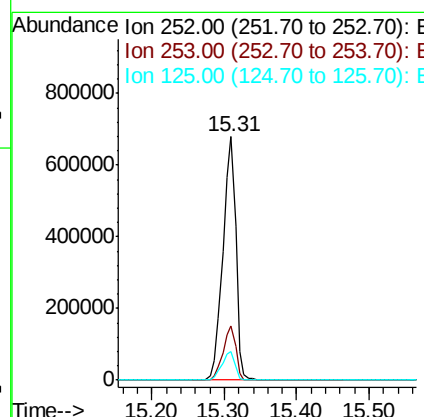
Manual Integrations
APPROVED

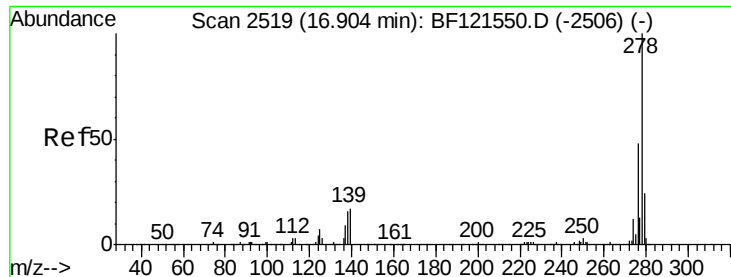
mohammad
10/7/2020 10:40:34 AM



#90
Benzo(a)pyrene
Concen: 41.540 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.6	8.6	13.0





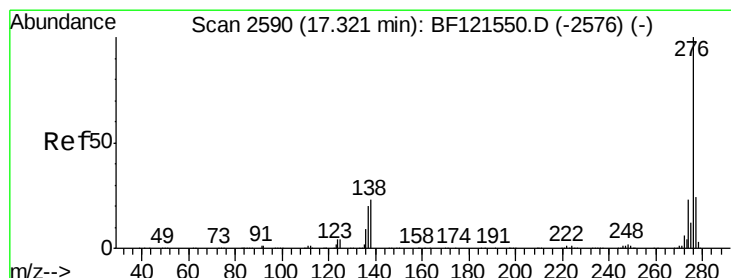
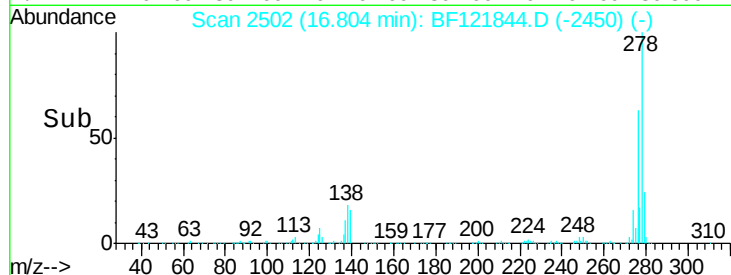
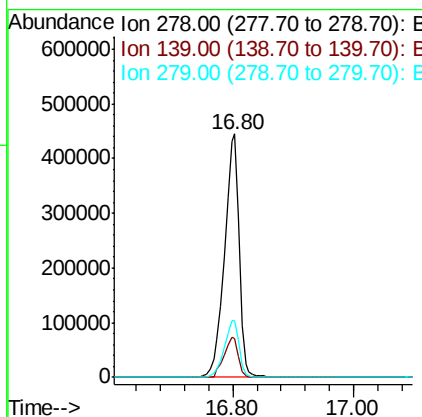
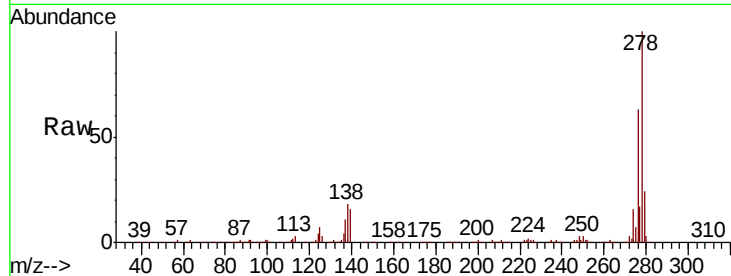
#91
Dibenzo(a,h)anthracene
Concen: 38.682 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Instrument :
BNA_F
ClientSampleId :
PB132087BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.4
279	23.5	19.0	28.4

Manual Integrations
APPROVED

mohammad
10/7/2020 10:40:34 AM



#92
Benzo(g,h,i)perylene
Concen: 38.785 ng
RT: 17.22 min Scan# 2572
Delta R.T. 0.01 min
Lab File: BF121844.D
Acq: 6 Oct 2020 10:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	22.8	17.8	26.6

