

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121573.D
 Acq On : 15 Sep 2020 12:56
 Operator : JU/CG
 Sample : L3943-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Manual Integrations
 APPROVED

mohammad
 9/16/2020 10:14:37 AM

Quant Time: Sep 15 13:45:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	220308	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	864304	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	459874	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	820311	20.00	ng	0.00
76) Chrysene-d12	14.00	240	709900	20.00	ng	0.00
86) Perylene-d12	15.45	264	614743	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1241923	83.78	ng	0.02
7) Phenol-d6	6.48	99	1642746	84.47	ng	0.02
23) Nitrobenzene-d5	7.40	82	1145619	71.17	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	489455	85.63	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1974103	65.01	ng	0.00
79) Terphenyl-d14	12.95	244	2217768	63.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	247286	36.309	ng	100
3) Pyridine	3.40	79	704381	37.412	ng	98
4) n-Nitrosodimethylamine	3.36	42	349422	40.011	ng	98
6) Aniline	6.50	93	592011	23.372	ng	# 80
8) 2-Chlorophenol	6.62	128	638131	42.279	ng	99
9) Benzaldehyde	6.38	77	345688	27.189	ng	99
10) Phenol	6.49	94	794432	38.359	ng	82
11) bis(2-Chloroethyl)ether	6.57	93	663160	42.485	ng	99
12) 1,3-Dichlorobenzene	6.77	146	663243	39.370	ng	98
13) 1,4-Dichlorobenzene	6.85	146	676300	39.981	ng	99
14) 1,2-Dichlorobenzene	7.00	146	653087	41.911	ng	98
15) Benzyl Alcohol	6.98	79	566253	42.836	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1003422	39.948	ng	86
17) 2-Methylphenol	7.10	107	518304	40.359	ng	94
18) Hexachloroethane	7.35	117	243557	40.212	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	453310	40.442	ng	99
20) 3+4-Methylphenols	7.25	107	619271	40.135	ng	# 88
22) Acetophenone	7.25	105	841648	38.381	ng	97
24) Nitrobenzene	7.42	77	698460	40.117	ng	99
25) Isophorone	7.66	82	1282168	39.568	ng	99
26) 2-Nitrophenol	7.73	139	326388	40.257	ng	97
27) 2,4-Dimethylphenol	7.77	122	547732	37.867	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	811422	40.448	ng	100
29) 2,4-Dichlorophenol	7.98	162	536453	40.719	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	548872	39.558	ng	99
31) Naphthalene	8.14	128	1771784	38.833	ng	100
32) Benzoic acid	7.92	122	414478	39.792	ng	97
33) 4-Chloroaniline	8.19	127	365008	18.456	ng	98
34) Hexachlorobutadiene	8.26	225	326079	40.038	ng	99
35) Caprolactam	8.57	113	186569m	42.525	ng	
36) 4-Chloro-3-methylphenol	8.68	107	589451	41.533	ng	98
37) 2-Methylnaphthalene	8.83	142	1182087	39.535	ng	99
38) 1-Methylnaphthalene	8.93	142	1096245	39.395	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	545978	38.008	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121573.D
 Acq On : 15 Sep 2020 12:56
 Operator : JU/CG
 Sample : L3943-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357MS

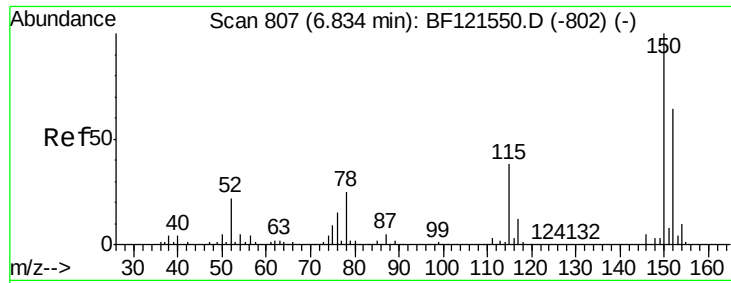
Manual Integrations
 APPROVED

mohammad
 9/16/2020 10:14:37 AM

Quant Time: Sep 15 13:45:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	465582	56.754	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	396352	40.480	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	427088	41.260	nq	94
46) 1,1'-Biphenyl	9.29	154	1394561	37.879	nq	99
47) 2-Chloronaphthalene	9.32	162	1009518	34.797	nq	99
48) 2-Nitroaniline	9.42	65	396138	43.940	nq	98
49) Acenaphthylene	9.73	152	1722457	38.641	nq	99
50) Dimethylphthalate	9.60	163	1729426	51.886	nq	98
51) 2,6-Dinitrotoluene	9.66	165	308213	43.420	nq #	88
52) Acenaphthene	9.90	154	1160210m	41.208	nq	
53) 3-Nitroaniline	9.83	138	215035	26.150	nq	96
54) 2,4-Dinitrophenol	9.93	184	239050	60.833	nq	93
55) Dibenzofuran	10.08	168	1522870	38.409	nq	100
56) 4-Nitrophenol	10.01	139	523102	79.767	nq	96
57) 2,4-Dinitrotoluene	10.06	165	407642	45.647	nq	97
58) Fluorene	10.42	166	1095921	36.144	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	348576	41.423	nq	98
60) Diethylphthalate	10.30	149	1334489	41.065	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	535007	36.834	nq	96
62) 4-Nitroaniline	10.45	138	288022	35.277	nq	98
63) Azobenzene	10.57	77	1274662	36.833	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	161685	34.387	nq	97
66) n-Nitrosodiphenylamine	10.53	169	1074204	38.170	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	372140	39.845	nq	95
68) Hexachlorobenzene	10.97	284	410491	38.946	nq	95
69) Atrazine	11.06	200	269026	38.477	nq	99
70) Pentachlorophenol	11.17	266	441475	76.268	nq	99
71) Phenanthrene	11.38	178	1710134	38.263	nq	100
72) Anthracene	11.43	178	1722430	37.345	nq	99
73) Carbazole	11.59	167	1595941	38.345	nq	99
74) Di-n-butylphthalate	11.92	149	1979272	41.203	nq	100
75) Fluoranthene	12.57	202	2004433	42.012	nq	99
77) Benzidine	12.69	184	480693	20.425	nq	100
78) Pyrene	12.80	202	2020896	38.963	nq	100
80) Butylbenzylphthalate	13.42	149	945431	45.070	nq	99
81) Benzo(a)anthracene	13.99	228	1737813	38.694	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	562113	32.059	nq	100
83) Chrysene	14.03	228	1735431	38.159	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1259249	44.936	nq	100
85) Di-n-octyl phthalate	14.59	149	2286880	46.241	nq	100
87) Indeno(1,2,3-cd)pyrene	16.90	276	1606814	40.136	nq	100
88) Benzo(b)fluoranthene	15.03	252	1837125	44.703	nq	99
89) Benzo(k)fluoranthene	15.06	252	1493068	39.674	nq	98
90) Benzo(a)pyrene	15.39	252	1450881	41.533	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	1332639	39.989	nq	99
92) Benzo(g,h,i)perylene	17.34	276	1324543	40.434	nq	98

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



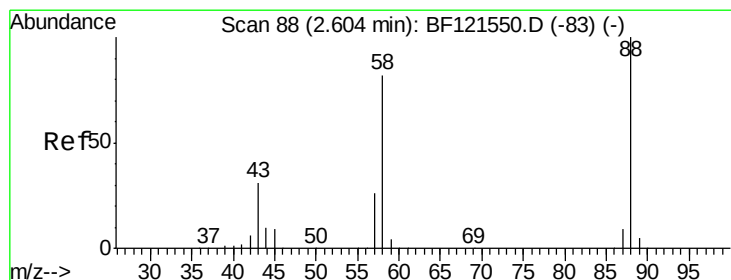
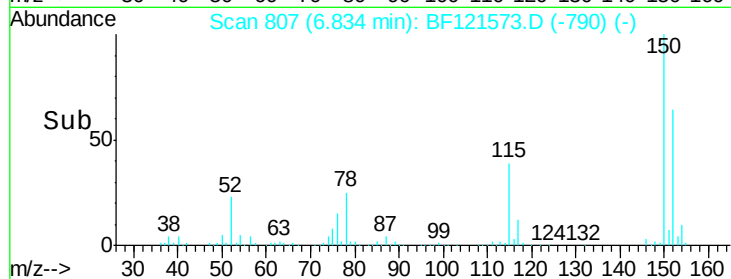
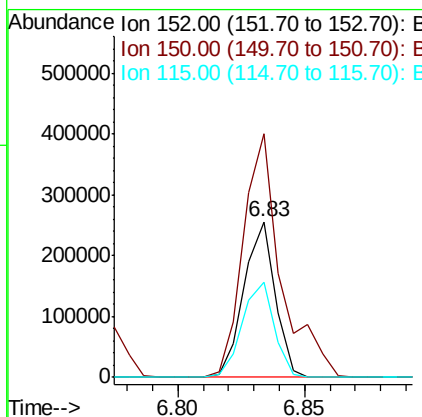
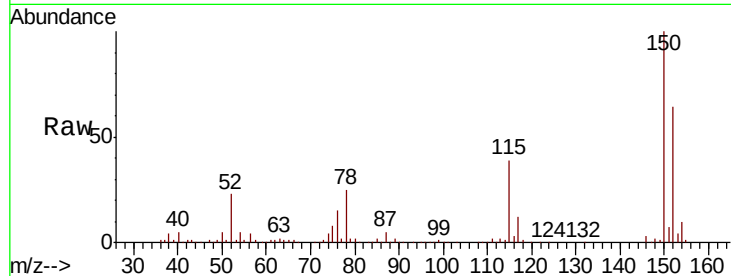
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.8	188.6
115	61.1	47.8	71.8

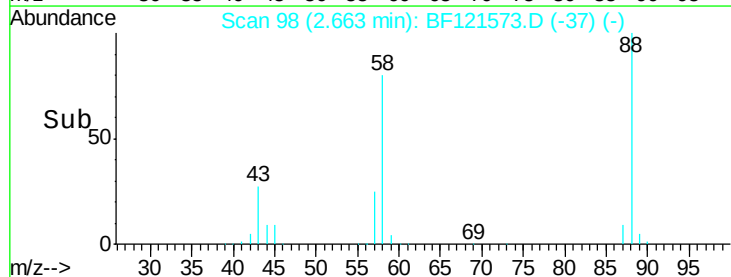
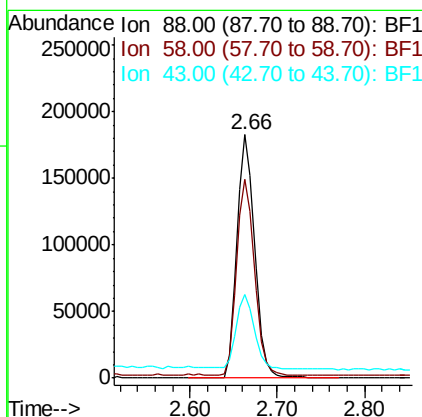
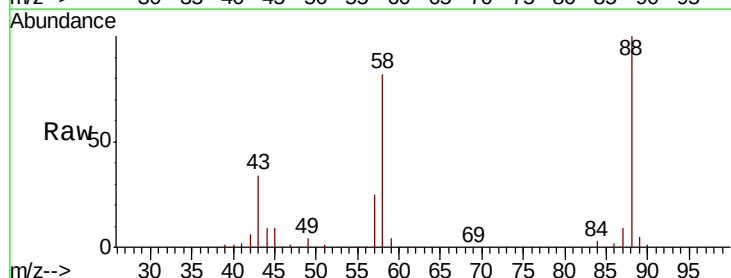
Manual Integrations
 APPROVED

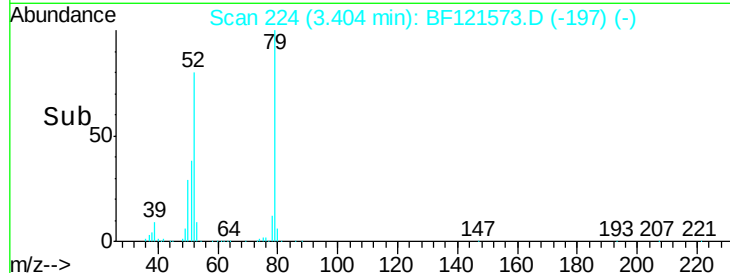
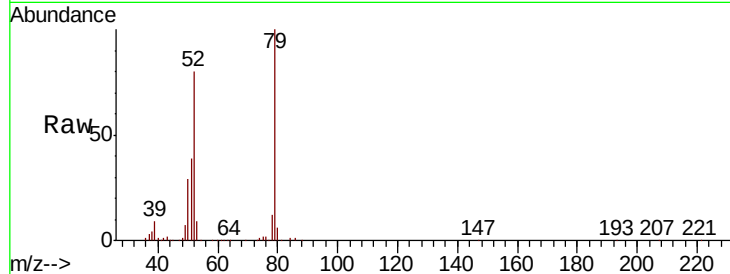
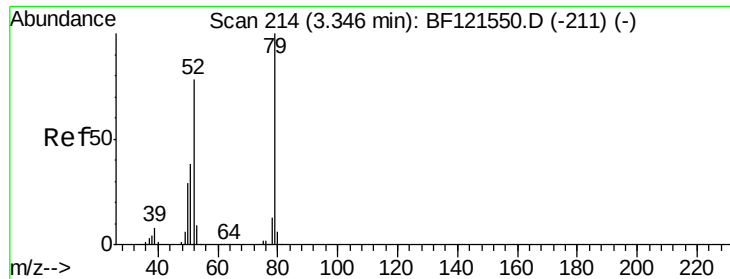
mohammad
 9/16/2020 10:14:37 AM



#2
 1,4-Dioxane
 Concen: 36.309 ng
 RT: 2.66 min Scan# 98
 Delta R.T. 0.06 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	65.1	97.7
43	31.3	25.0	37.4





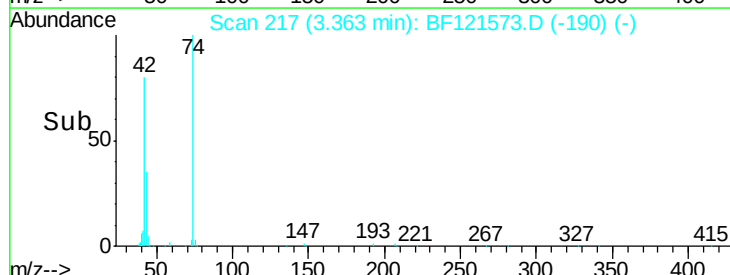
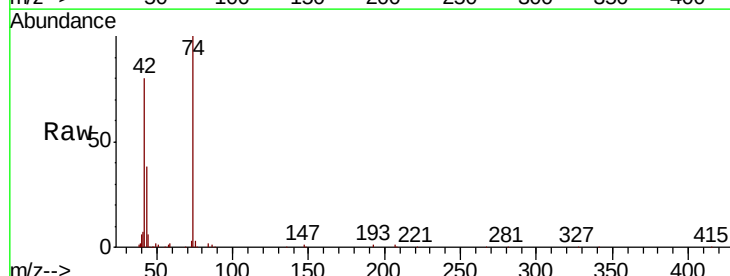
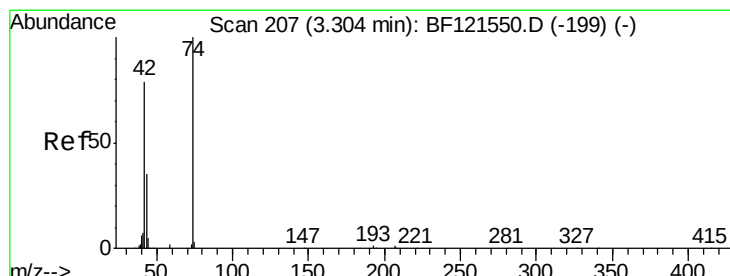
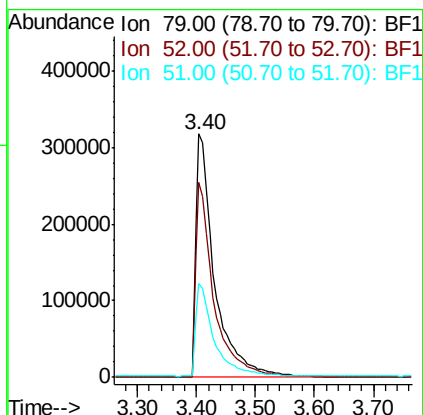
#3
 Pvridine
 Concen: 37.412 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.06 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.1	62.2	93.2
51	38.8	30.6	45.8

Instrument :
 BNA_F
 ClientSampleId :
 357MS

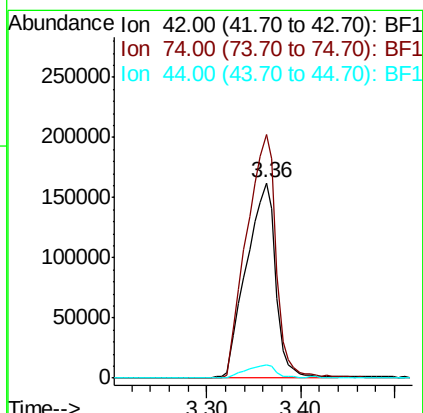
Manual Integrations
 APPROVED

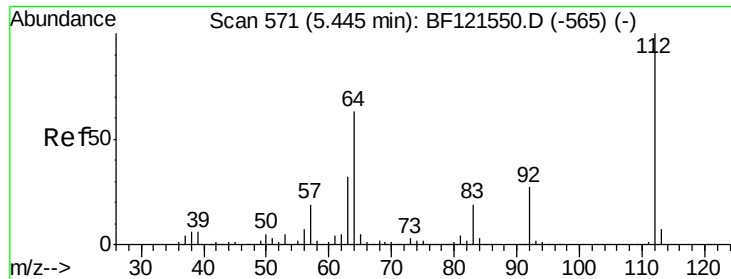
mohammad
 9/16/2020 10:14:37 AM



#4
 n-Nitrosodimethylamine
 Concen: 40.011 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.06 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.5	101.7	152.5
44	7.1	5.4	8.2





#5

2-Fluorophenol

Concen: 83.776 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

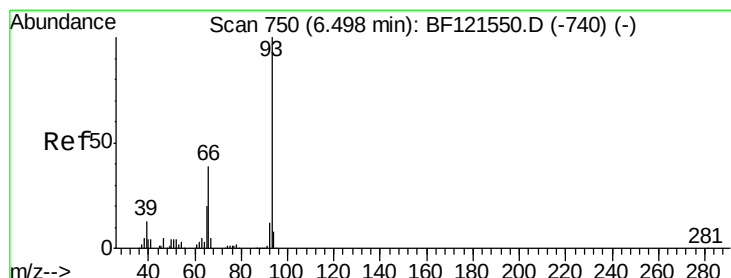
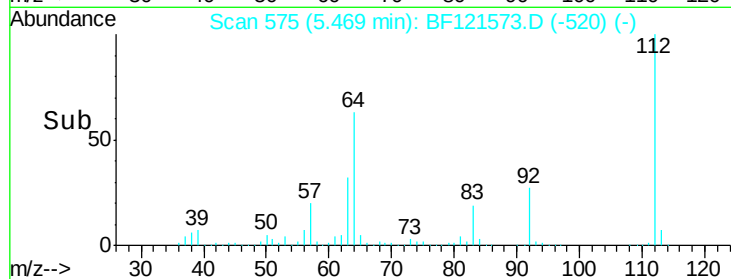
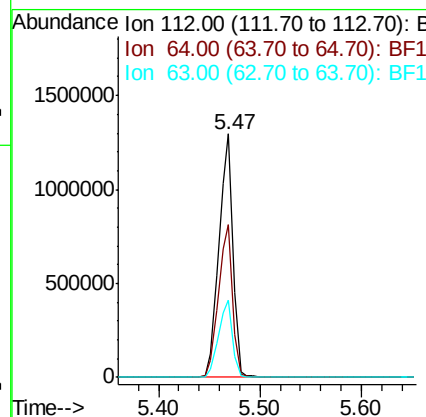
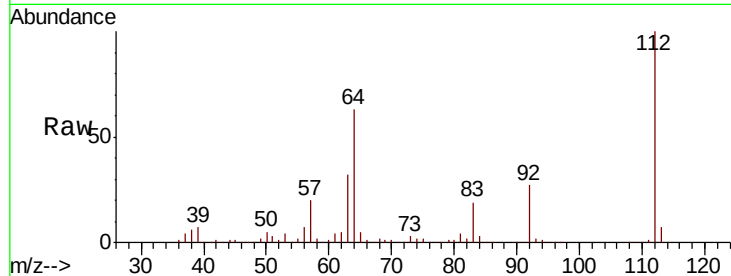
ClientSampleId :

357MS

Tot Ion:	112	Resp:	1241923
Ion Ratio	Lower	Upper	
112	100		
64	62.9	50.3	75.5
63	31.6	25.6	38.4

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM



#6

Aniline

Concen: 23.372 ng

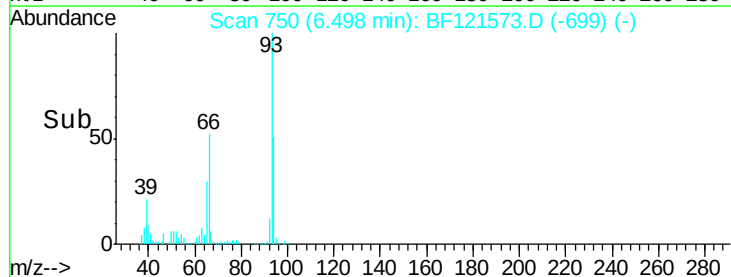
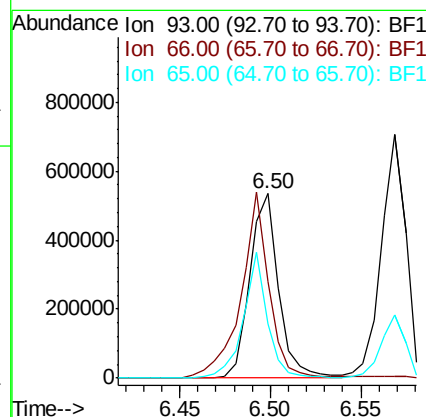
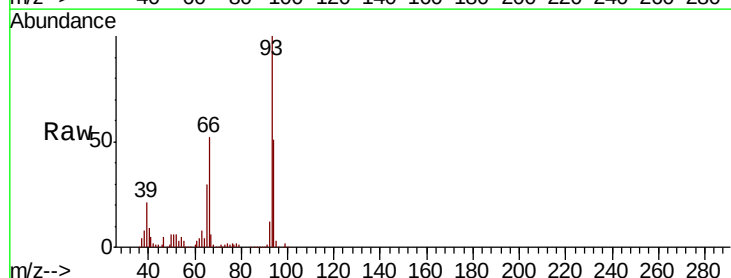
RT: 6.50 min Scan# 750

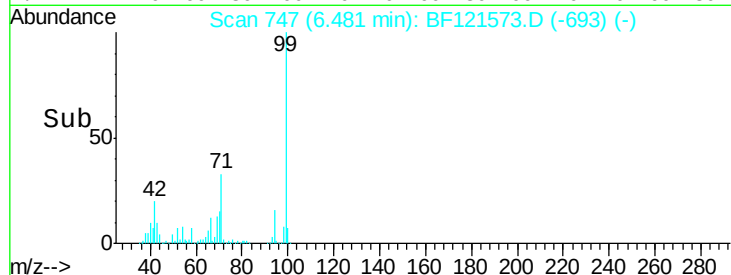
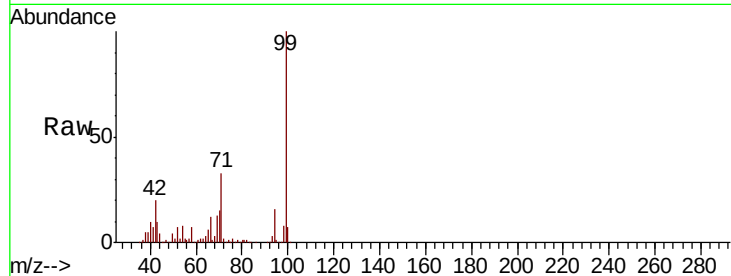
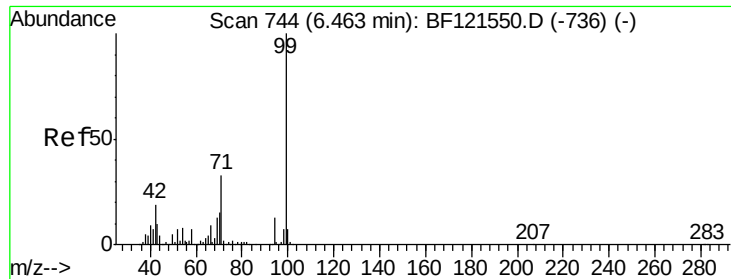
Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Tgt Ion:	93	Resp:	592011
Ion Ratio	Lower	Upper	
93	100		
66	52.2	31.8	47.8#
65	29.6	16.2	24.2#





#7

Phenol-d6

Concen: 84.466 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Tot Ion:	99	Resp:	1642746
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.5	23.3
71	33.4	26.1	39.1

Instrument :

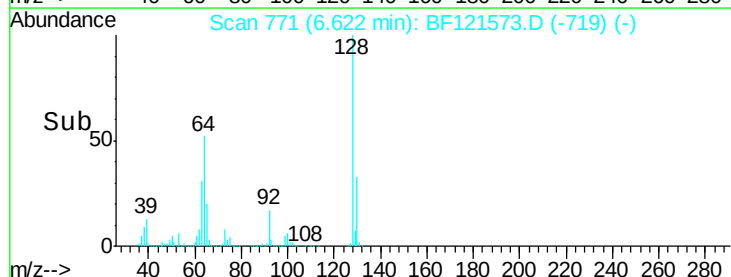
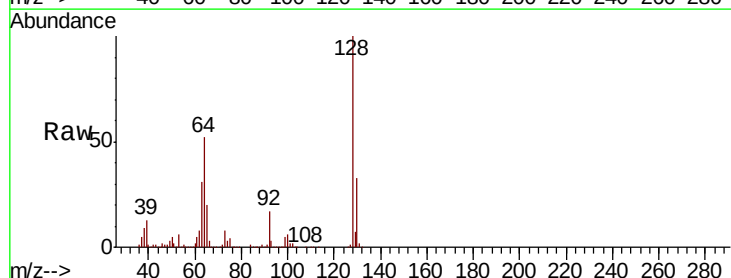
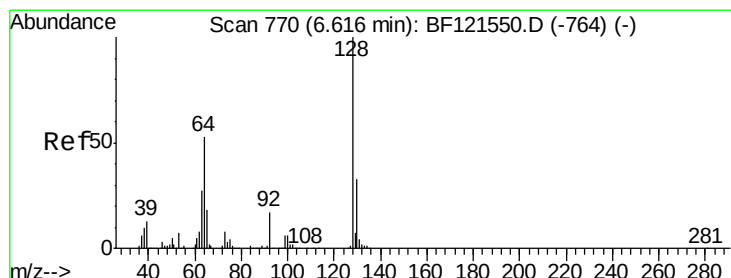
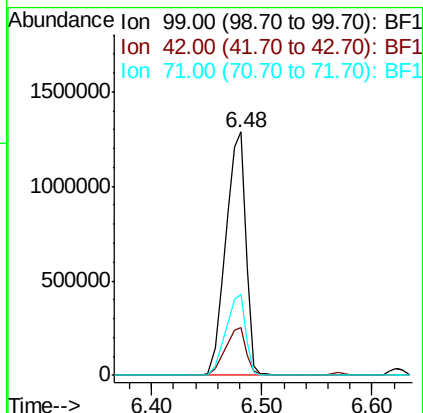
BNA_F

ClientSampleId :

357MS

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM



#8

2-Chlorophenol

Concen: 42.279 ng

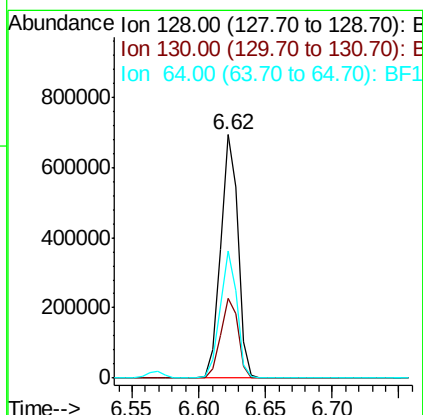
RT: 6.62 min Scan# 771

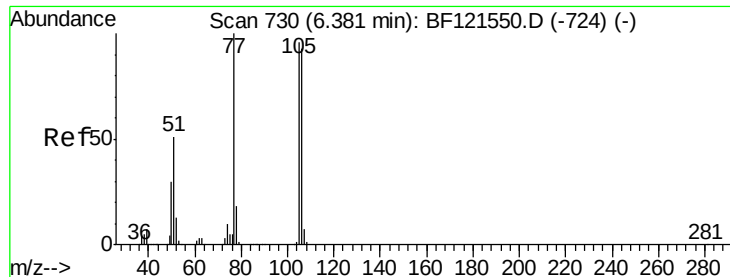
Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Tgt Ion:	128	Resp:	638131
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	52.4	33.1	73.1





#9

Benzaldehyde

Concen: 27.189 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

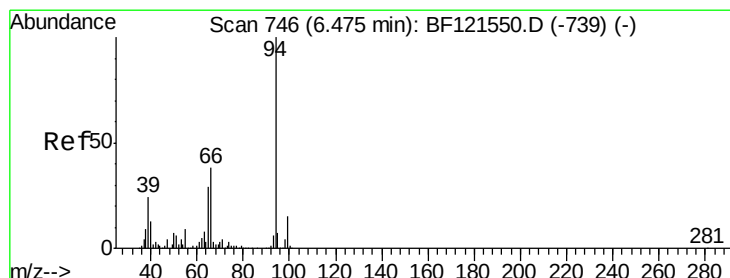
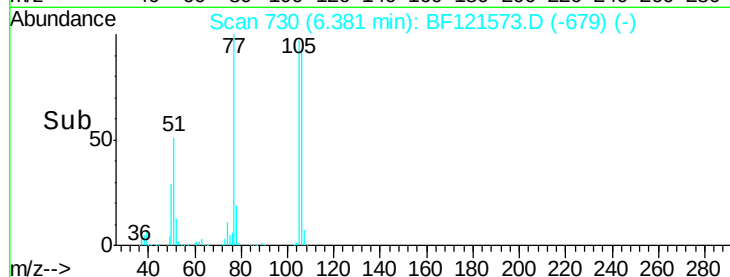
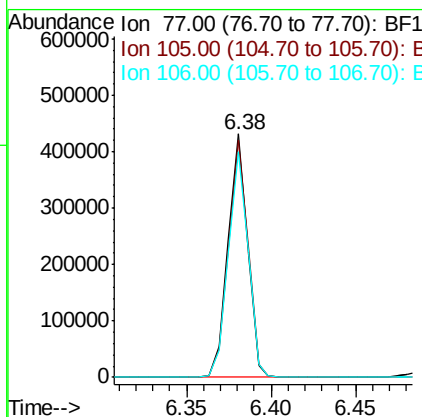
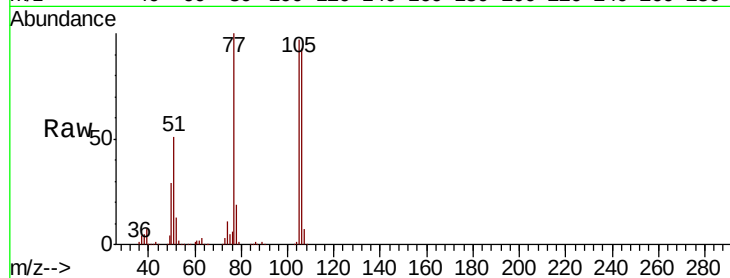
ClientSampleId :

357MS

Tot Ion:	77	Resp:	345688
Ion	Ratio	Lower	Upper
77	100		
105	97.3	76.4	116.4
106	92.5	73.5	113.5

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM



#10

Phenol

Concen: 38.359 ng

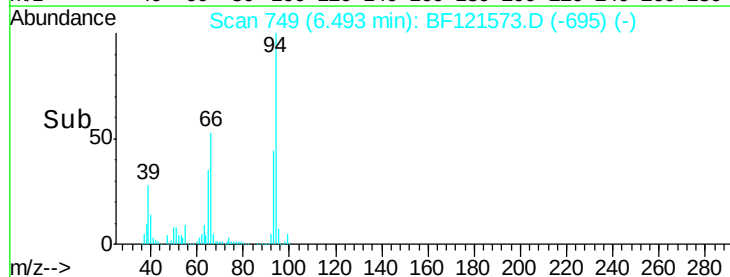
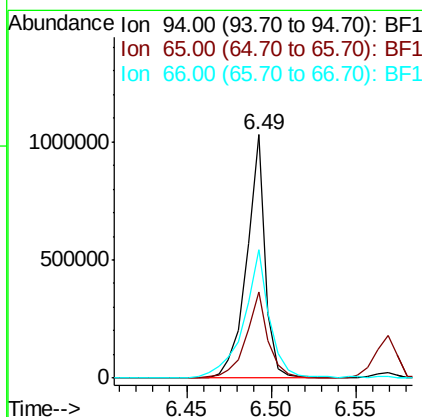
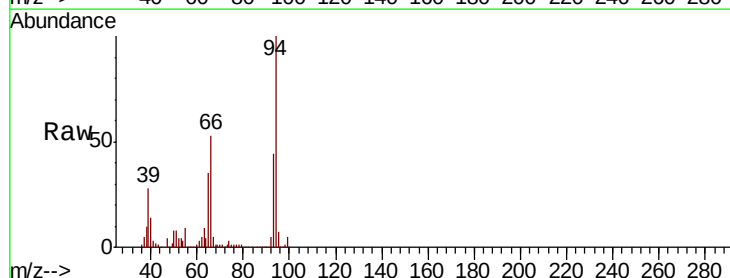
RT: 6.49 min Scan# 749

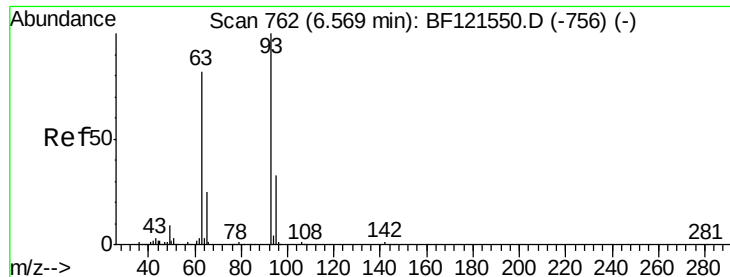
Delta R.T. 0.02 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Tgt Ion:	94	Resp:	794432
Ion	Ratio	Lower	Upper
94	100		
65	35.5	9.4	49.4
66	52.5	18.3	58.3





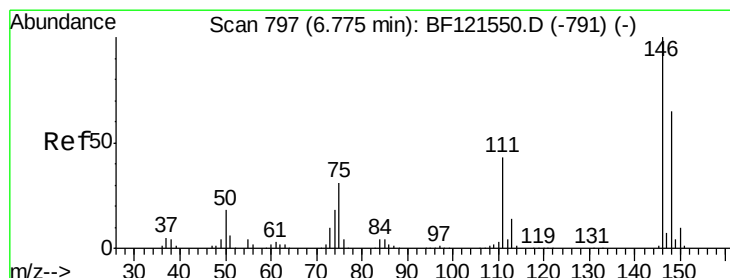
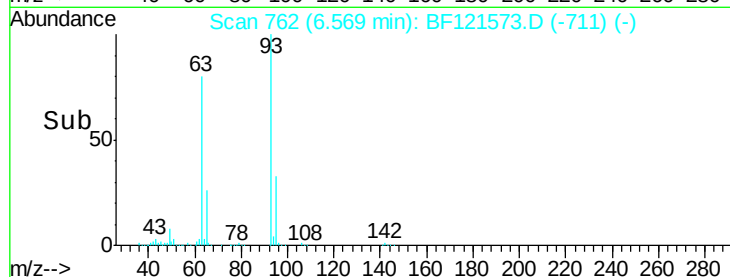
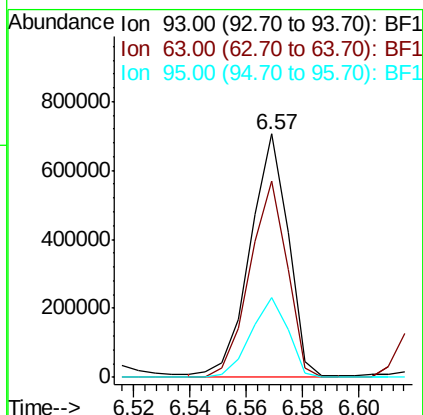
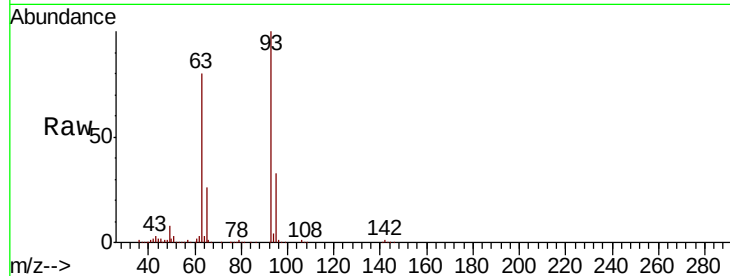
#11
bis(2-Chloroethyl)ether
Concen: 42.485 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion:	93	Resp:	663160
Ion Ratio	Lower	Upper	
93	100		
63	80.4	61.7	101.7
95	32.7	12.7	52.7

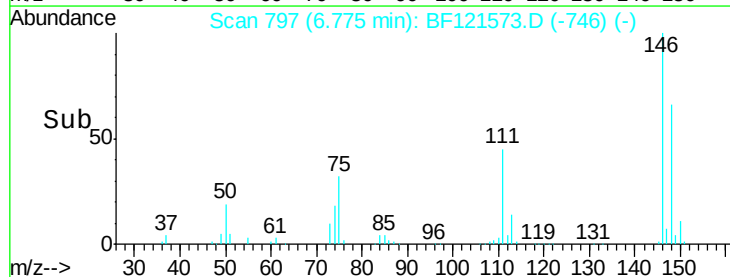
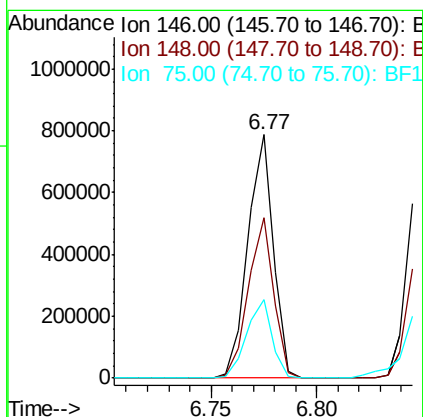
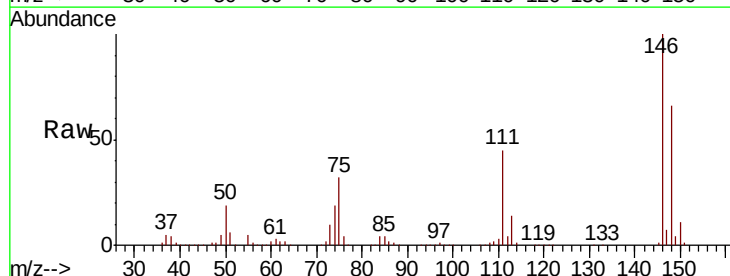
Manual Integrations
APPROVED

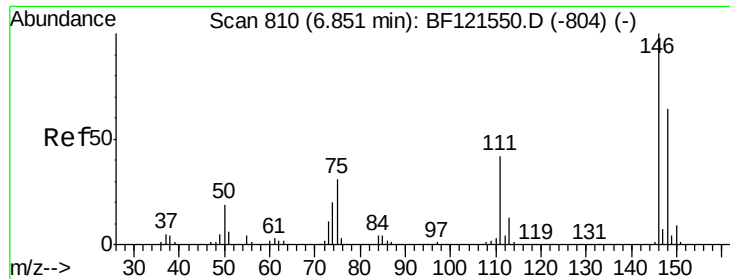
mohammad
9/16/2020 10:14:37 AM



#12
1,3-Dichlorobenzene
Concen: 39.370 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:	146	Resp:	663243
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.8	77.8
75	32.0	24.6	36.8





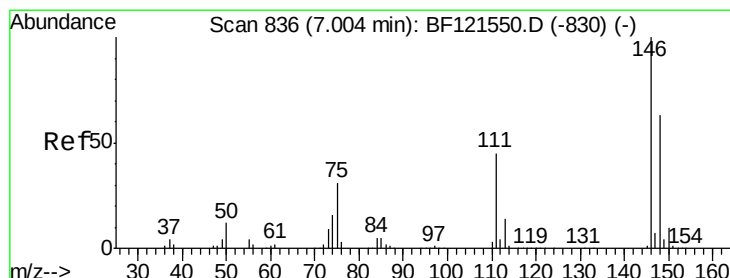
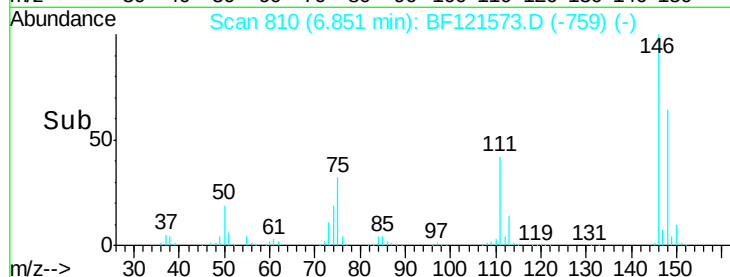
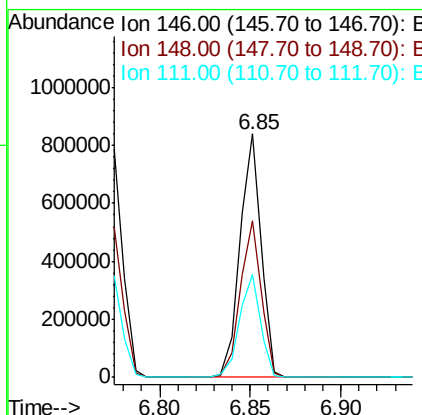
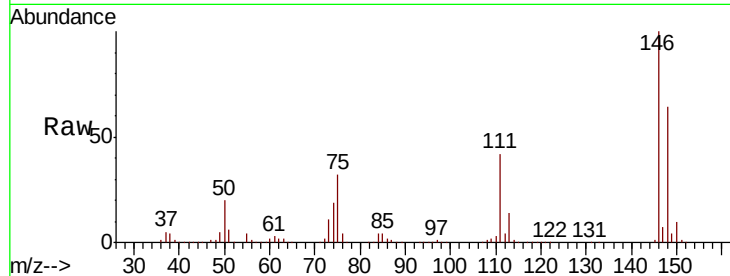
#13
1,4-Dichlorobenzene
Concen: 39.981 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	42.5	33.4	50.0

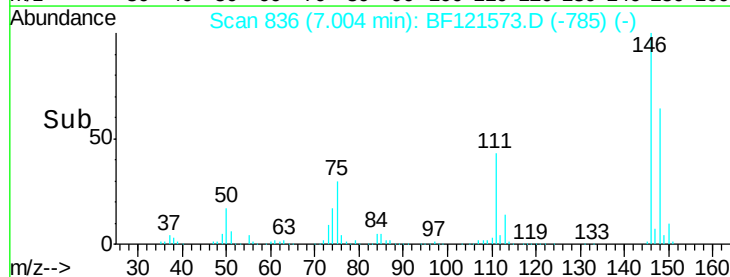
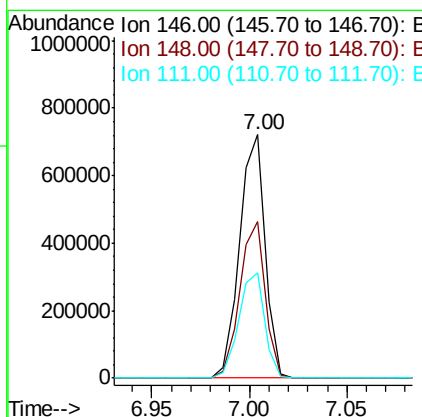
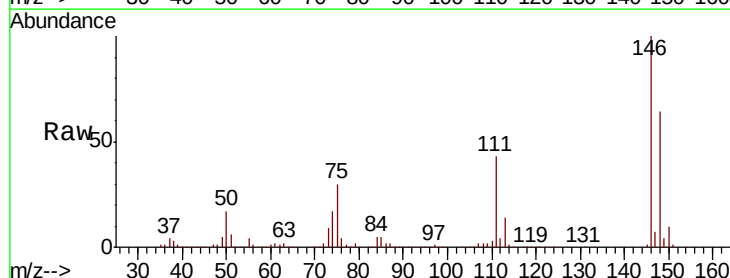
Manual Integrations
APPROVED

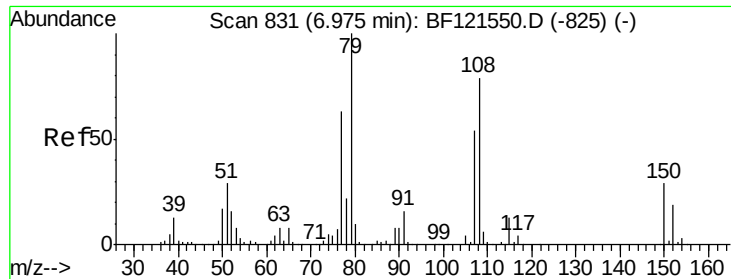
mohammad
9/16/2020 10:14:37 AM



#14
1,2-Dichlorobenzene
Concen: 41.911 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.7	76.1
111	43.3	35.8	53.6





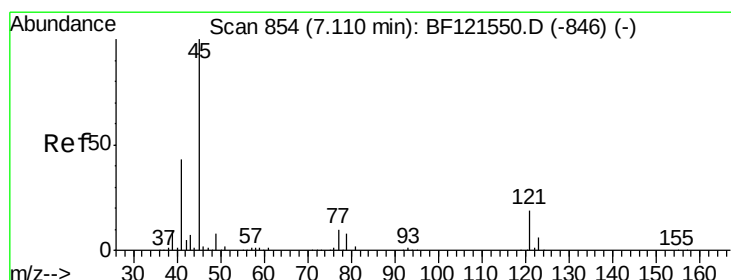
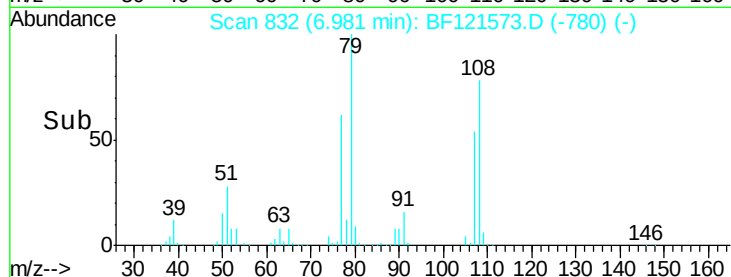
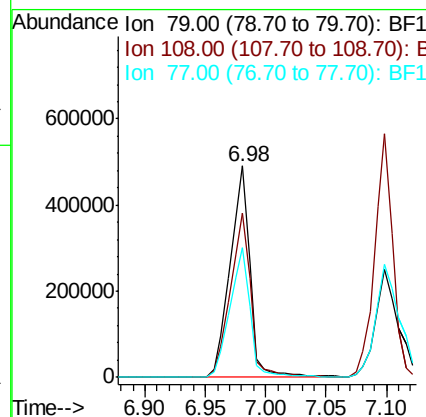
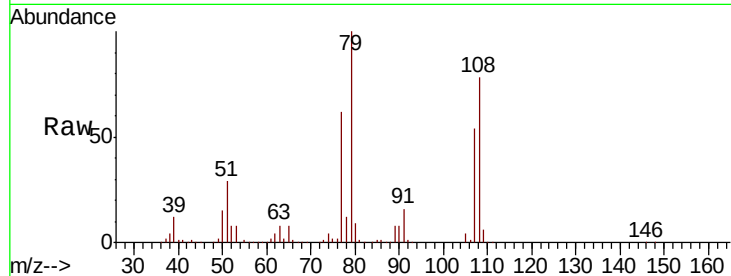
#15
Benzyl Alcohol
Concen: 42.836 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampled :
357MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.0	63.1	94.7
77	61.7	50.2	75.2

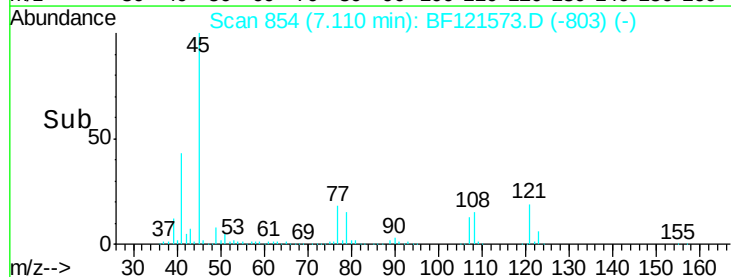
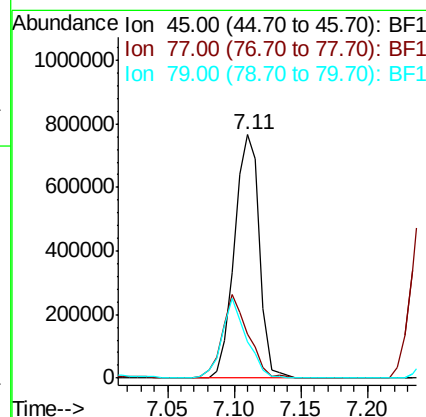
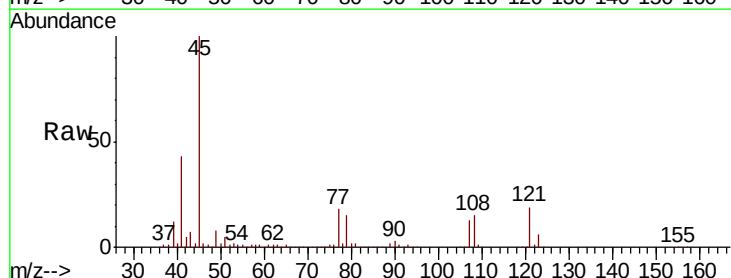
Manual Integrations
APPROVED

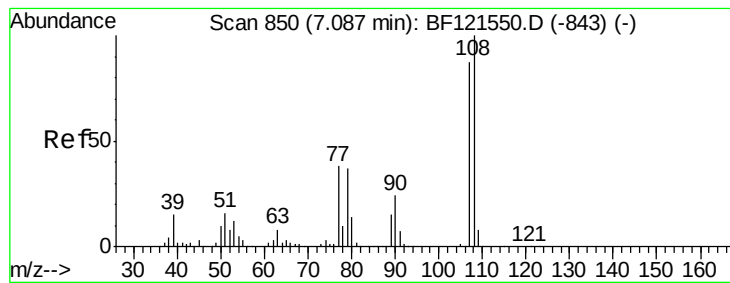
mohammad
9/16/2020 10:14:37 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.948 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	32.5
79	14.9	0.0	29.8





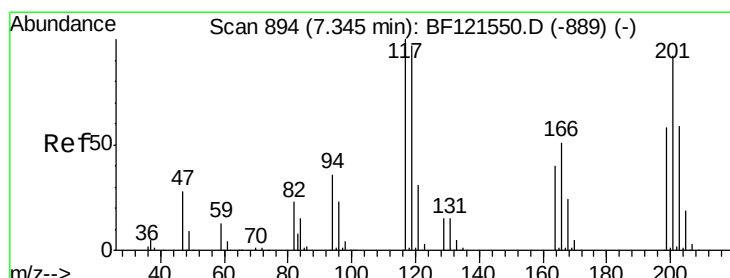
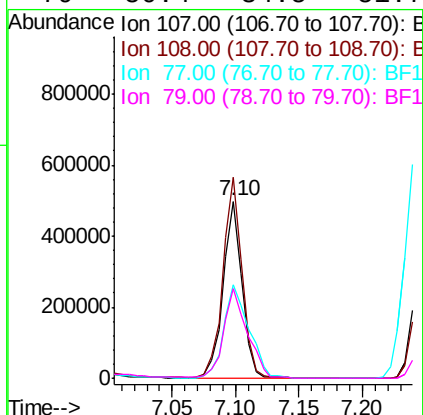
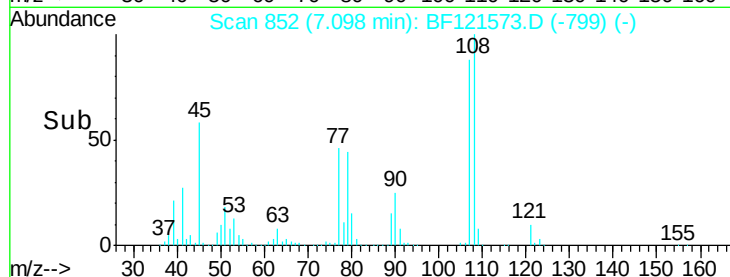
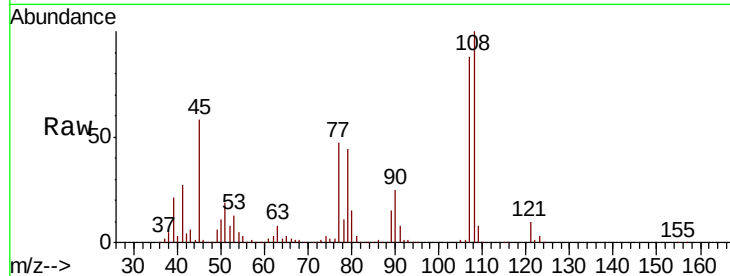
#17
2-Methylphenol
Concen: 40.359 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.4	92.1	138.1	
77	77	52.7	35.5	53.3	
79	79	50.4	34.5	51.7	

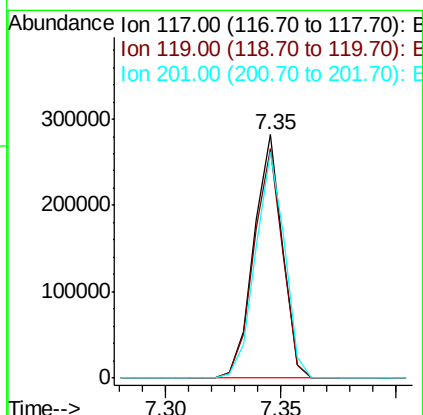
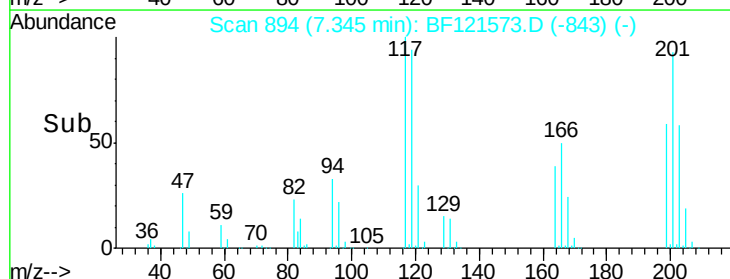
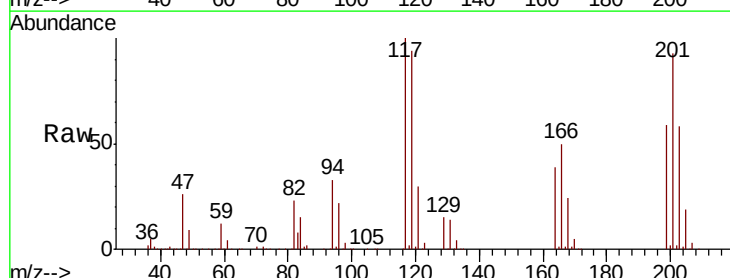
Manual Integrations
APPROVED

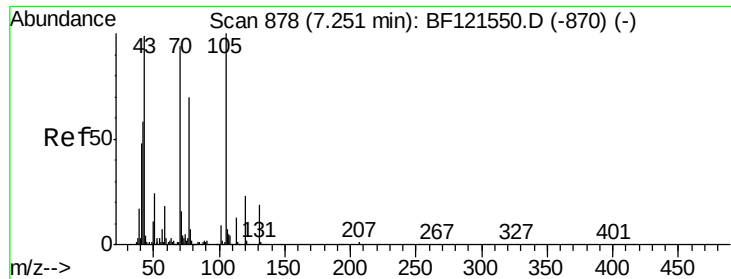
mohammad
9/16/2020 10:14:37 AM



#18
Hexachloroethane
Concen: 40.212 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.1	77.2	115.8	
201	201	92.9	73.7	110.5	





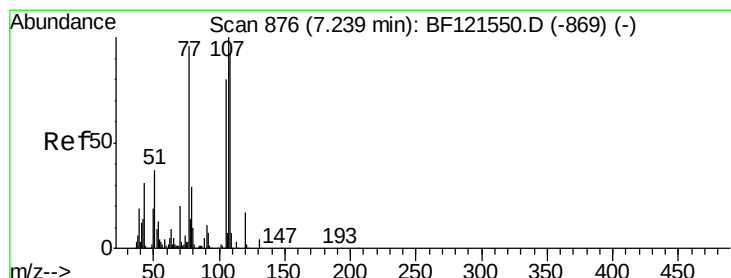
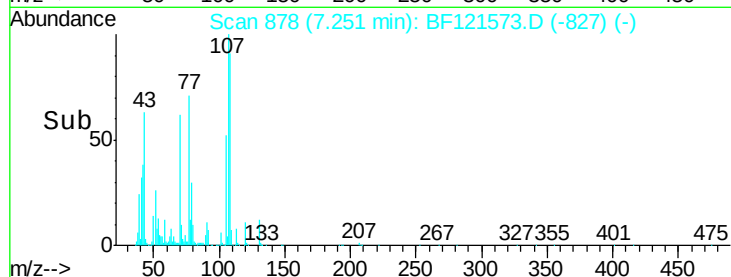
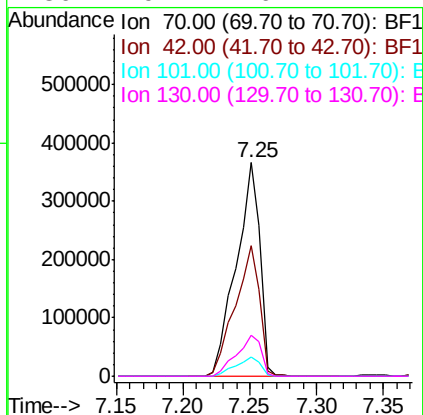
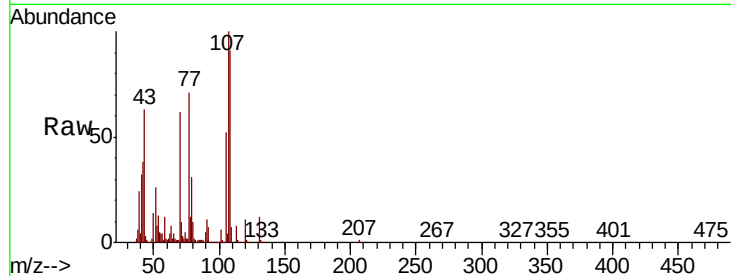
#19
n-Nitroso-di-n-propylamine
Concen: 40.442 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampled :
357MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		453310		
42	61.4	49.4	74.2		
101	9.2	7.6	11.4		
130	19.1	16.2	24.4		

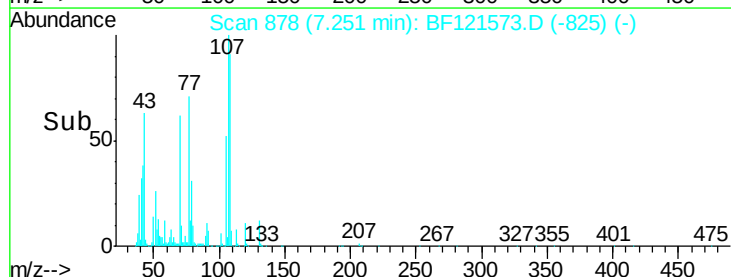
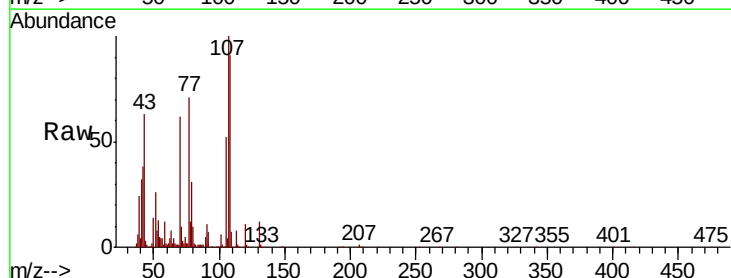
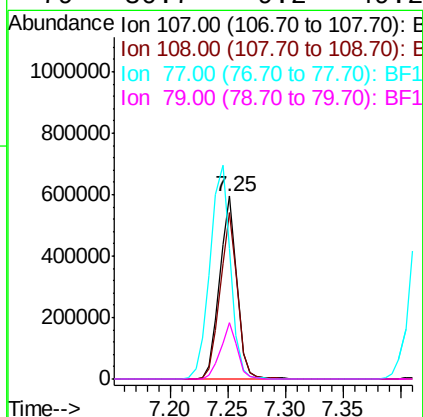
Manual Integrations
APPROVED

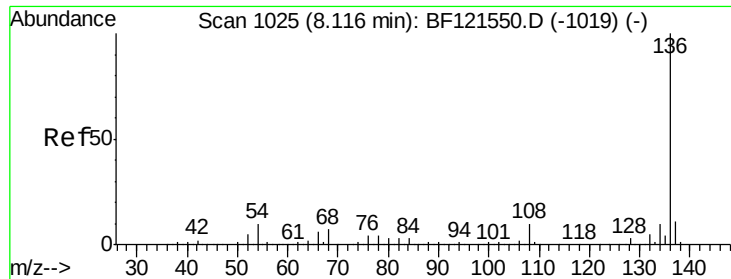
mohammad
9/16/2020 10:14:37 AM



#20
3+4-Methylphenols
Concen: 40.135 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		619271		
108	91.2	71.8	111.8		
77	71.2	75.5	115.5#		
79	30.7	9.2	49.2		





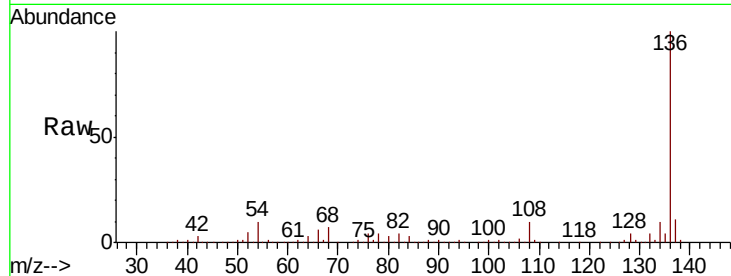
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampled :
357MS

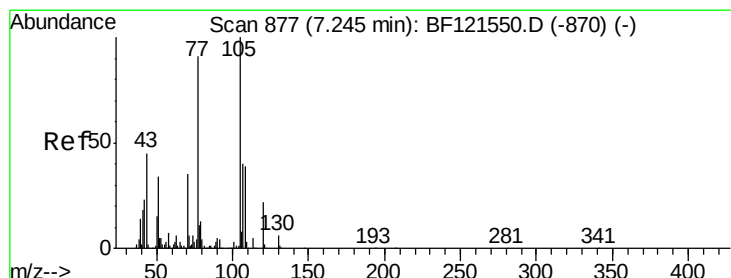
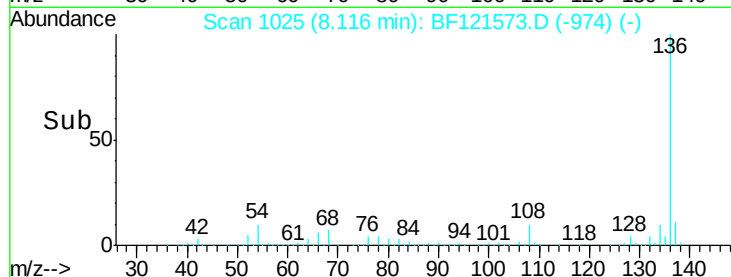
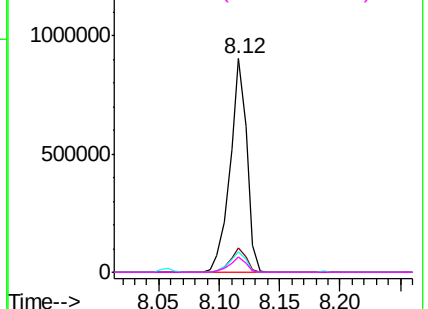
Tot Ion	Ratio	Resp	Lower	Upper
136	100	864304		
137	11.4		9.0	13.6
54	9.7		7.6	11.4
68	7.2		5.7	8.5

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM



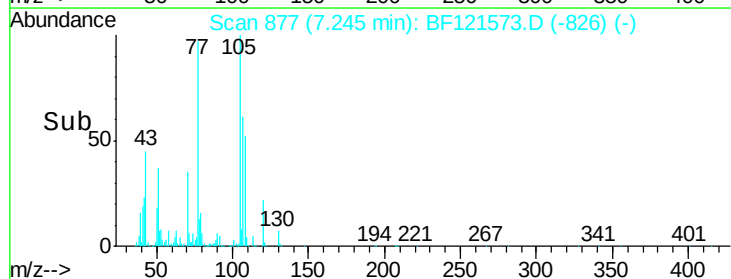
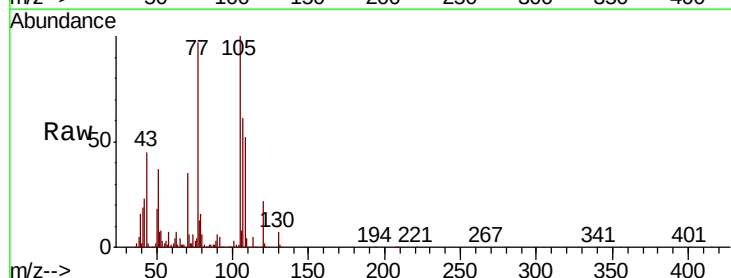
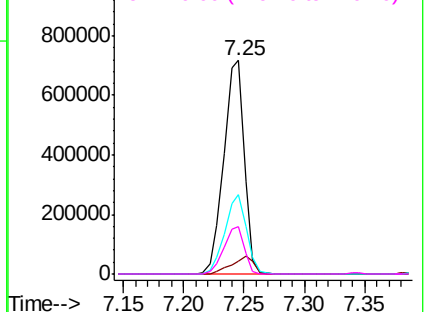
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

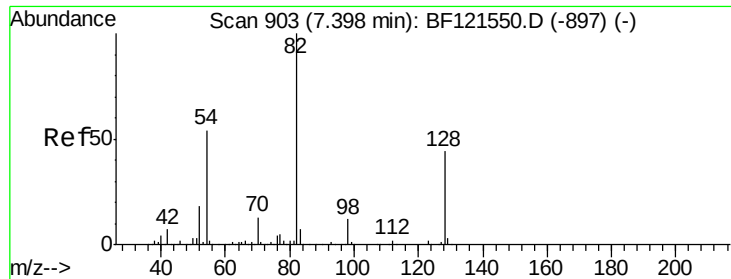


#22
Acetophenone
Concen: 38.381 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	841648		
71	6.3		4.6	7.0
51	37.0		27.6	41.4
120	22.0		17.4	26.2

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





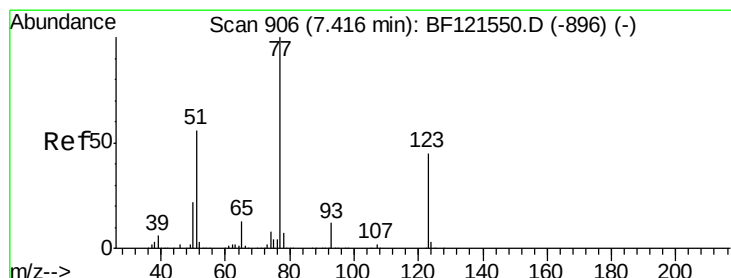
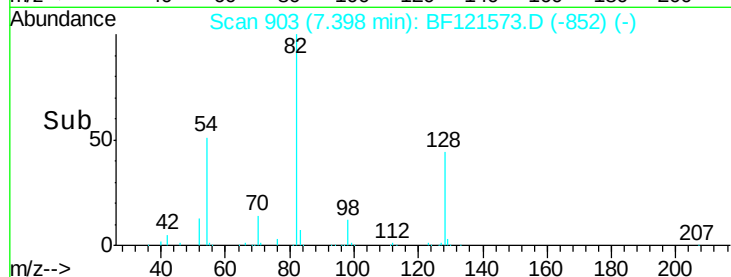
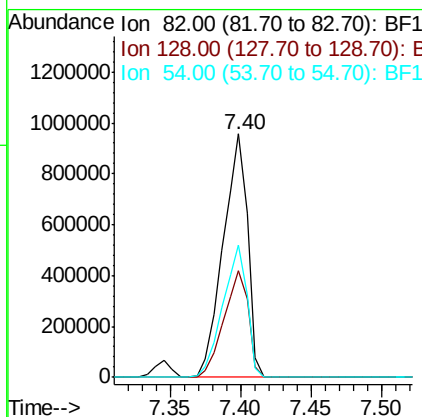
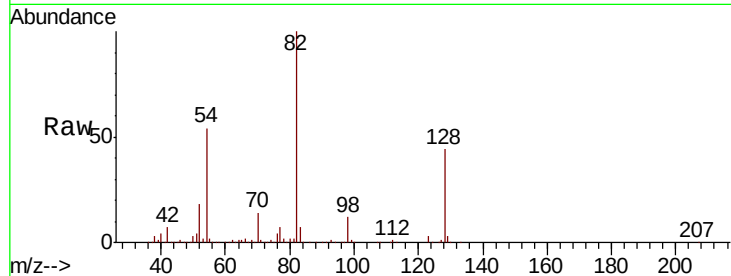
#23
 Nitrobenzene-d5
 Concen: 71.168 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.1	52.7
54	54.3	43.0	64.6

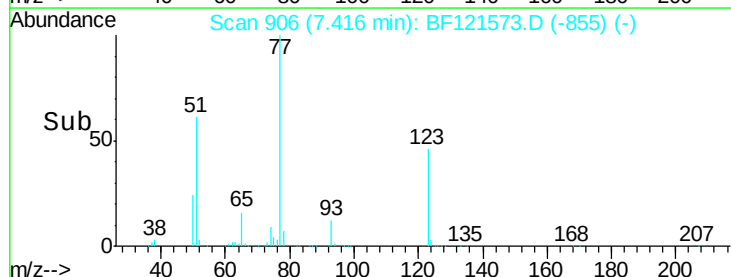
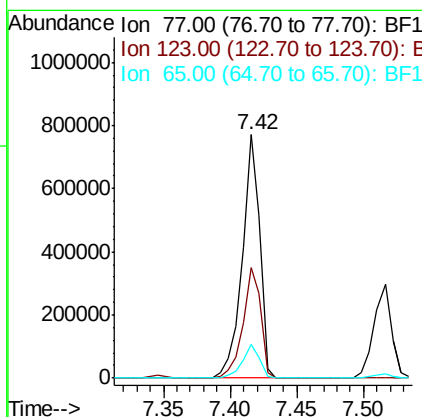
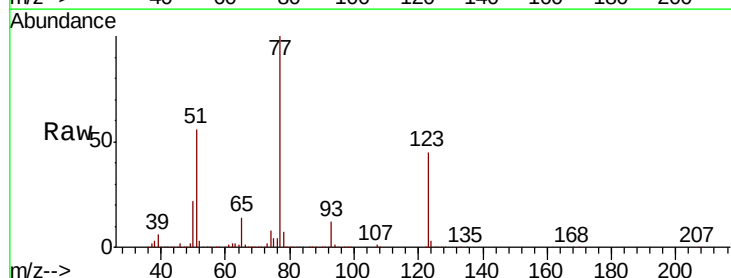
Manual Integrations
 APPROVED

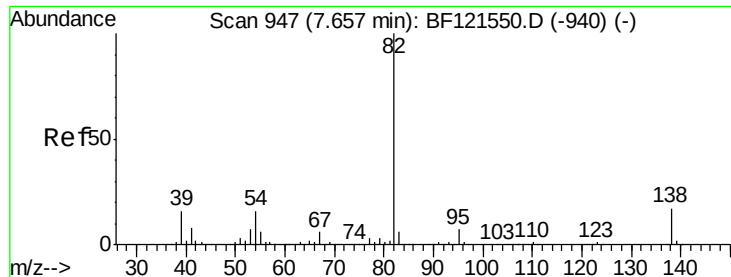
mohammad
 9/16/2020 10:14:37 AM



#24
 Nitrobenzene
 Concen: 40.117 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	35.8	53.8
65	13.8	10.7	16.1





#25

Isophorone

Concen: 39.568 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

Tot Ion: 82 Resp: 1282168

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

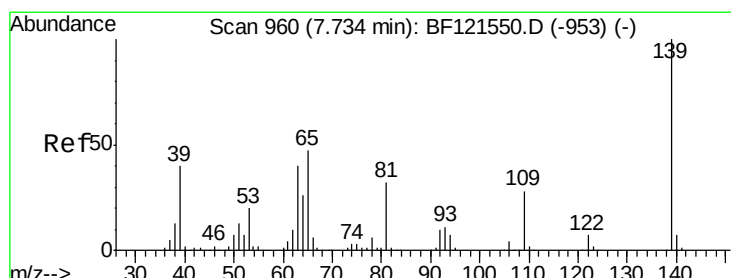
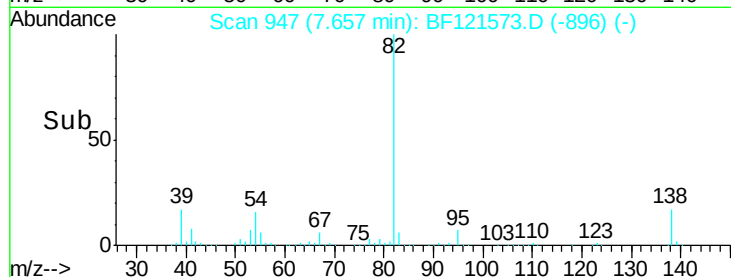
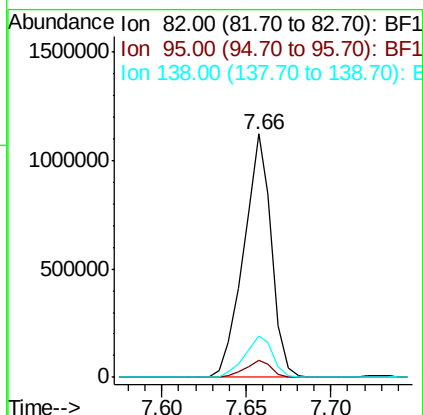
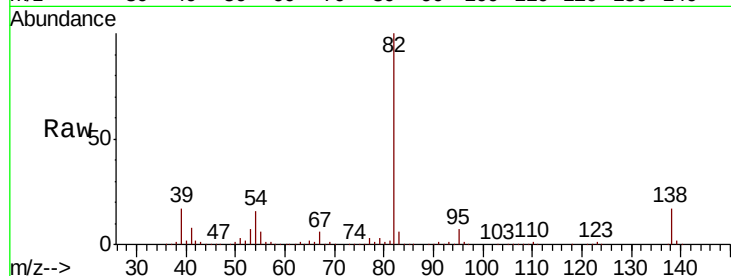
138 16.9 13.7 20.5

Manual Integrations

APPROVED

mohammad

9/16/2020 10:14:37 AM



#26

2-Nitrophenol

Concen: 40.257 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

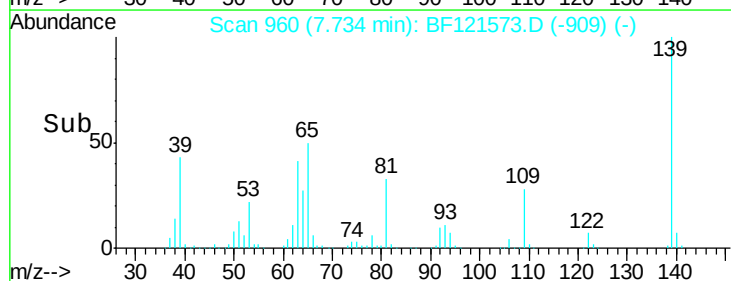
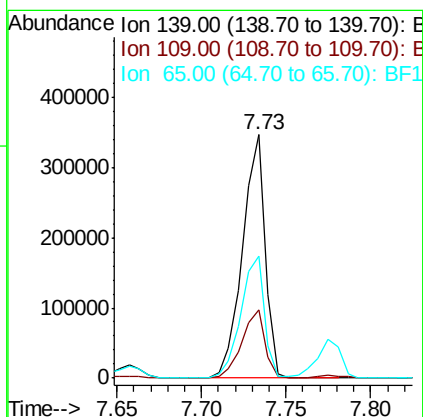
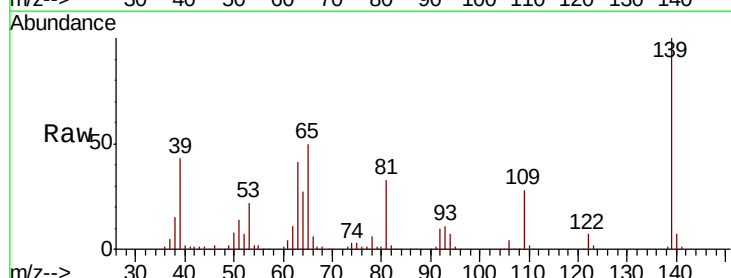
Tgt Ion: 139 Resp: 326388

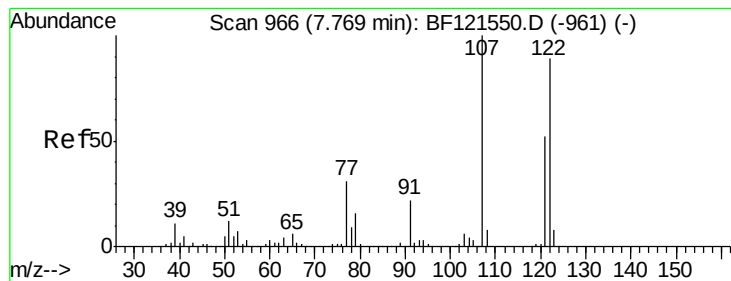
Ion Ratio Lower Upper

139 100

109 27.8 22.4 33.6

65 50.3 37.6 56.4





#27

2,4-Dimethylphenol

Concen: 37.867 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

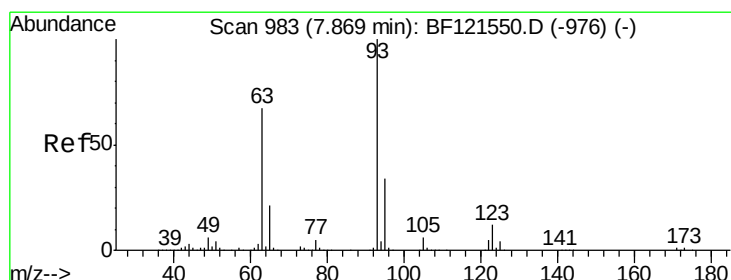
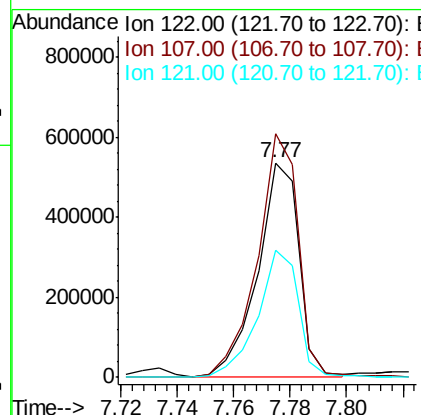
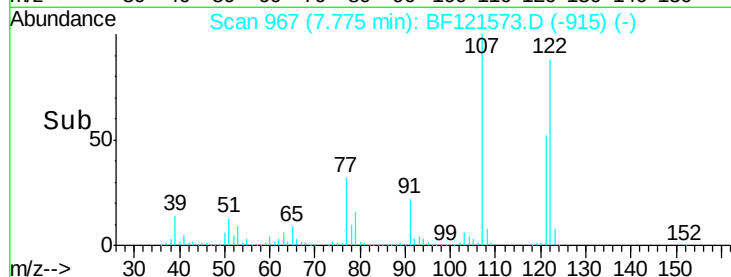
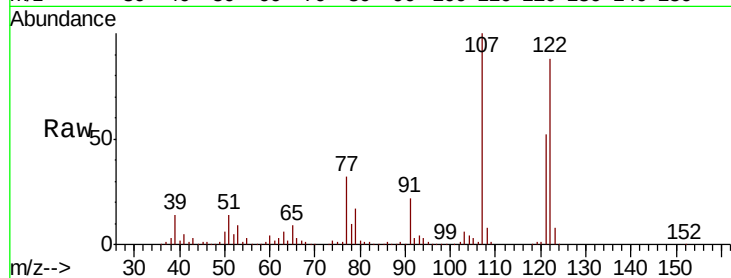
ClientSampled :

357MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	547732		
107	113.4	89.5	134.3	
121	59.1	46.6	70.0	

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM



#28

bis(2-Chloroethoxy)methane

Concen: 40.448 ng

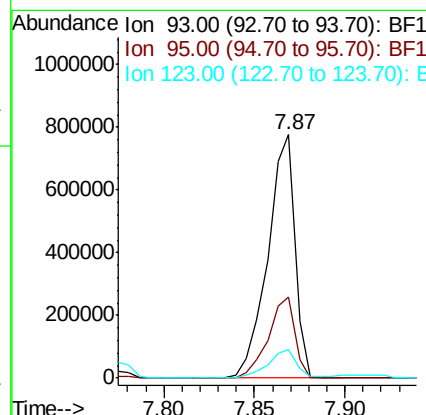
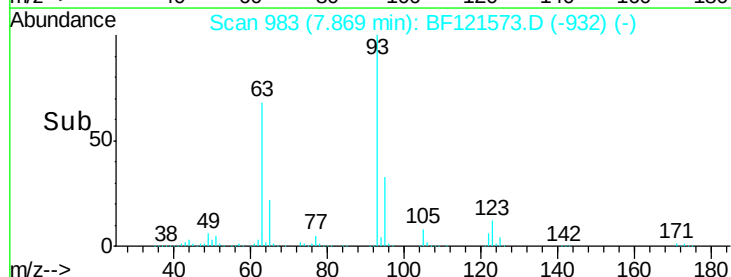
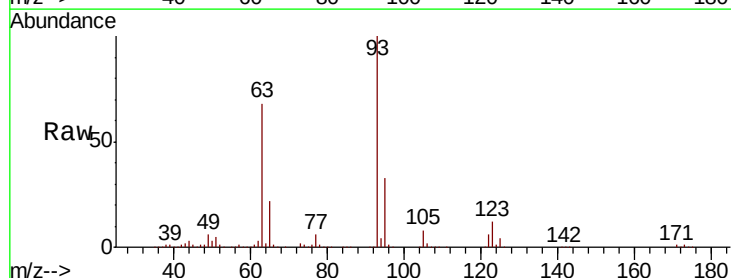
RT: 7.87 min Scan# 983

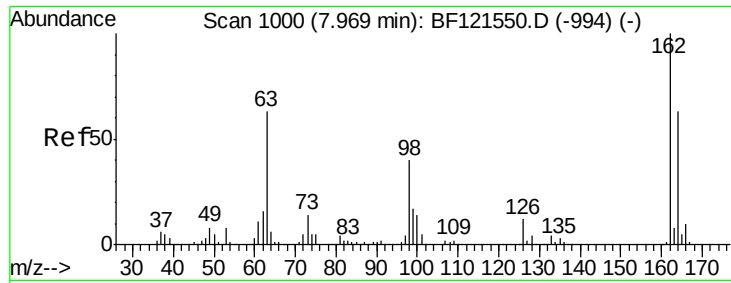
Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	811422		
95	33.3	26.8	40.2	
123	11.7	9.7	14.5	





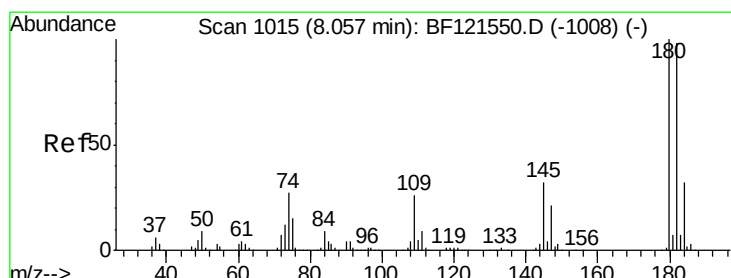
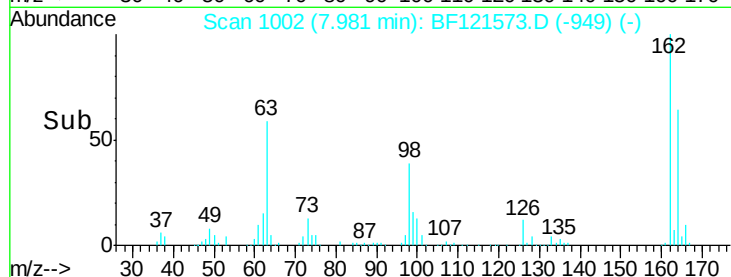
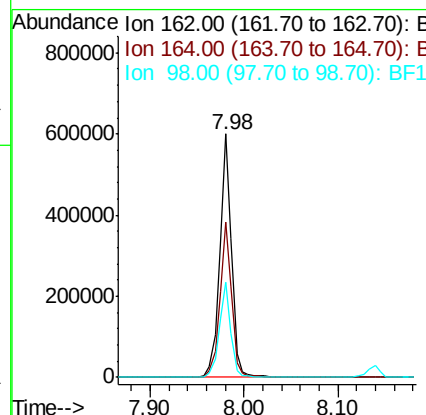
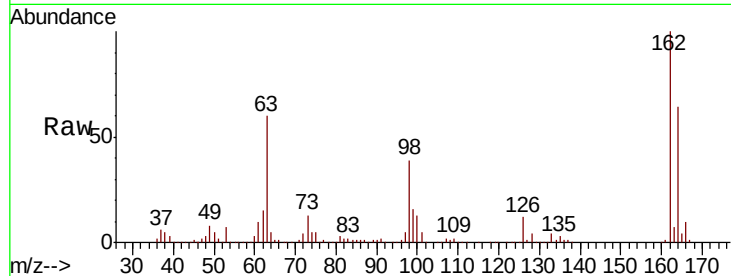
#29
 2,4-Dichlorophenol
 Concen: 40.719 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	43.5	83.5
98	39.0	20.2	60.2

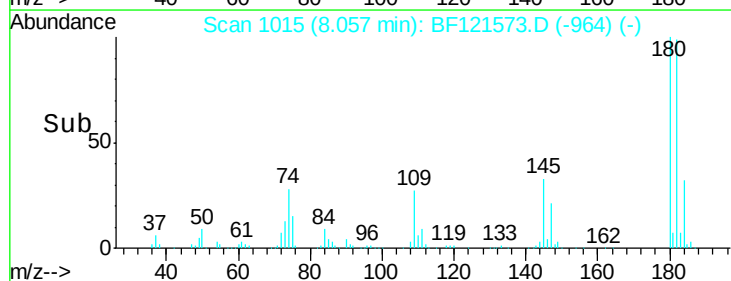
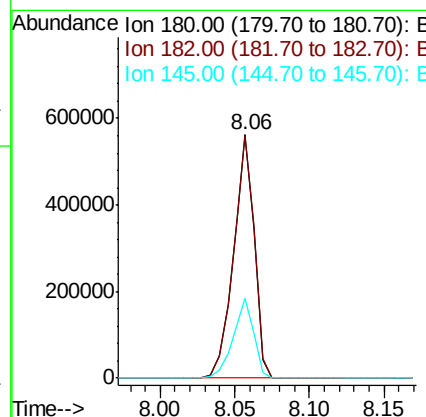
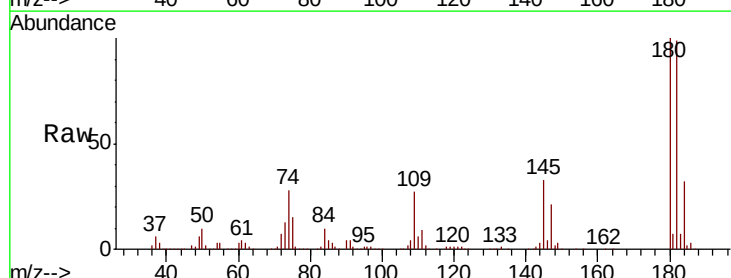
Manual Integrations
 APPROVED

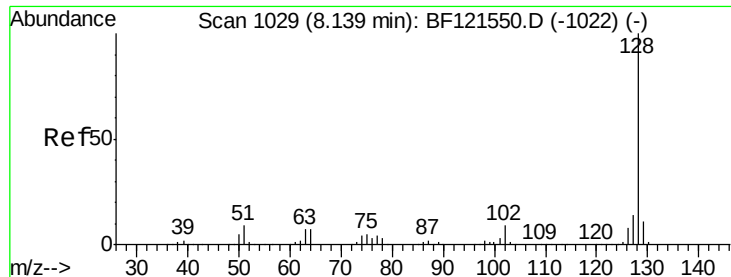
mohammad
 9/16/2020 10:14:37 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.558 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.4	78.7	118.1
145	32.7	26.0	39.0





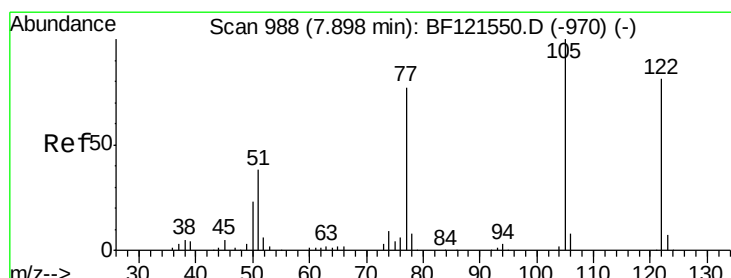
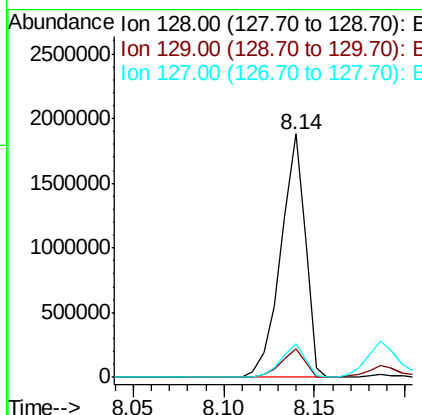
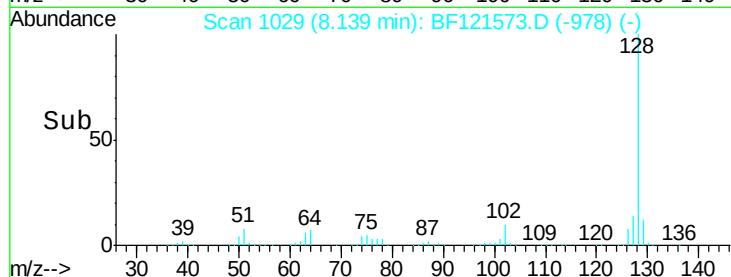
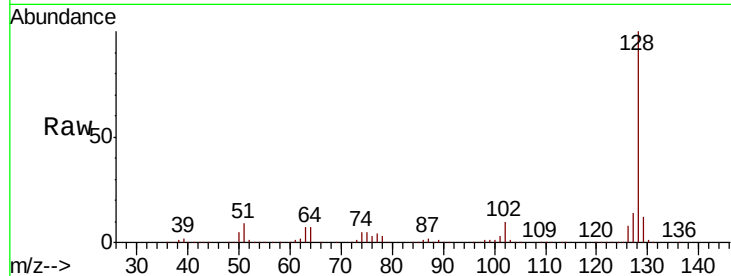
#31
Naphthalene
Concen: 38.833 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion:128 Resp: 1771784
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.7 11.0 16.6

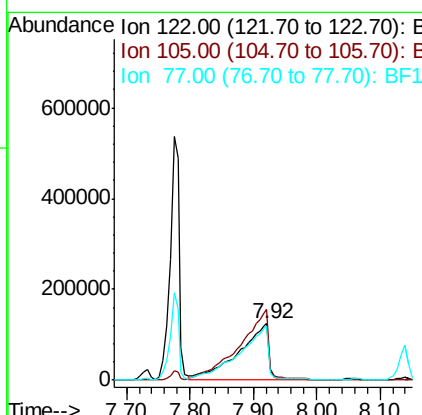
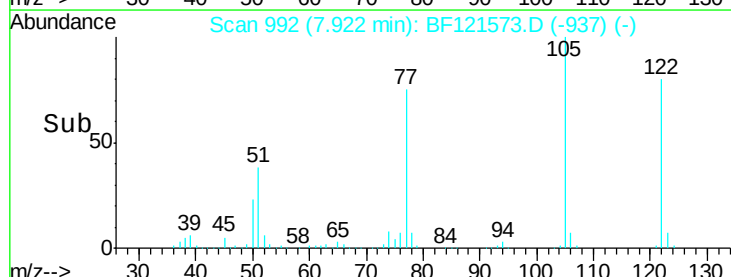
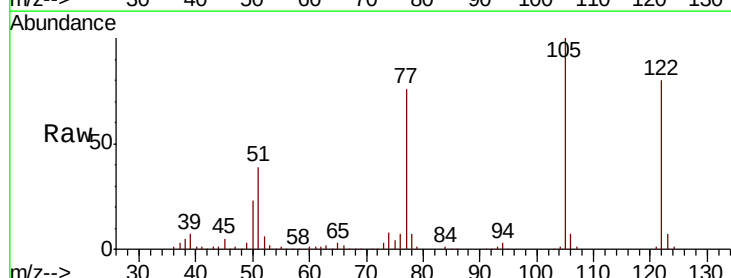
Manual Integrations
APPROVED

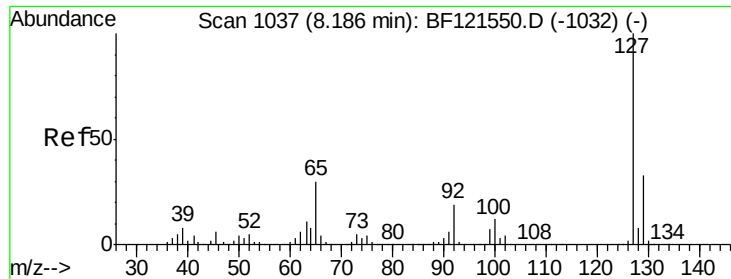
mohammad
9/16/2020 10:14:37 AM



#32
Benzoic acid
Concen: 39.792 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.02 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:122 Resp: 414478
Ion Ratio Lower Upper
122 100
105 124.7 100.5 140.5
77 95.2 72.6 112.6





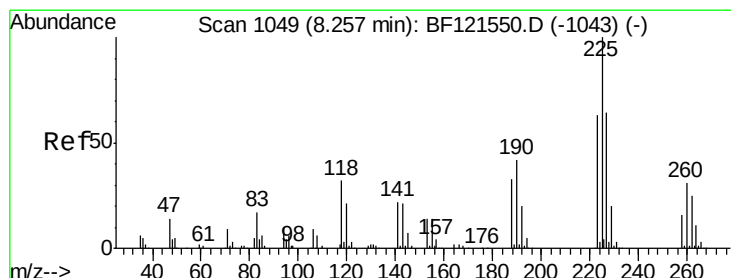
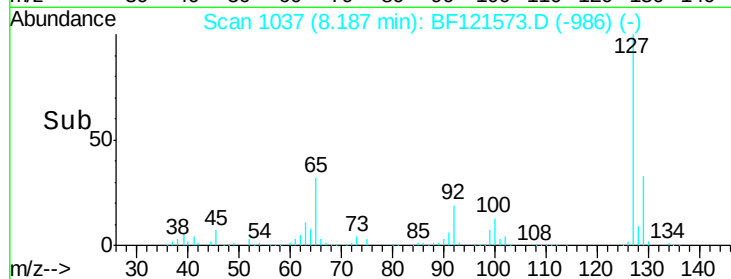
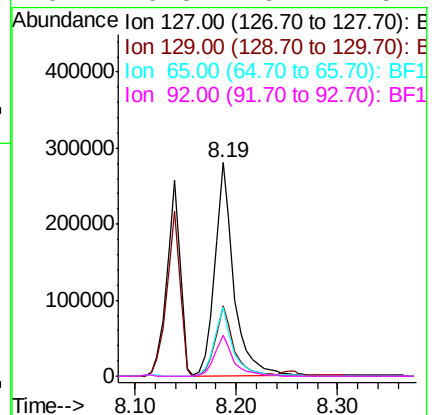
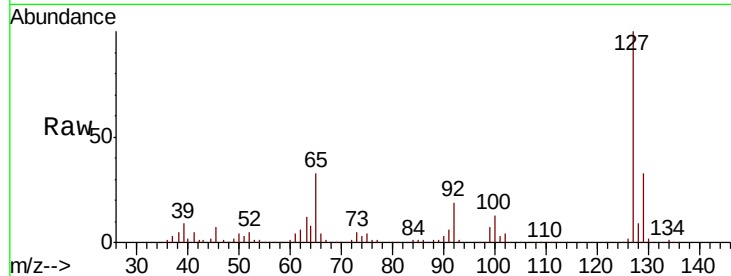
#33
4-Chloroaniline
Concen: 18.456 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		365008		
129	32.8	26.4	39.6		
65	32.7	24.4	36.6		
92	19.3	15.4	23.2		

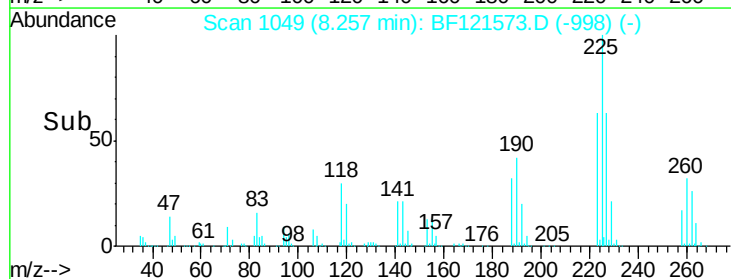
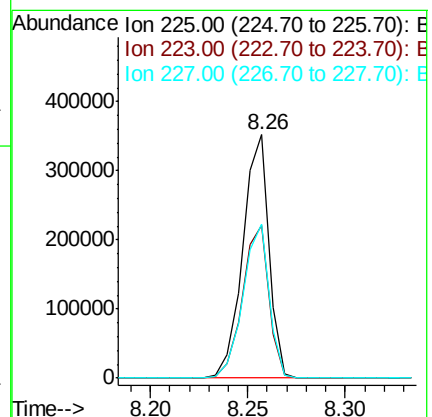
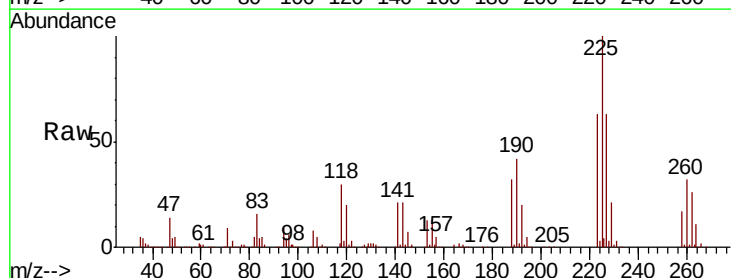
Manual Integrations
APPROVED

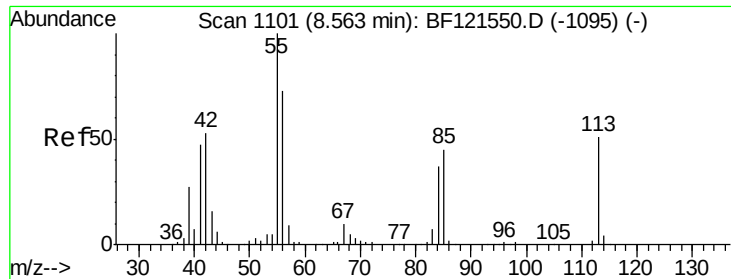
mohammad
9/16/2020 10:14:37 AM



#34
Hexachlorobutadiene
Concen: 40.038 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		326079		
223	62.9	50.2	75.2		
227	63.1	51.0	76.4		





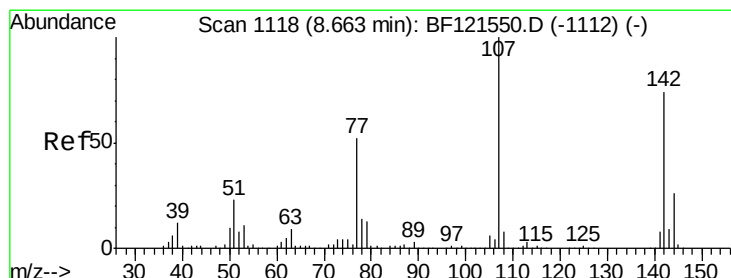
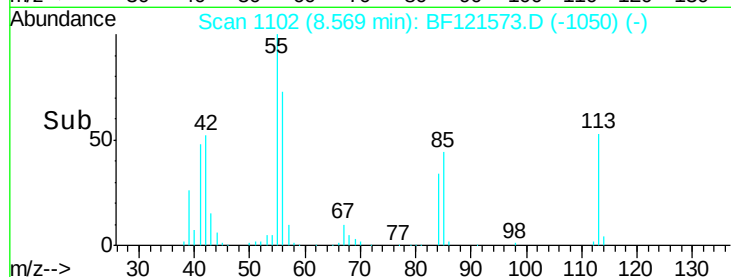
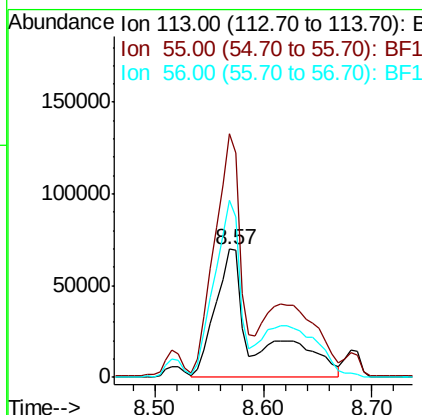
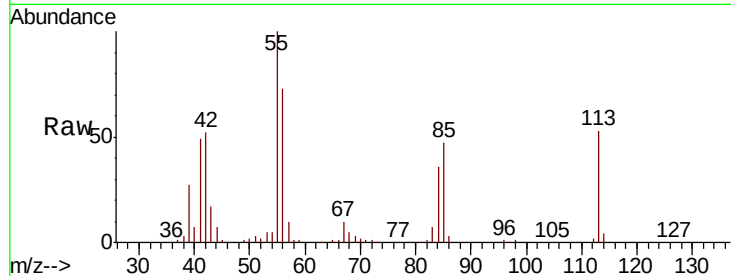
#35
 Caprolactam
 Concen: 42.525 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleID :
 357MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	189.8	176.2	216.2
56	137.7	123.9	163.9

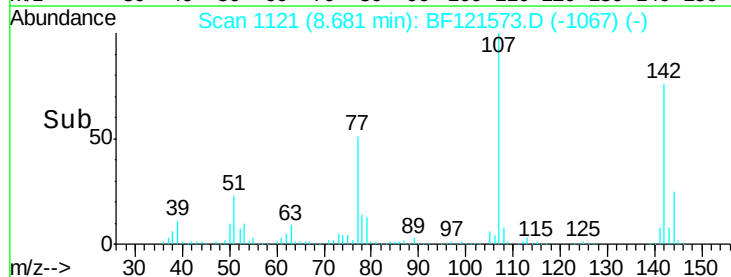
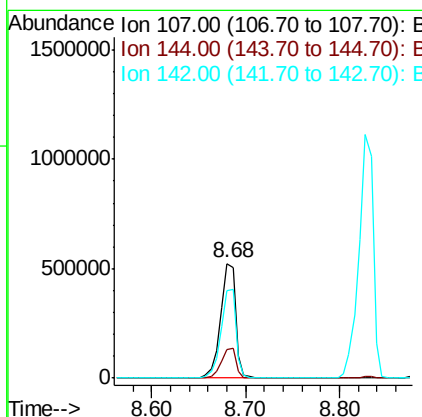
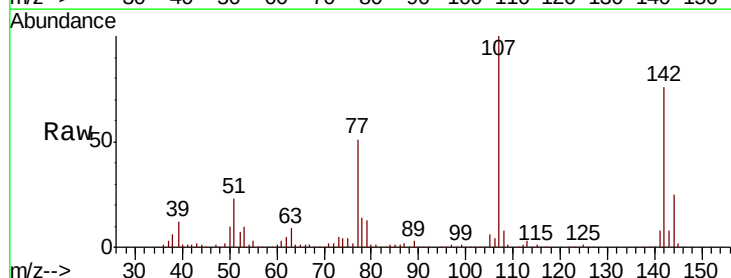
Manual Integrations
 APPROVED

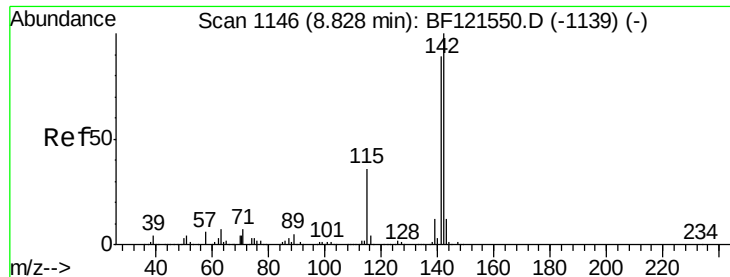
mohammad
 9/16/2020 10:14:37 AM



#36
 4-Chloro-3-methylphenol
 Concen: 41.533 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.02 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	76.2	59.5	89.3





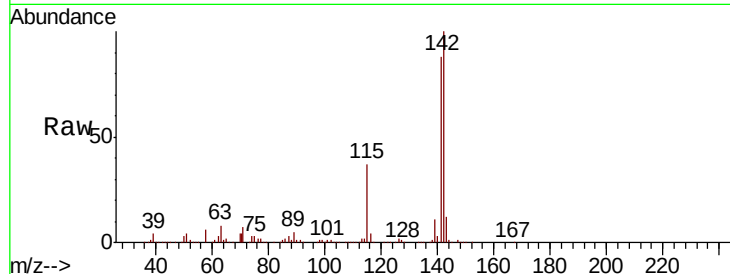
#37
2-Methylnaphthalene
Concen: 39.535 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampled :
357MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.5	107.3
115	36.5	28.7	43.1

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM

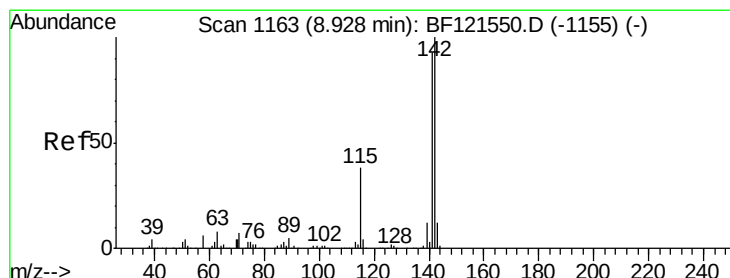
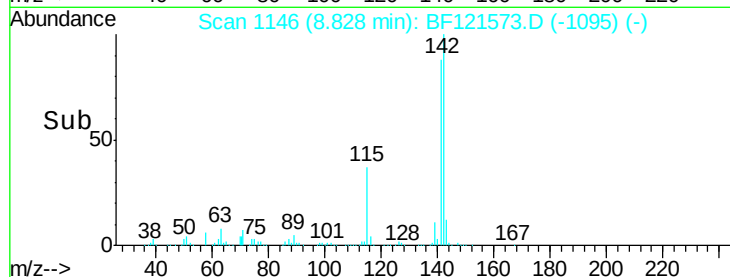
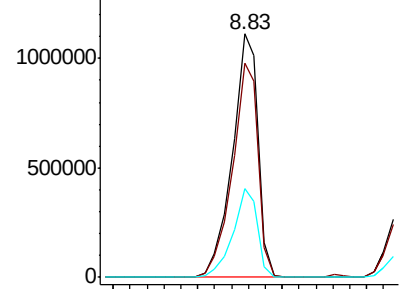


Abundance

Ion 142.00 (141.70 to 142.70): E

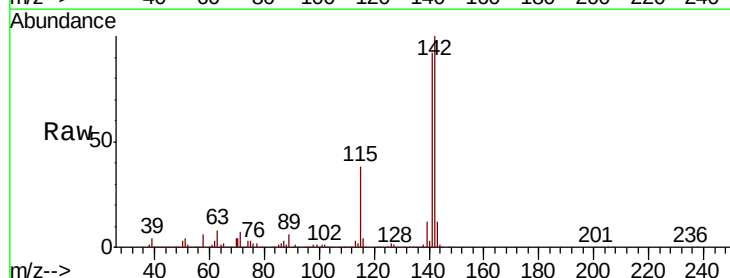
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.395 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.8	112.2
116	4.0	3.0	4.6

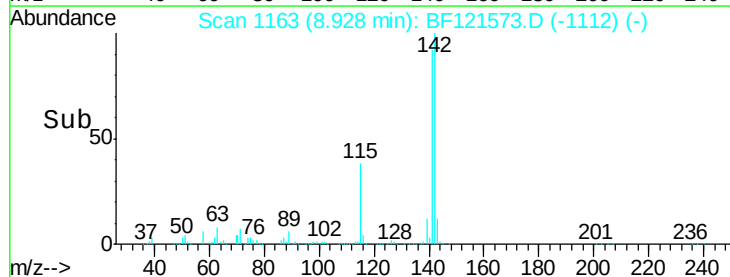
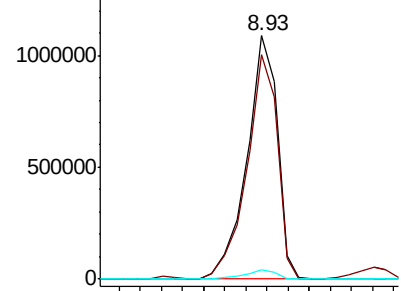


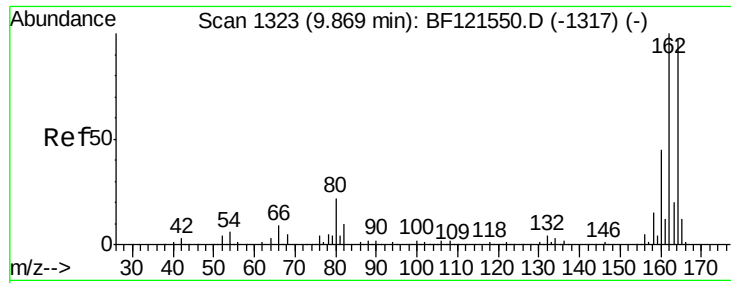
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





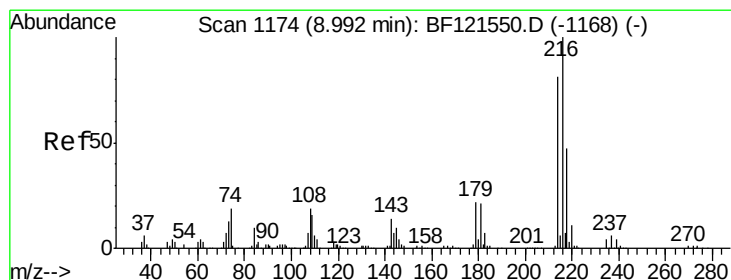
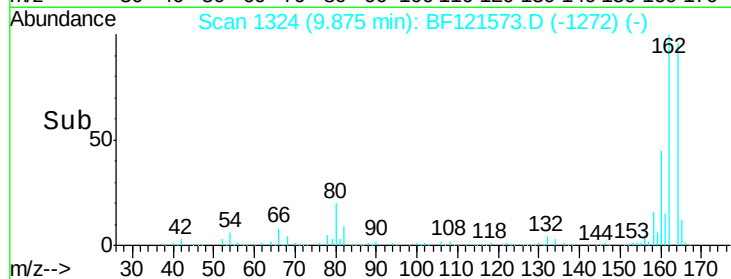
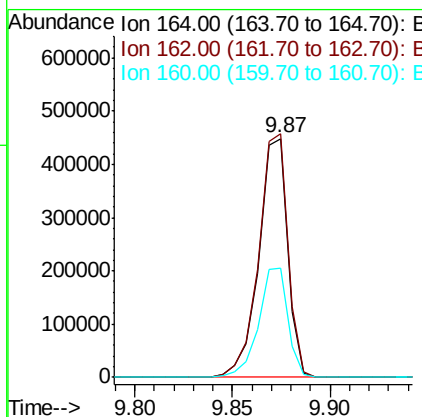
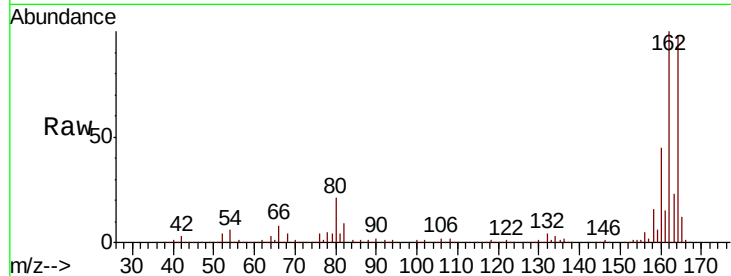
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.3	123.5
160	45.7	37.0	55.4

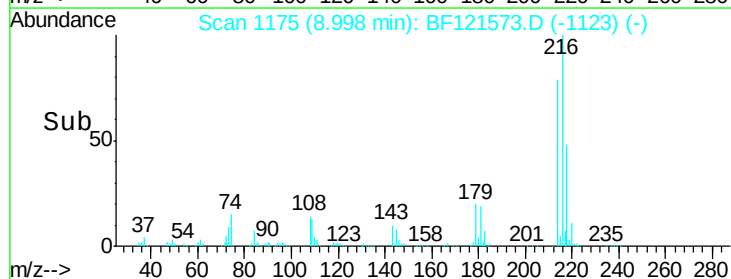
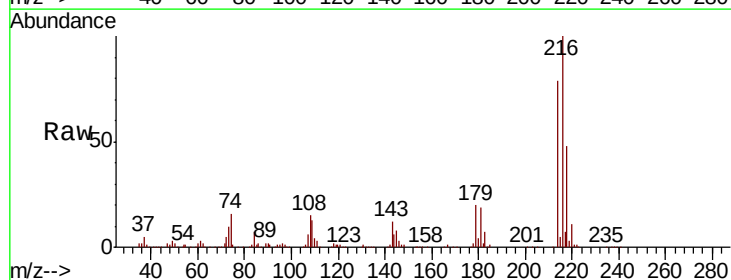
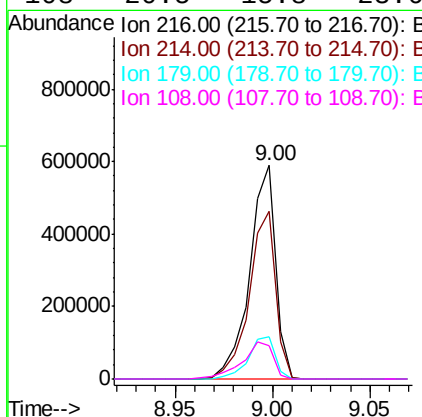
Manual Integrations
 APPROVED

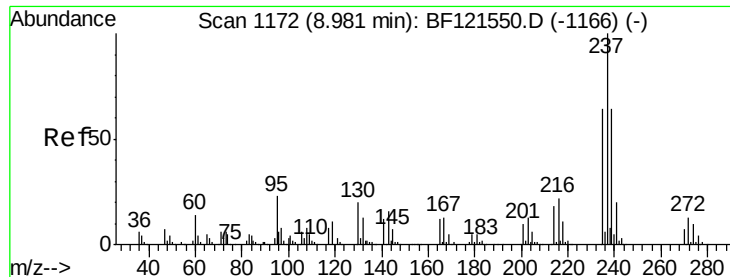
mohammad
 9/16/2020 10:14:37 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.008 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	20.4	16.6	25.0
108	20.5	15.8	23.6





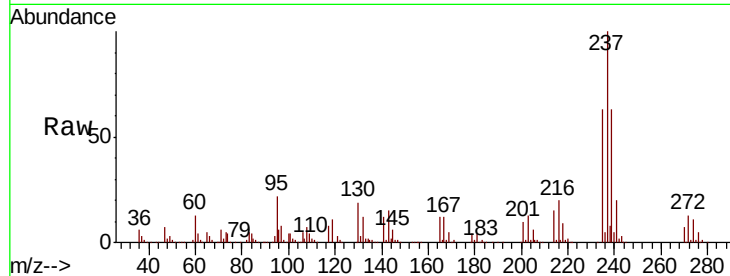
#41
Hexachlorocyclopentadiene
Concen: 56.754 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampled :
357MS

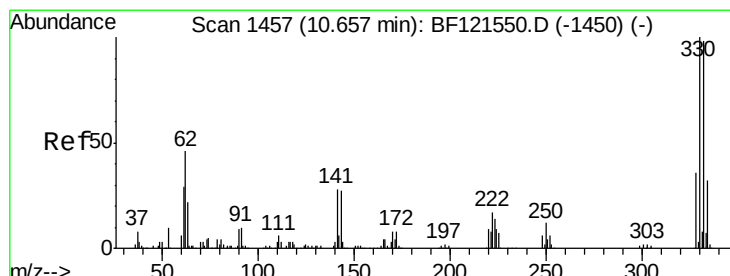
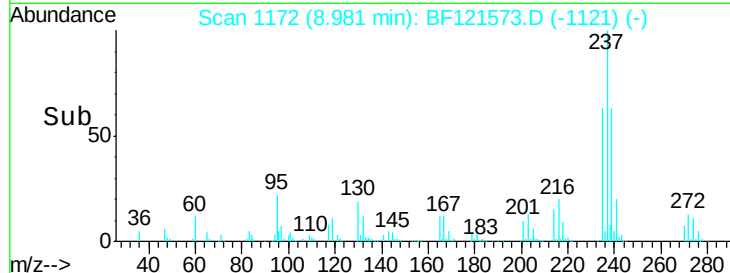
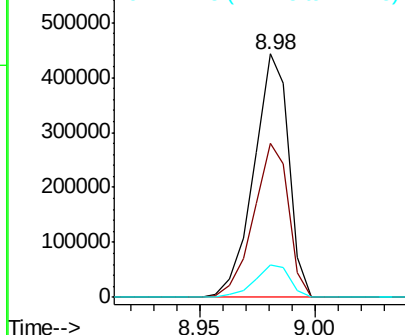
Tot Ion:	237	Resp:	465582
Ion Ratio	Lower	Upper	
237	100		
235	63.4	44.0	84.0
272	13.1	0.0	33.4

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM

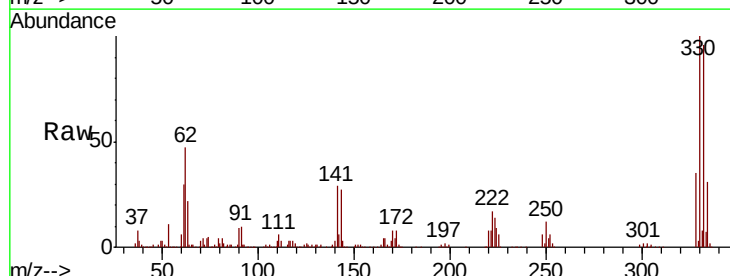


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

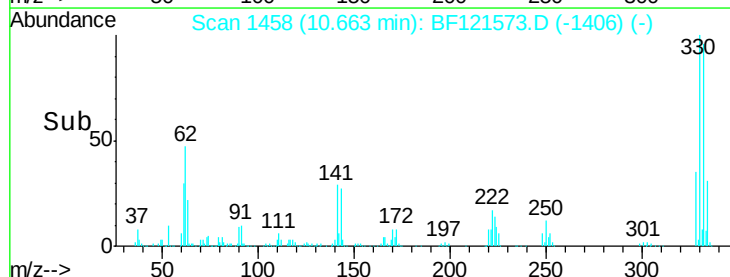
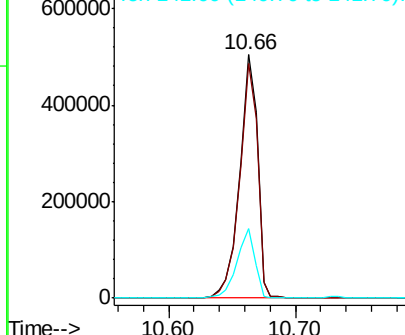


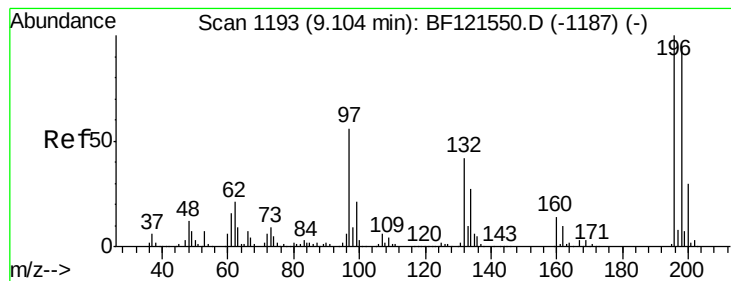
#42
2,4,6-Tribromophenol
Concen: 85.635 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:	330	Resp:	489455
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.1	115.7
141	28.9	23.6	35.4



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





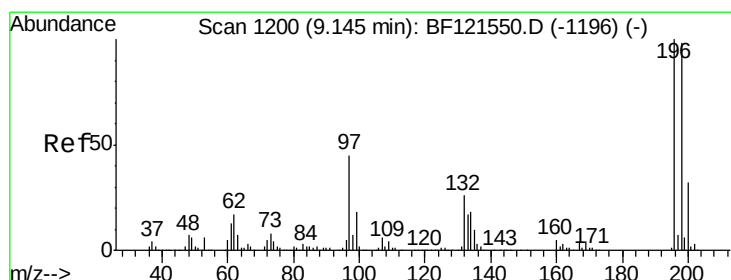
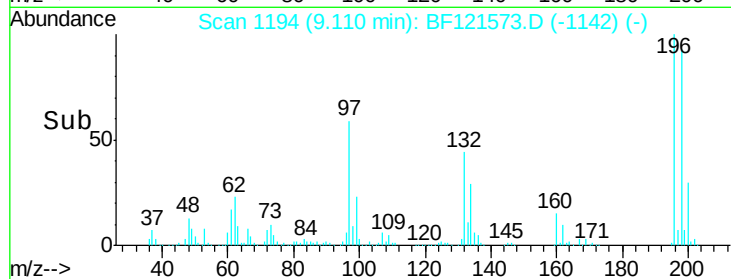
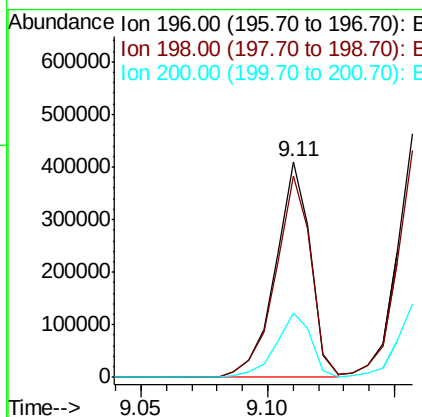
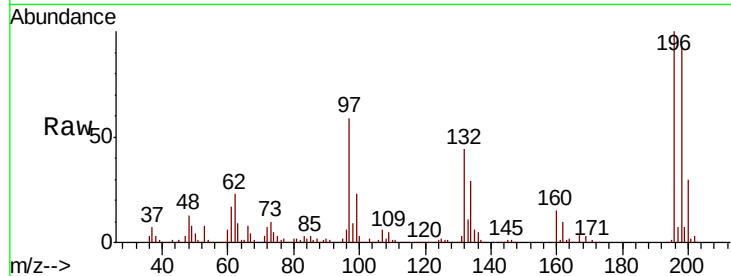
#43
 2,4,6-Trichlorophenol
 Concen: 40.480 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampled :
 357MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		396352		
198	93.0		75.6	113.4	
200	29.8		24.0	36.0	

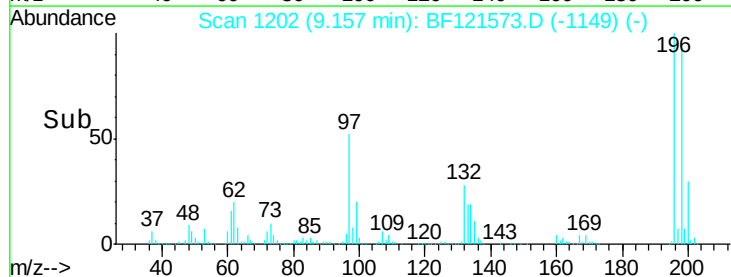
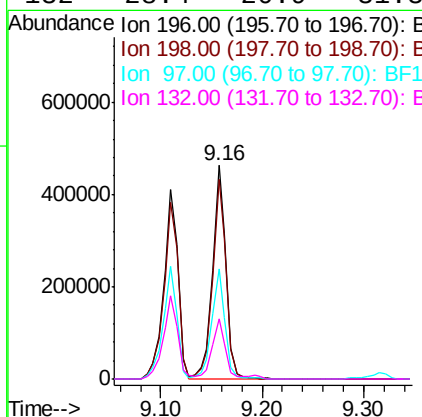
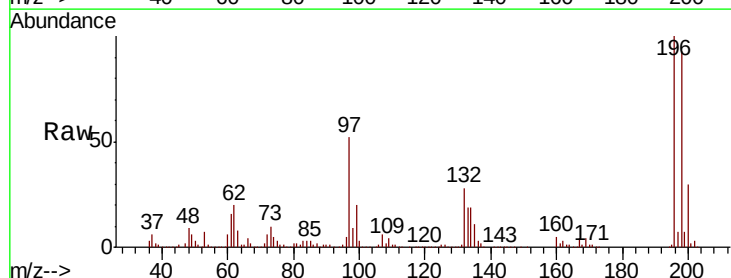
Manual Integrations
 APPROVED

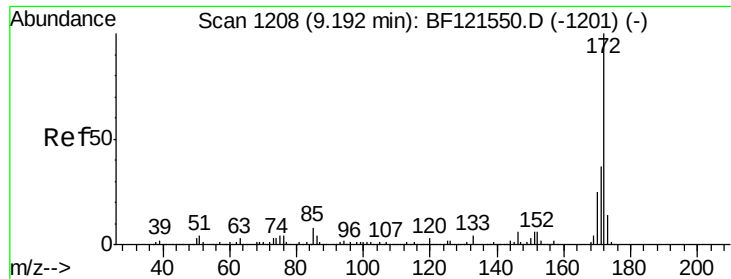
mohammad
 9/16/2020 10:14:37 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.260 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		427088		
198	93.3		78.1	117.1	
97	51.8		36.8	55.2	
132	28.4		20.9	31.3	





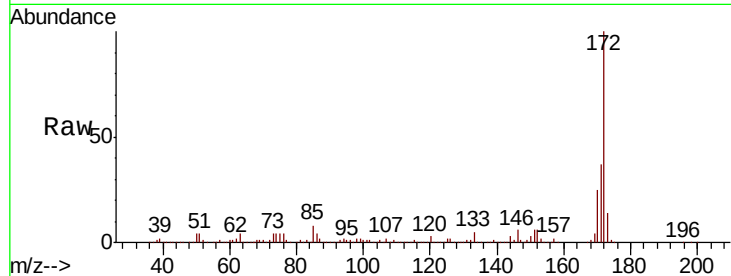
#45
2-Fluorobiphenyl
Concen: 65.014 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	25.0	19.8	29.8

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM

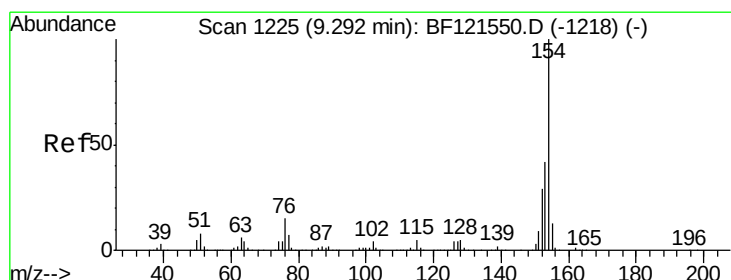
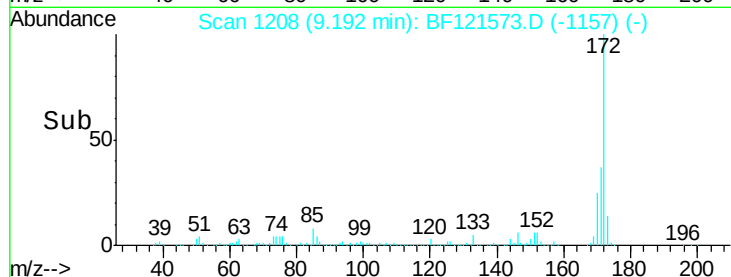
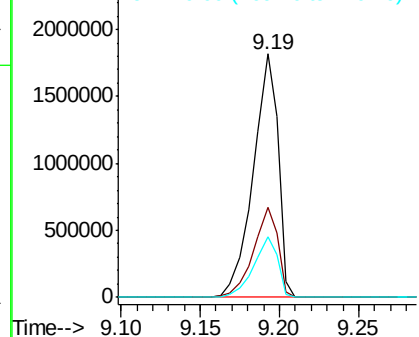


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.879 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

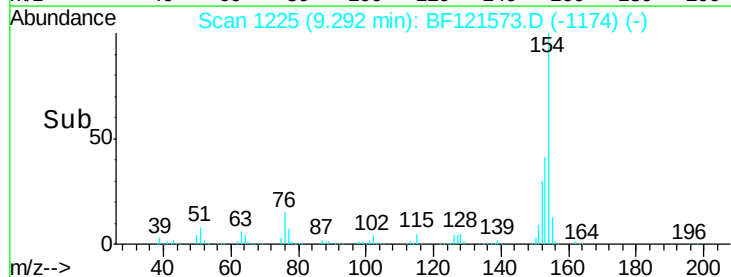
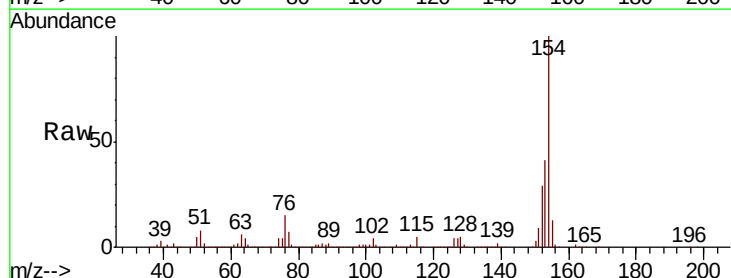
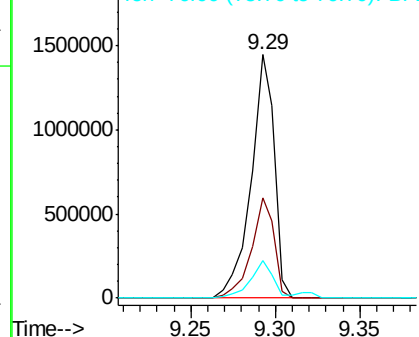
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.7	61.7
76	15.5	0.0	35.5

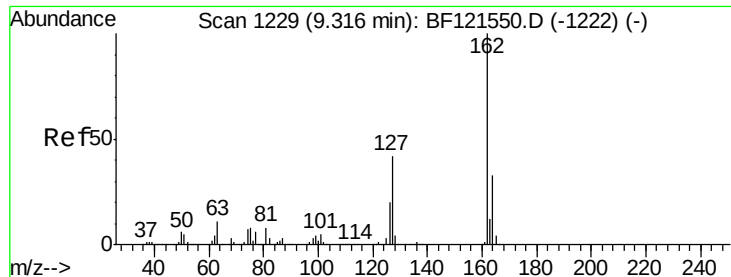
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





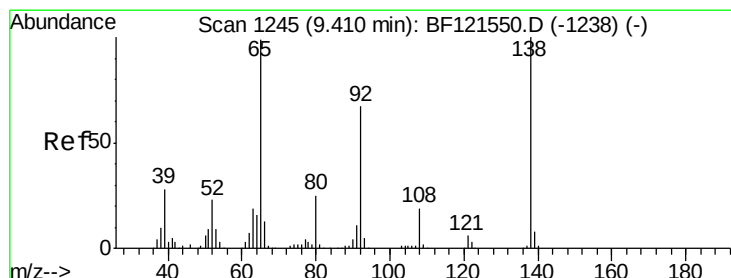
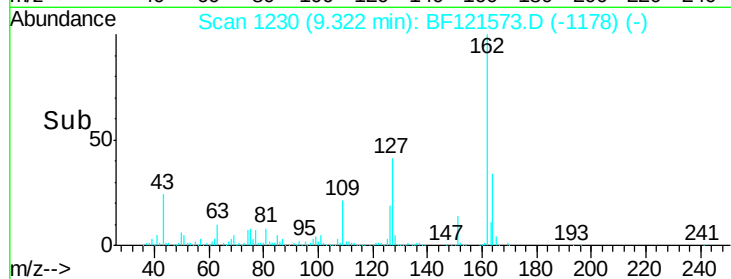
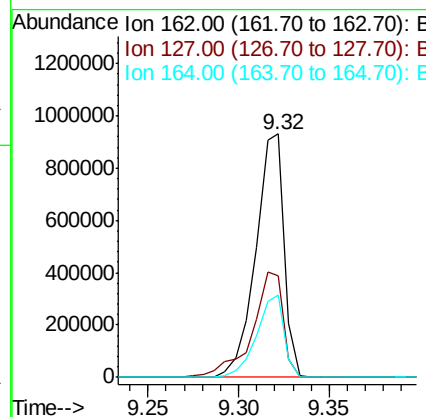
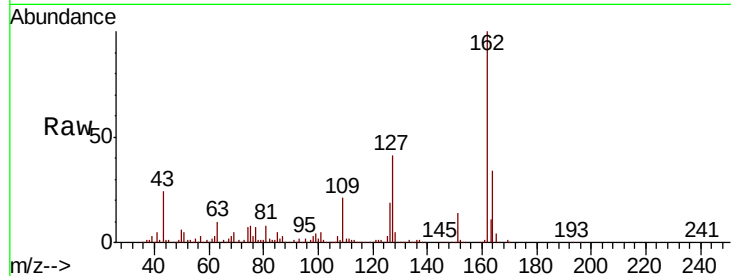
#47
2-Chloronaphthalene
Concen: 34.797 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	41.5	33.9	50.9	
164	33.6	26.7	40.1	

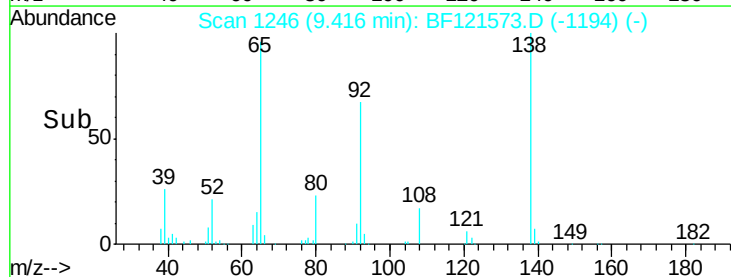
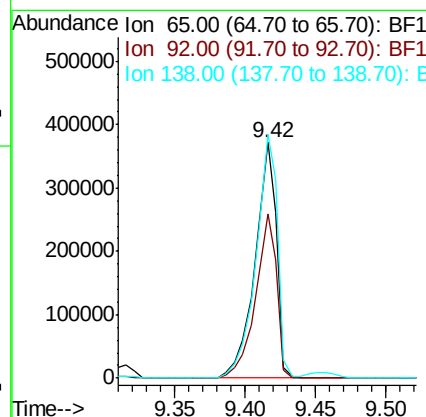
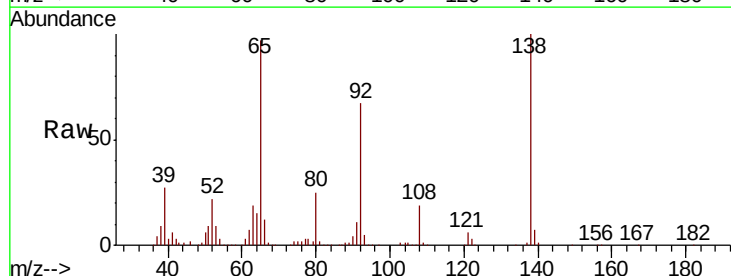
Manual Integrations
APPROVED

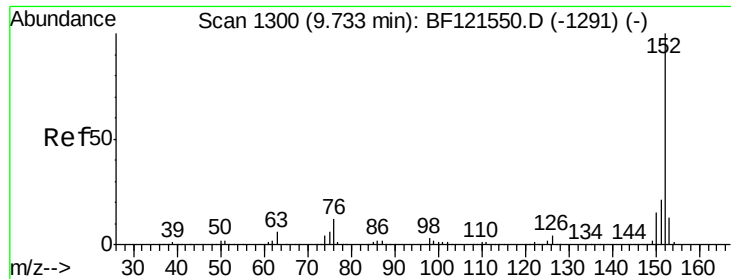
mohammad
9/16/2020 10:14:37 AM



#48
2-Nitroaniline
Concen: 43.940 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	69.7	54.2	81.4	
138	103.4	80.8	121.2	





#49

Acenaphthylene

Concen: 38.641 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

Tot Ion:152 Resp: 1722457

Ion Ratio Lower Upper

152 100

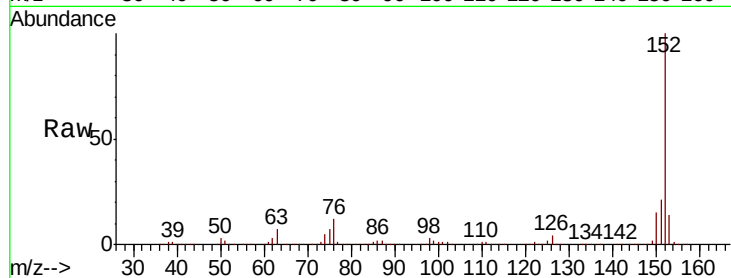
151 21.0 16.6 24.8

153 13.7 10.7 16.1

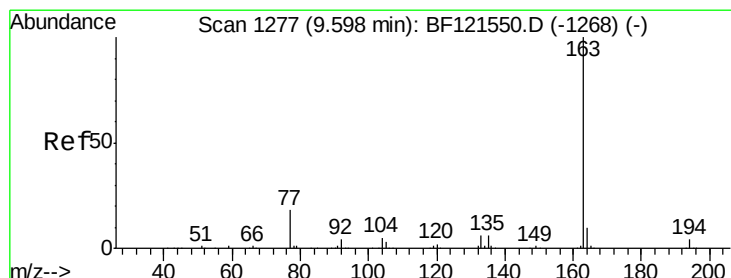
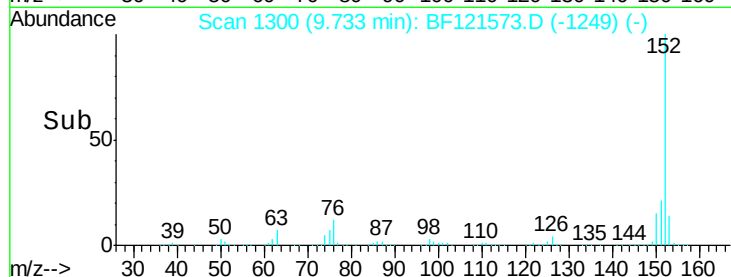
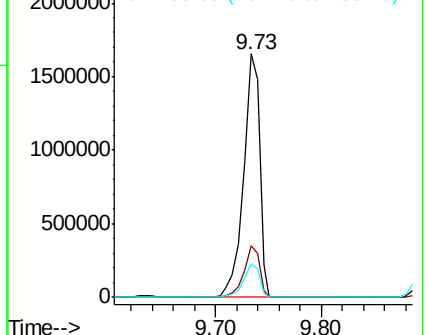
Manual Integrations
APPROVED

mohammad

9/16/2020 10:14:37 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: 51.886 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

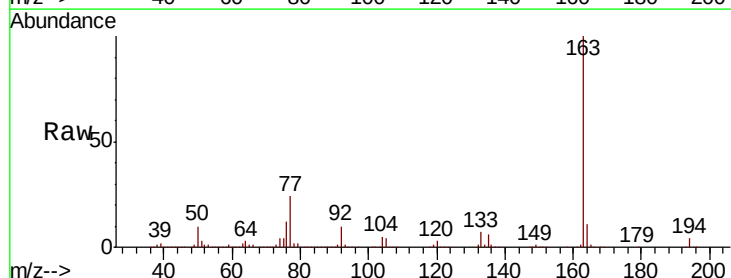
Tgt Ion:163 Resp: 1729426

Ion Ratio Lower Upper

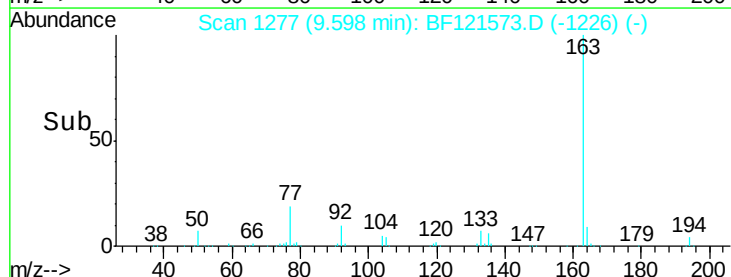
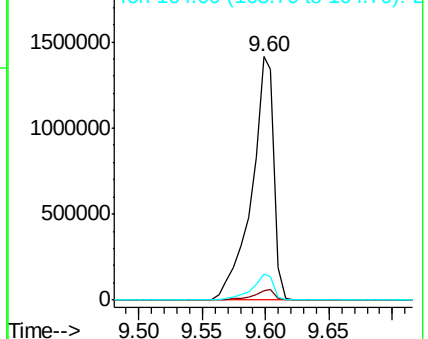
163 100

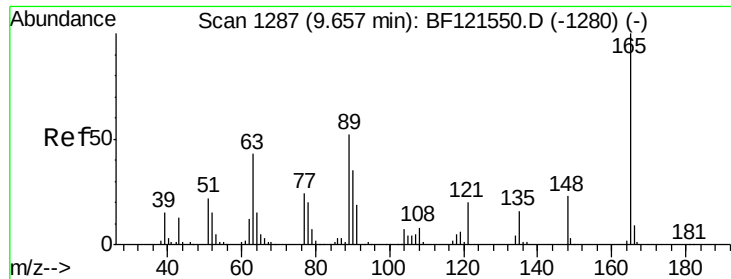
194 4.0 3.4 5.0

164 10.9 7.9 11.9



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





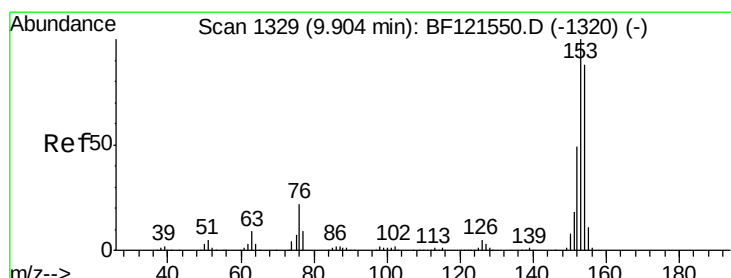
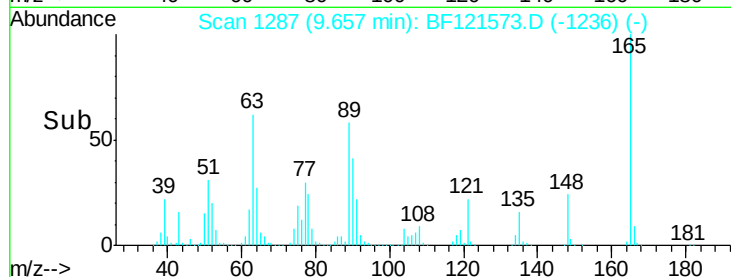
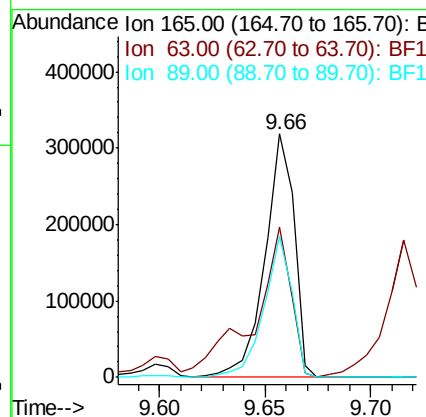
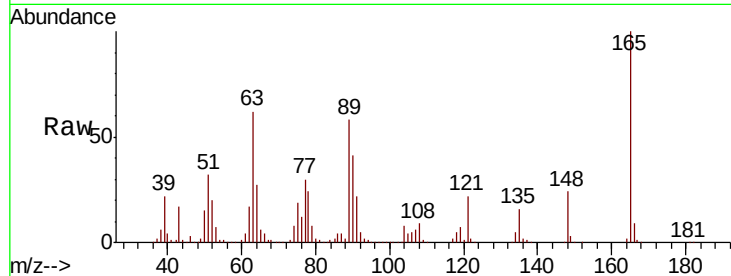
#51
2,6-Dinitrotoluene
Concen: 43.420 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampled :
357MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	61.8	40.6	61.0#
89	58.2	41.8	62.8

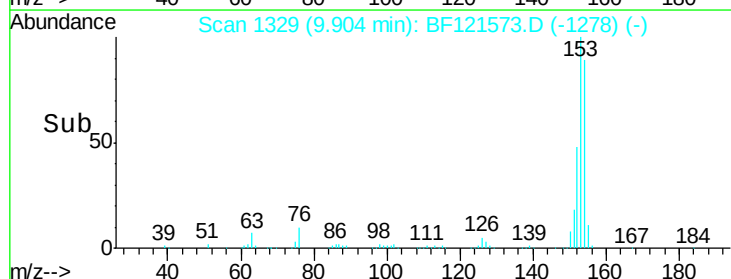
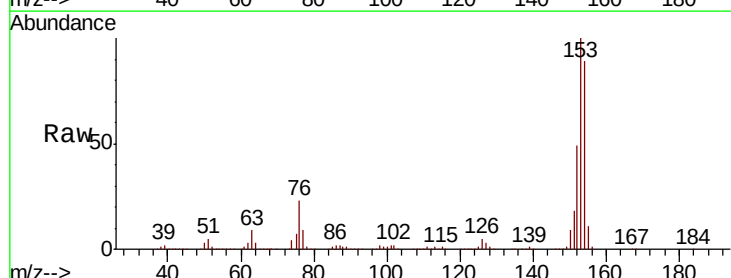
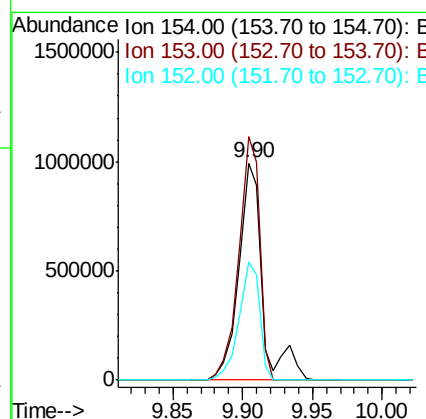
Manual Integrations
APPROVED

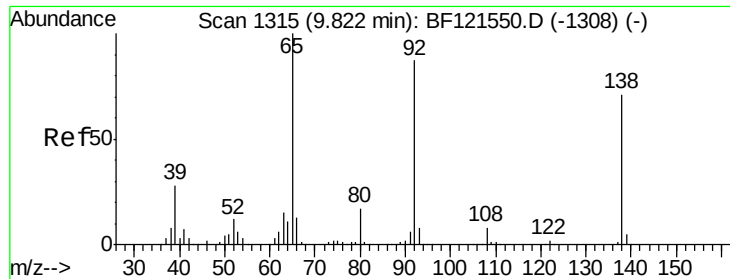
mohammad
9/16/2020 10:14:37 AM



#52
Acenaphthene
Concen: 41.208 ng m
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.1	91.0	136.4
152	54.5	44.2	66.2





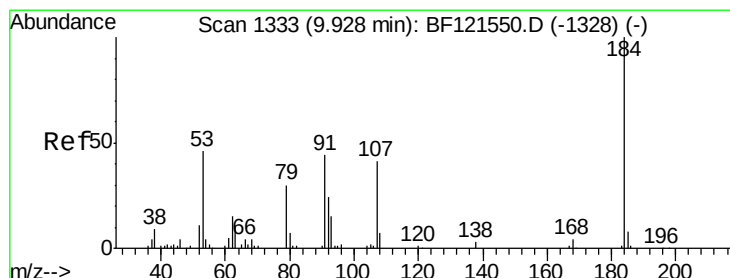
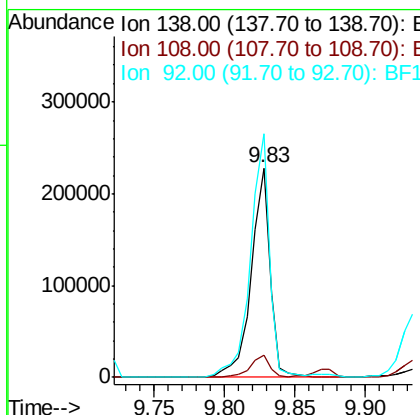
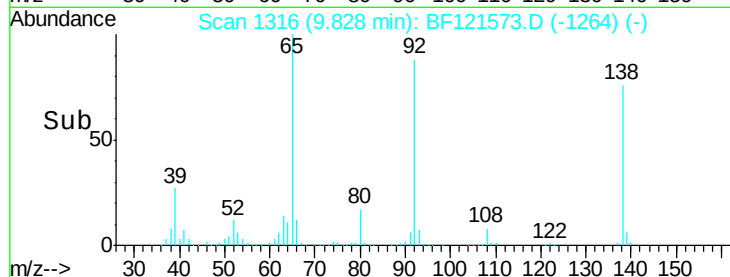
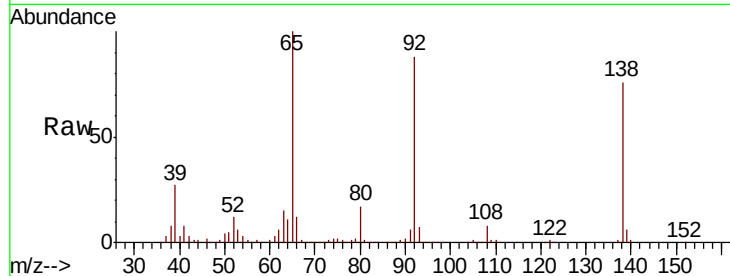
#53
3-Nitroaniline
Concen: 26.150 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.7	9.0	13.6	
92	116.5	97.4	146.0	

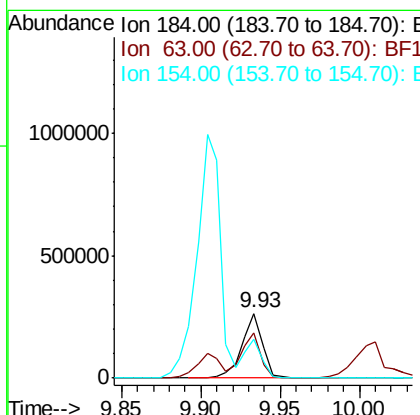
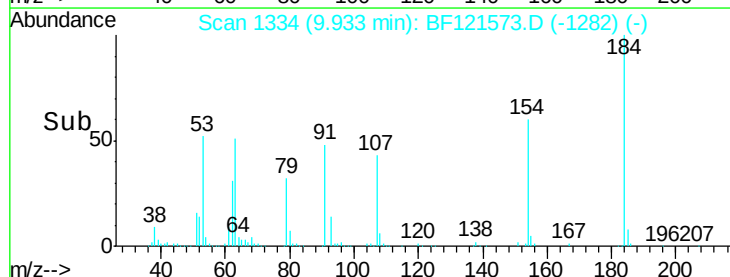
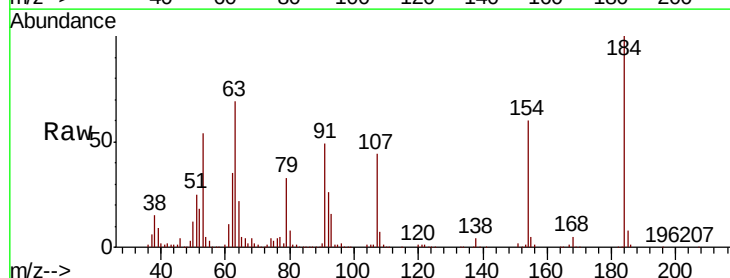
Manual Integrations
APPROVED

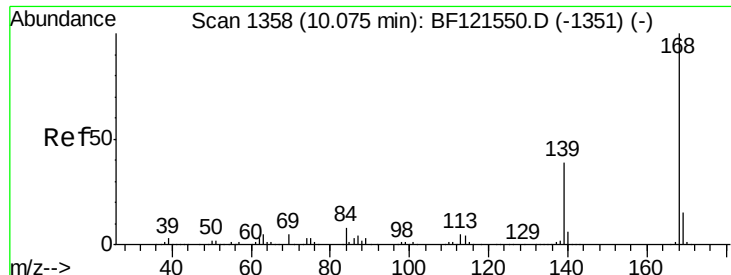
mohammad
9/16/2020 10:14:37 AM



#54
2,4-Dinitrophenol
Concen: 60.833 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.1	47.7	71.5	
154	59.8	47.2	70.8	





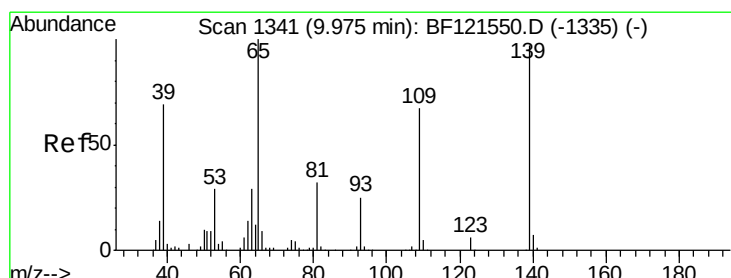
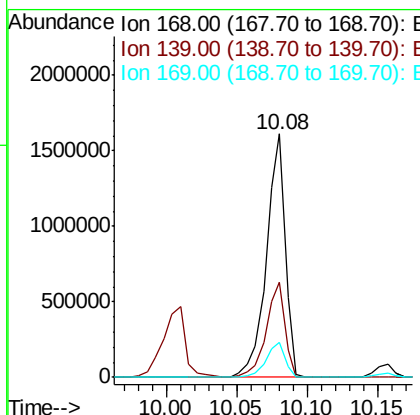
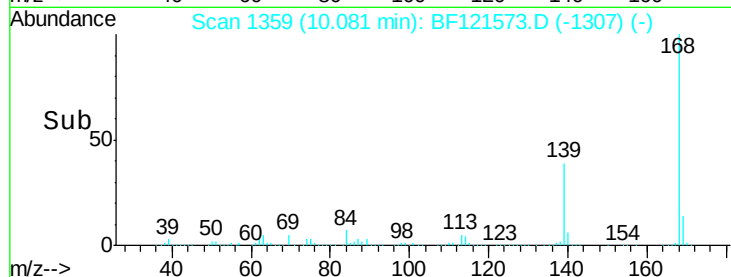
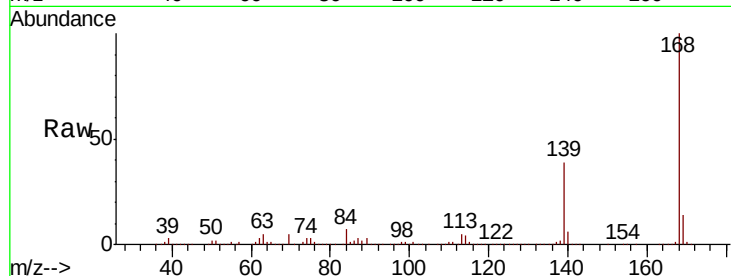
#55
Dibenzofuran
Concen: 38.409 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion:168 Resp: 1522870
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.0
169 14.4 11.9 17.9

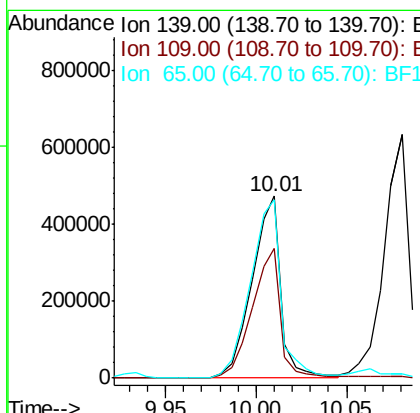
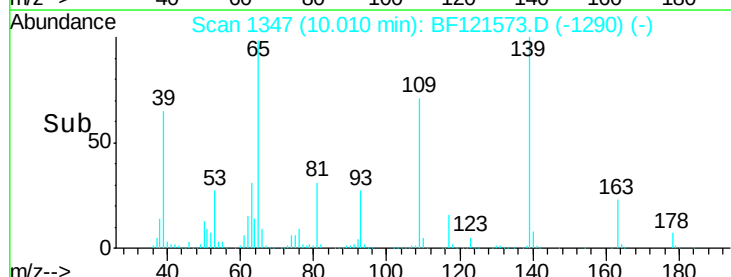
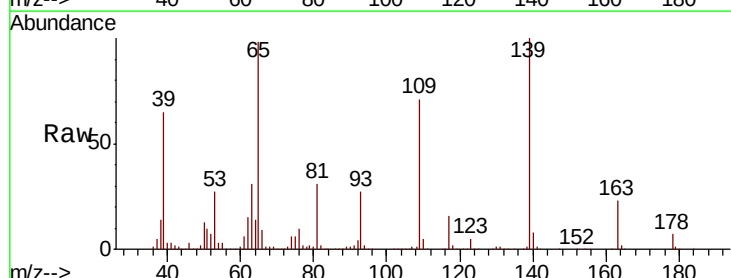
Manual Integrations
APPROVED

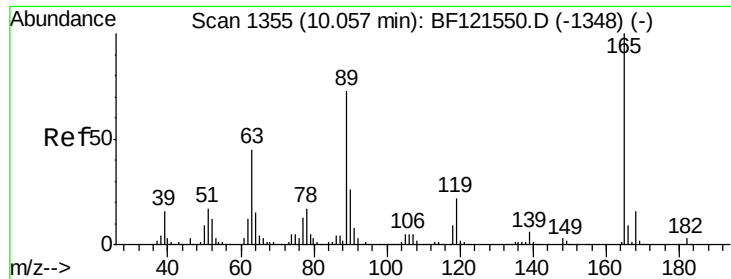
mohammad
9/16/2020 10:14:37 AM



#56
4-Nitrophenol
Concen: 79.767 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.04 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:139 Resp: 523102
Ion Ratio Lower Upper
139 100
109 71.4 48.8 88.8
65 98.5 83.6 123.6





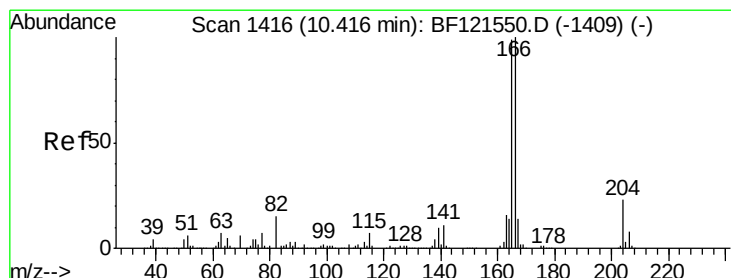
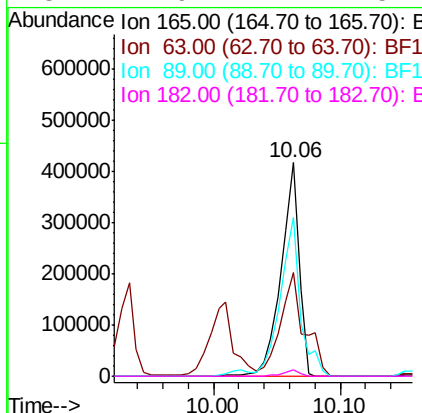
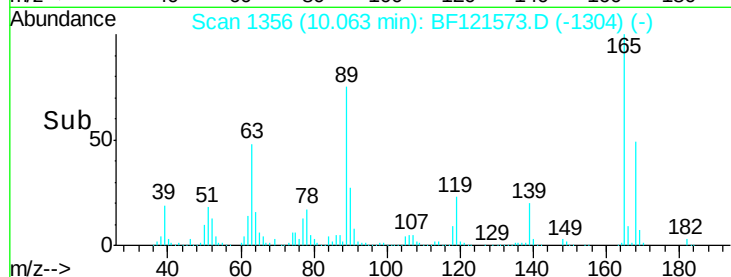
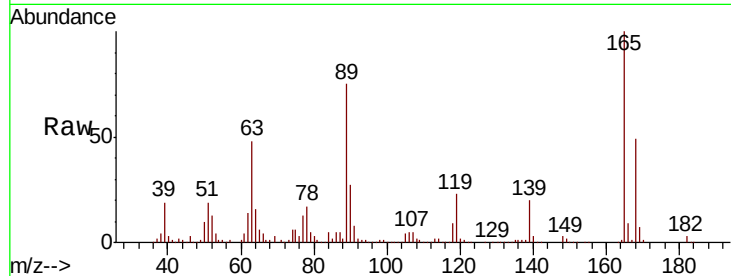
#57
2,4-Dinitrotoluene
Concen: 45.647 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		407642		
63	48.5	36.2	54.4		
89	74.5	58.2	87.4		
182	2.9	2.2	3.2		

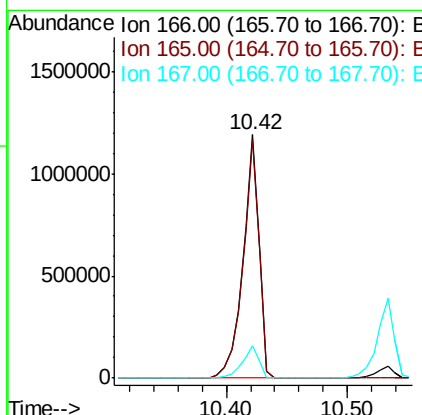
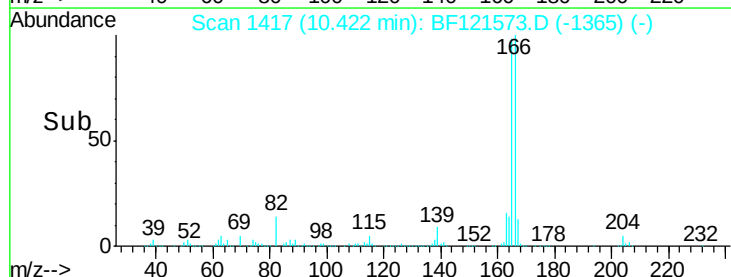
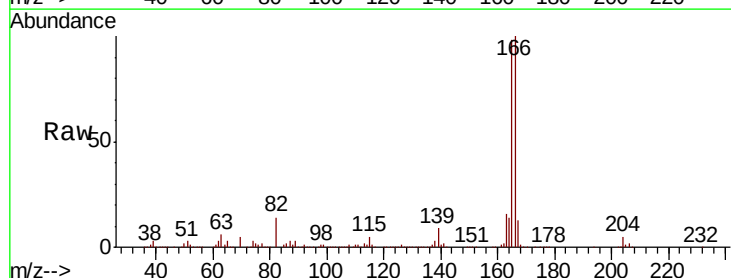
Manual Integrations
APPROVED

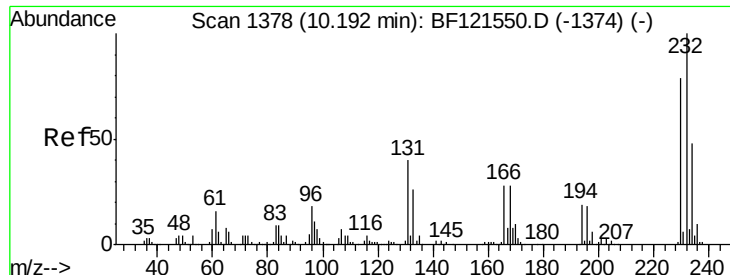
mohammad
9/16/2020 10:14:37 AM



#58
Fluorene
Concen: 36.144 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1095921		
165	97.9	79.0	118.4		
167	13.3	11.0	16.6		





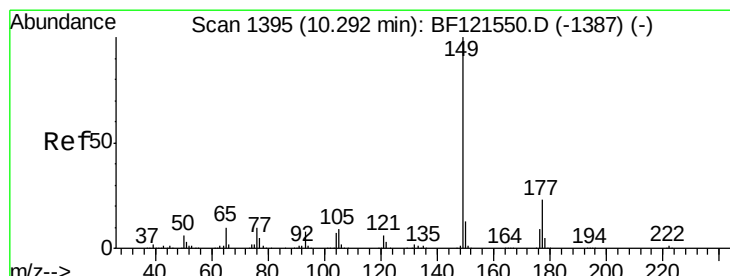
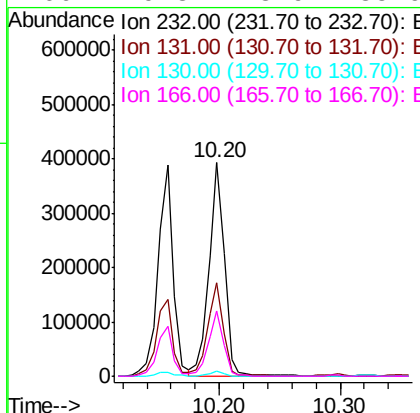
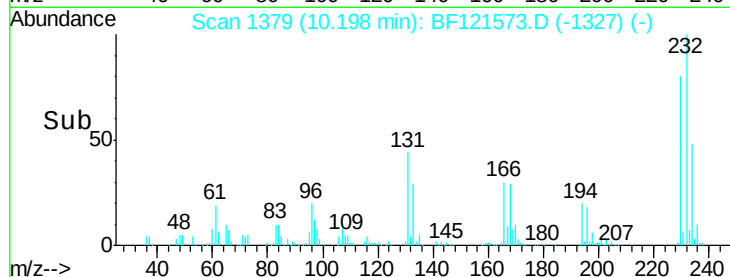
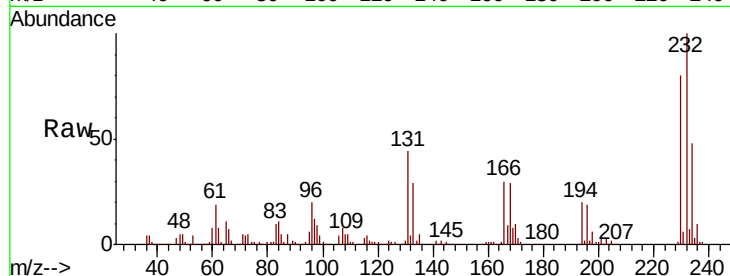
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.423 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	43.4	36.3	54.5		
130	2.2	1.9	2.9		
166	29.3	23.9	35.9		

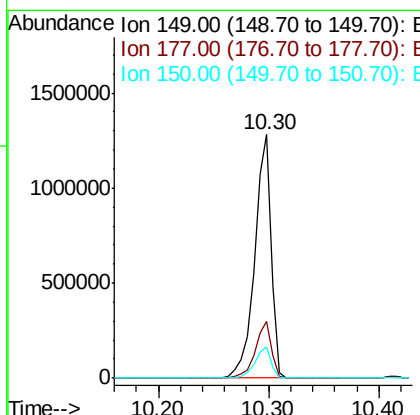
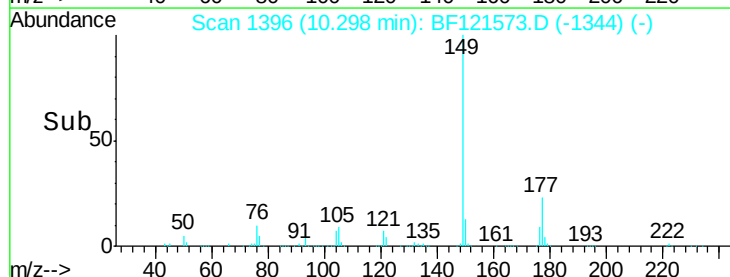
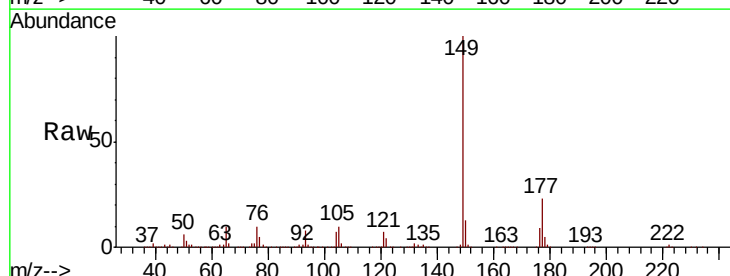
Manual Integrations
 APPROVED

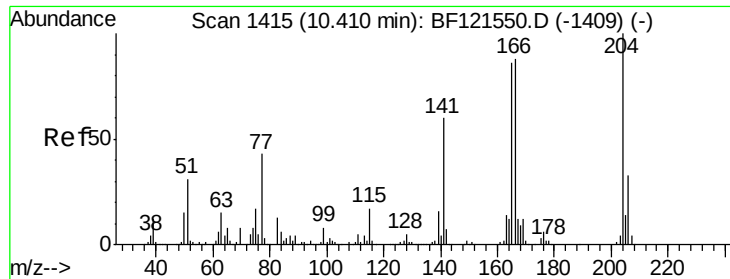
mohammad
 9/16/2020 10:14:37 AM



#60
 Diethylphthalate
 Concen: 41.065 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	23.4	18.2	27.2		
150	12.9	10.2	15.2		





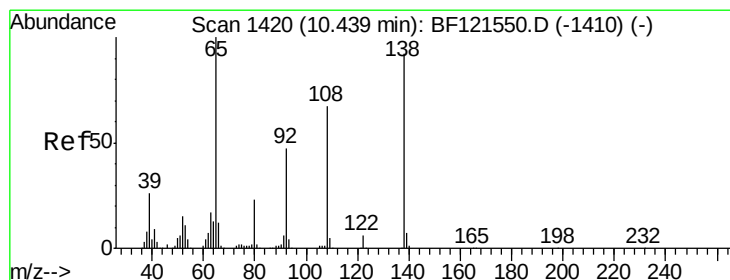
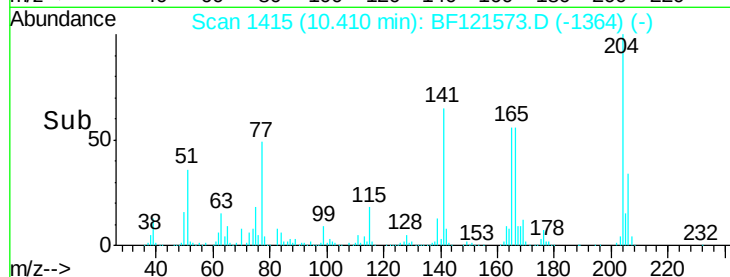
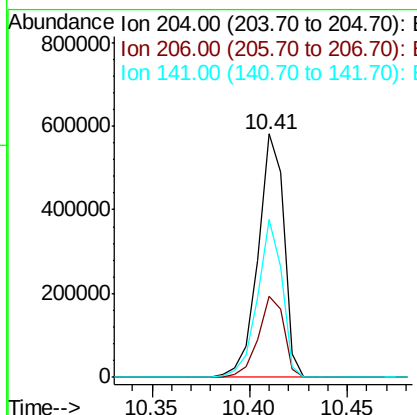
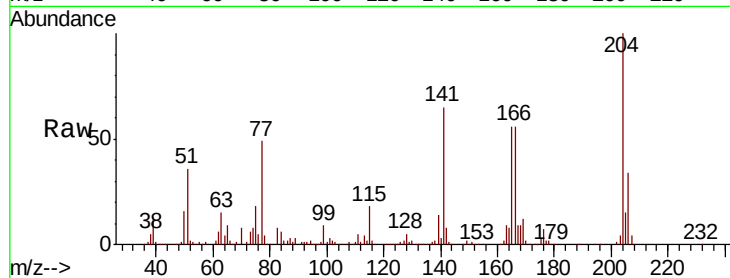
#61
 4-Chlorophenyl-phenylether
 Concen: 36.834 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampled :
 357MS

Tot Ion:	204	Resp:	535007
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.4	39.6
141	64.9	48.3	72.5

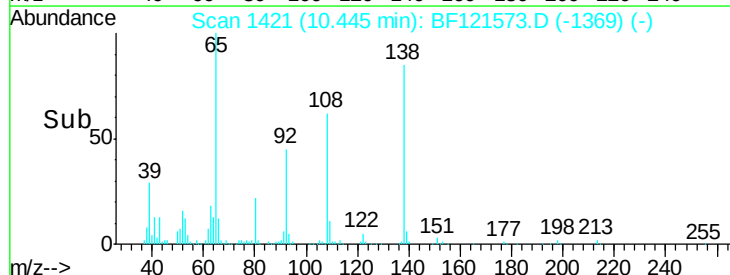
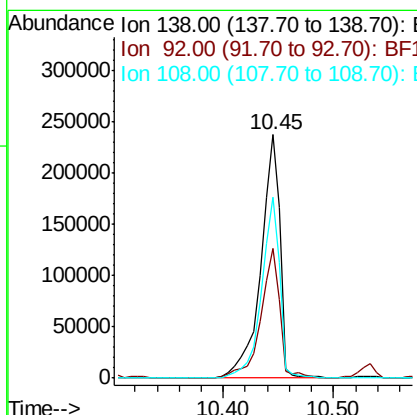
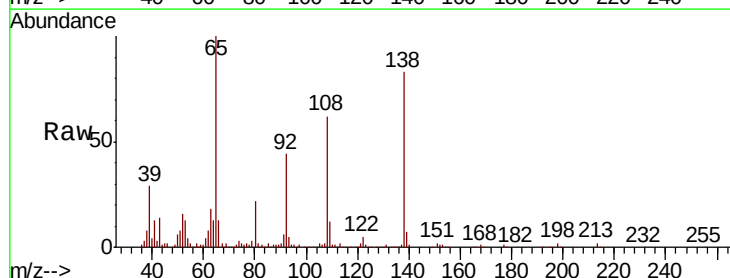
Manual Integrations
 APPROVED

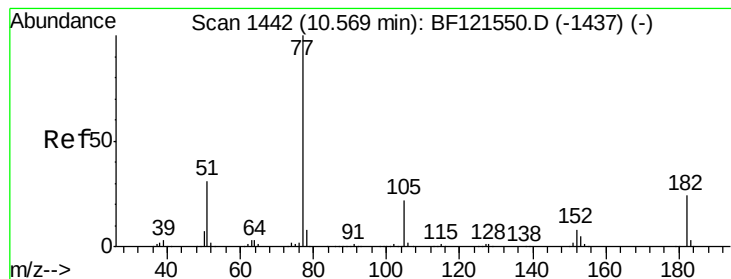
mohammad
 9/16/2020 10:14:37 AM



#62
 4-Nitroaniline
 Concen: 35.277 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion:	138	Resp:	288022
Ion Ratio	Lower	Upper	
138	100		
92	53.3	31.4	71.4
108	74.1	52.4	92.4





#63

Azobenzene

Concen: 36.833 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

Tot Ion: 77 Resp: 1274662

Ion Ratio Lower Upper

77 100

182 27.6 3.9 43.9

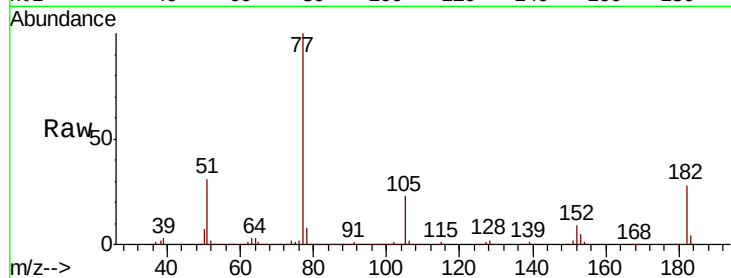
105 22.6 2.2 42.2

51 31.2 11.1 51.1

Manual Integrations
APPROVED

mohammad

9/16/2020 10:14:37 AM

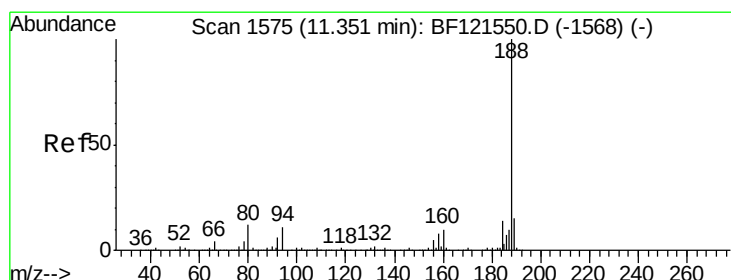
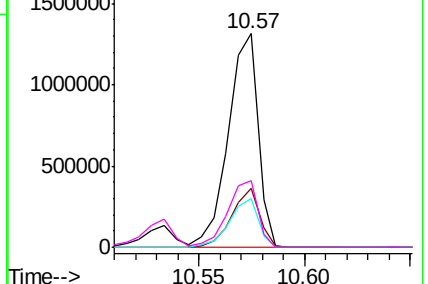
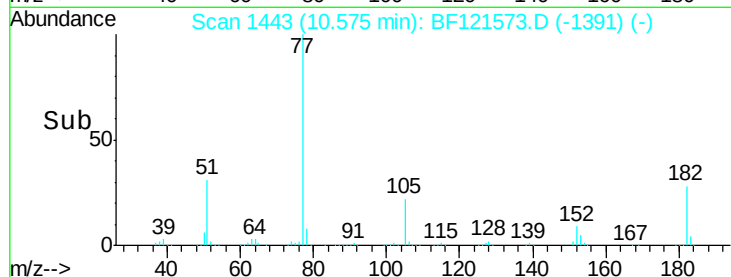


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

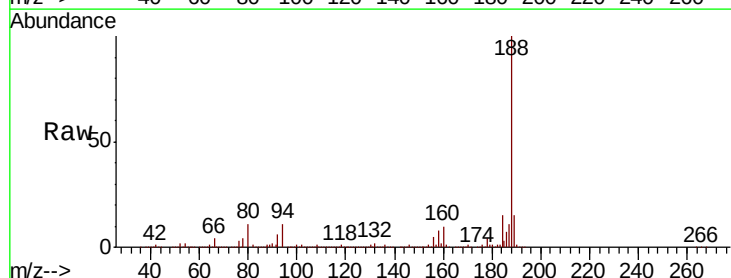
Tgt Ion: 188 Resp: 820311

Ion Ratio Lower Upper

188 100

94 10.6 8.7 13.1

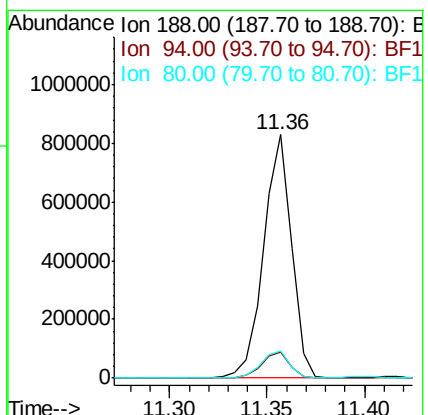
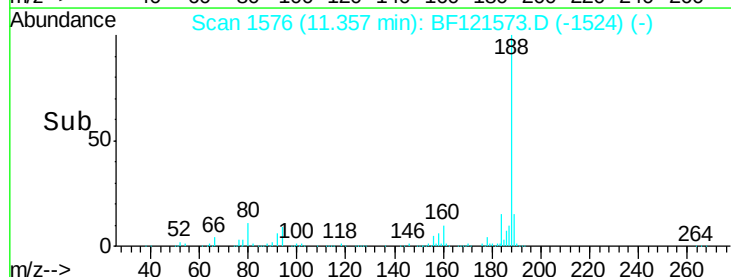
80 11.3 9.3 13.9

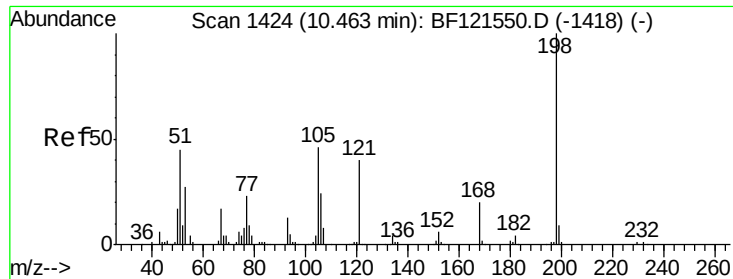


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 34.387 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampled :

357MS

Tot Ion:198 Resp: 161685

Ion Ratio Lower Upper

198 100

51 54.3 31.1 71.1

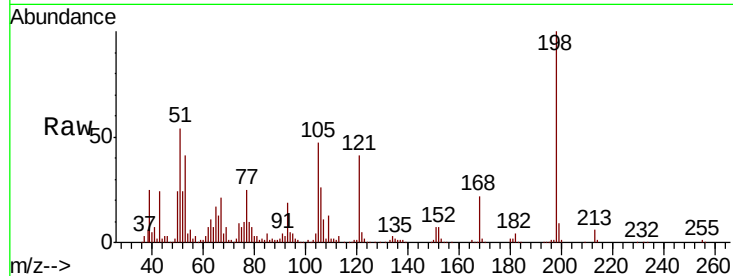
105 46.9 26.6 66.6

Manual Integrations

APPROVED

mohammad

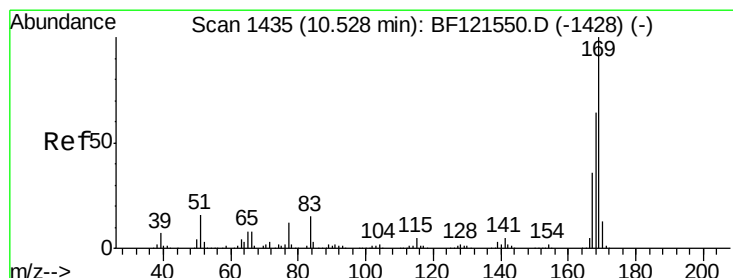
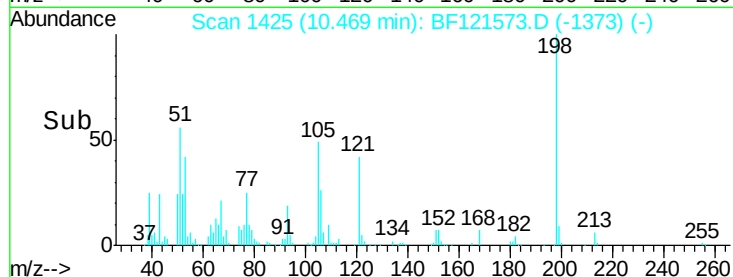
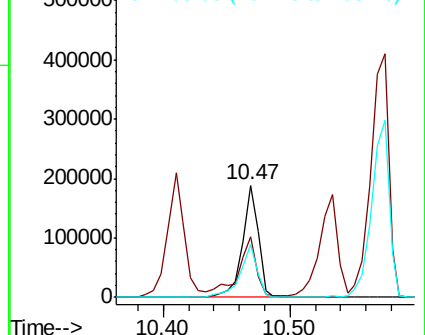
9/16/2020 10:14:37 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.170 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

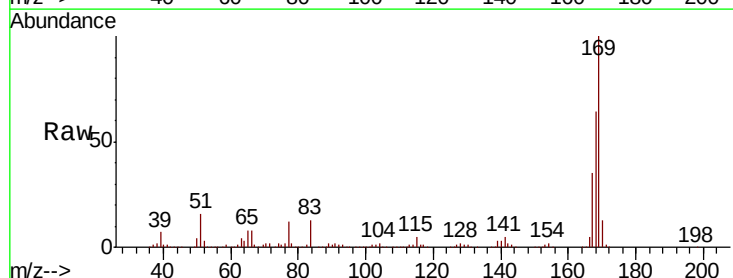
Tgt Ion:169 Resp: 1074204

Ion Ratio Lower Upper

169 100

168 64.4 51.2 76.8

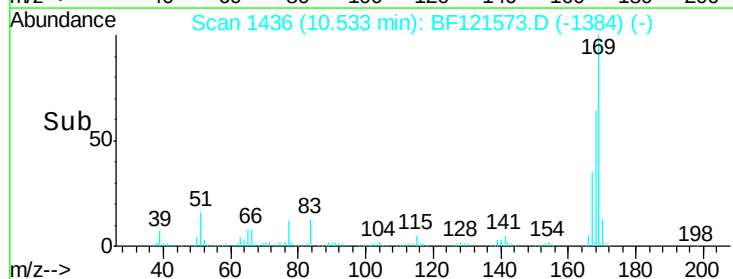
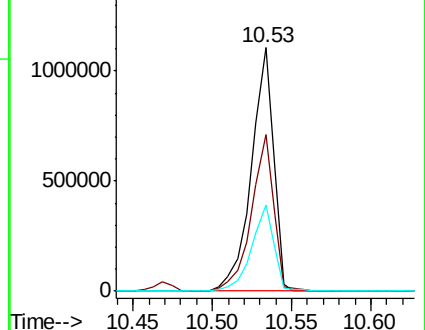
167 35.4 28.9 43.3

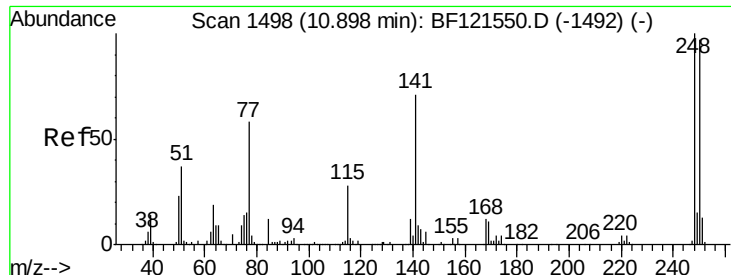


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





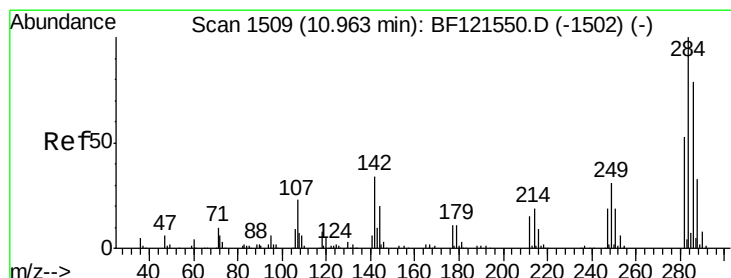
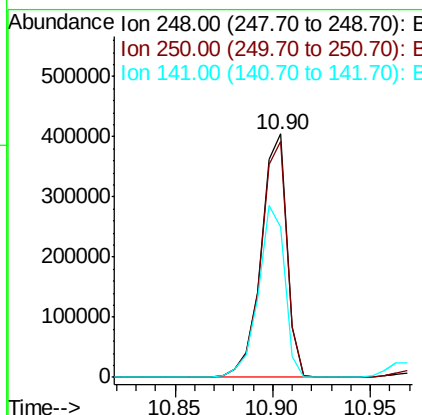
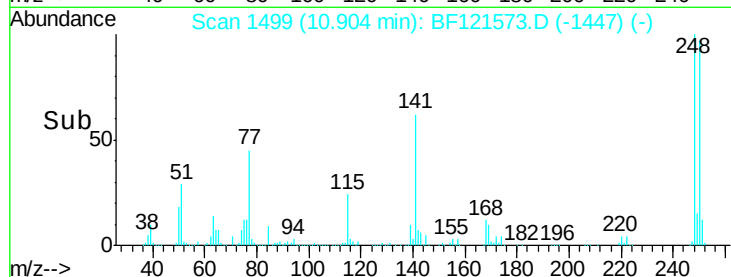
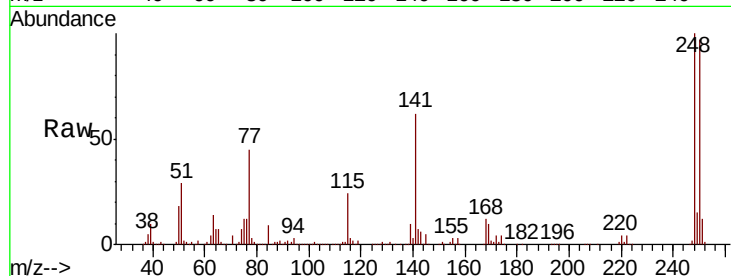
#67
 4-Bromophenyl-phenylether
 Concen: 39.845 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampled :
 357MS

Tot Ion:	248	Resp:	372140
Ion Ratio	Lower	Upper	
248	100		
250	97.1	77.4	116.0
141	61.6	56.7	85.1

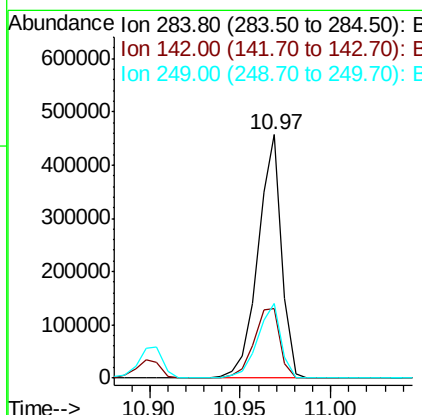
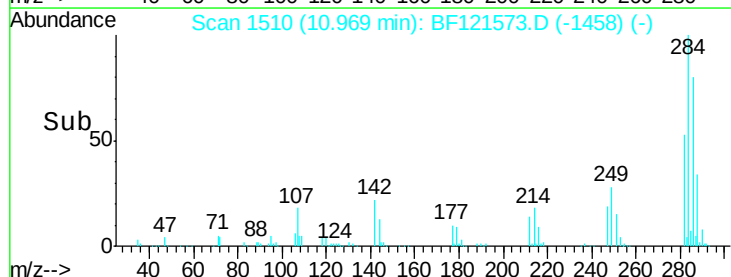
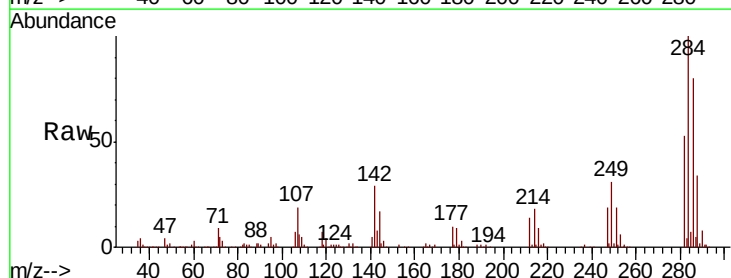
Manual Integrations
 APPROVED

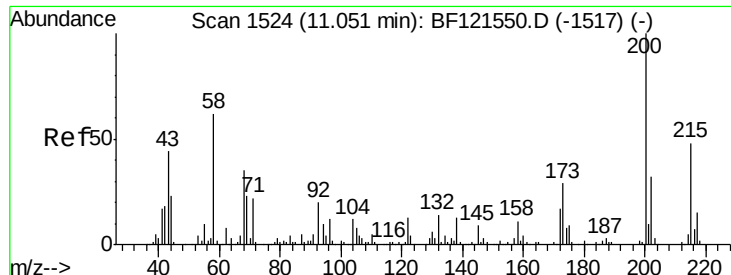
mohammad
 9/16/2020 10:14:37 AM



#68
 Hexachlorobenzene
 Concen: 38.946 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion:	284	Resp:	410491
Ion Ratio	Lower	Upper	
284	100		
142	28.7	27.0	40.4
249	30.5	24.7	37.1





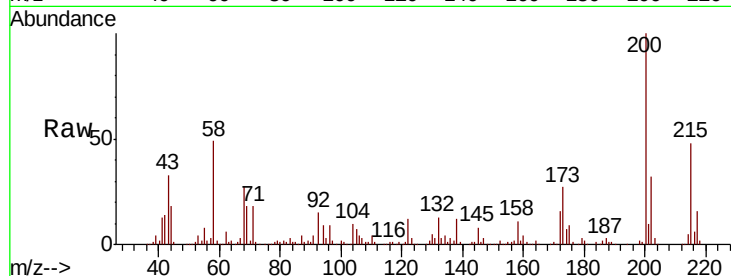
#69
Atrazine
Concen: 38.477 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampled :
357MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	8.5	48.5
215	48.0	27.8	67.8

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM

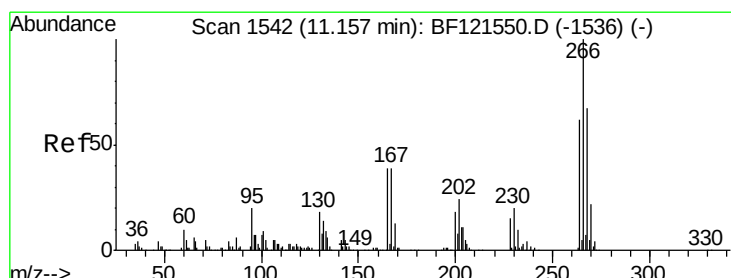
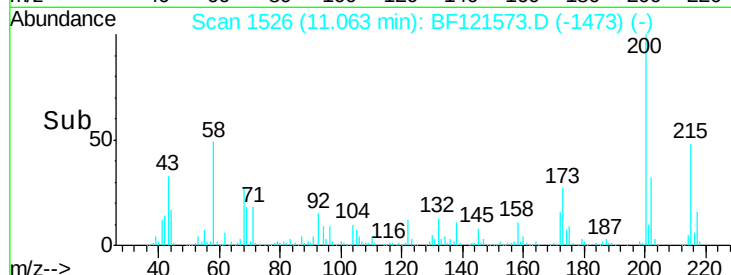
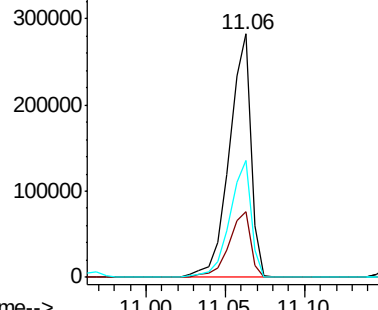


Abundance

Ion 200.00 (199.70 to 200.70): E

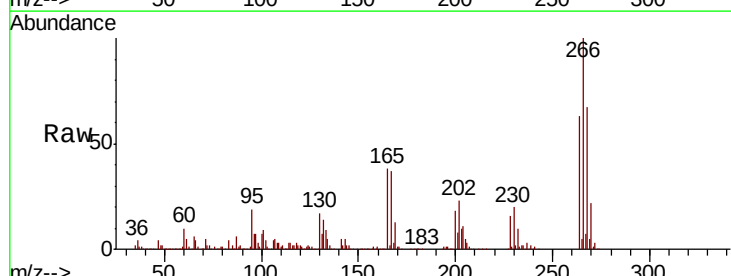
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.268 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.1	53.5	80.3
264	63.0	49.8	74.8

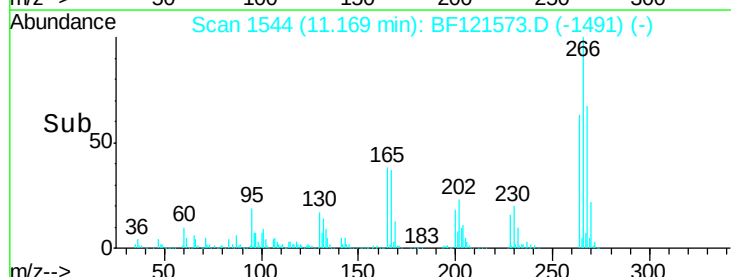
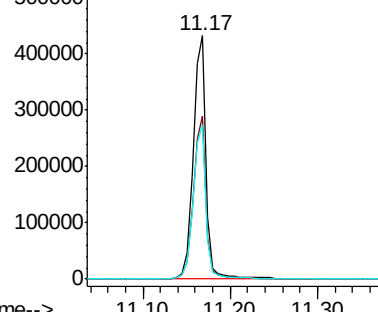


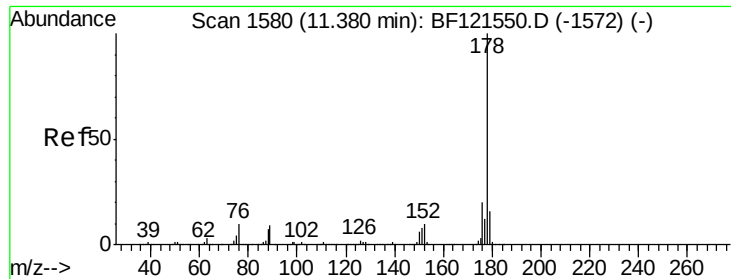
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





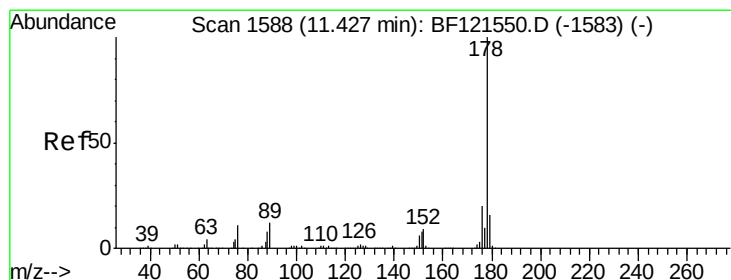
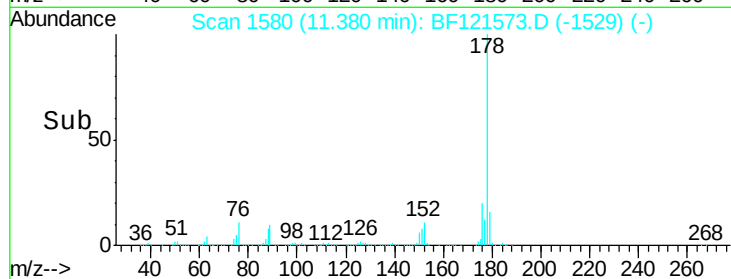
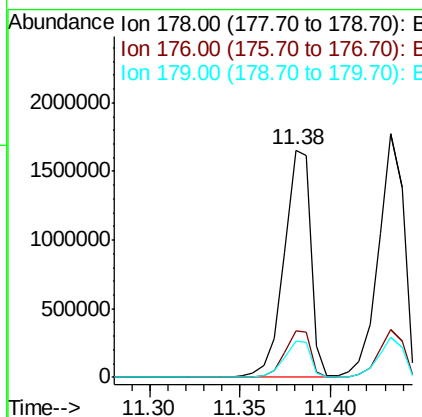
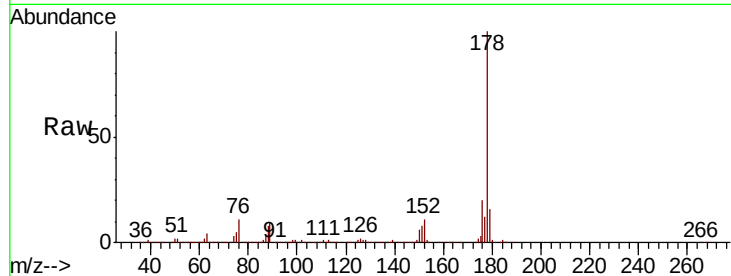
#71
Phenanthrene
Concen: 38.263 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.0	12.6	19.0

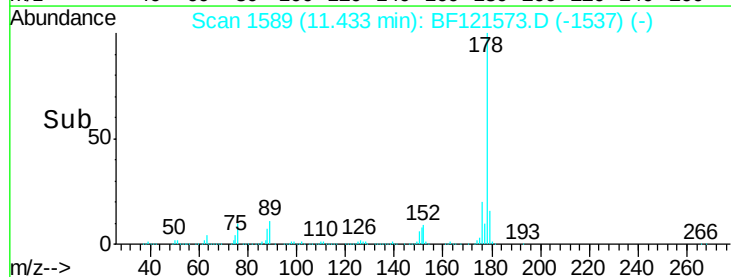
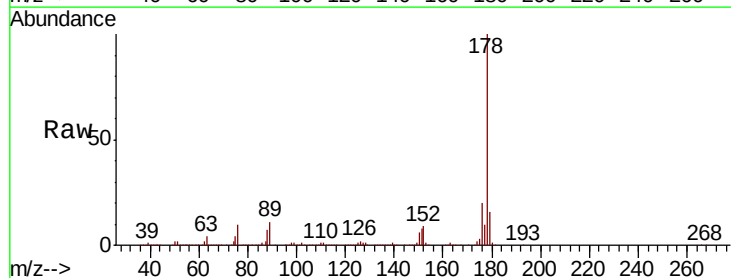
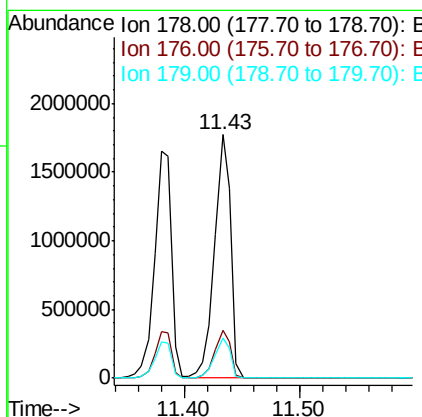
Manual Integrations
APPROVED

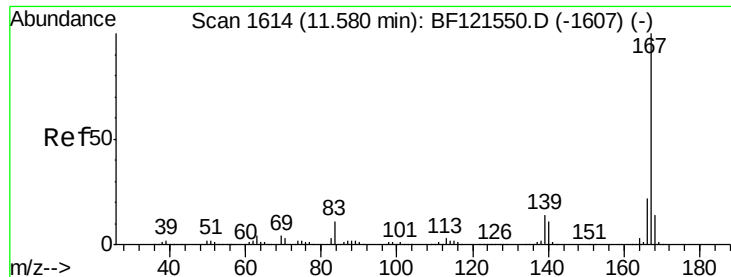
mohammad
9/16/2020 10:14:37 AM



#72
Anthracene
Concen: 37.345 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.2	12.8	19.2





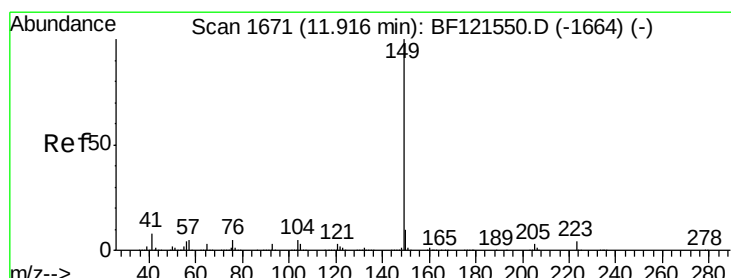
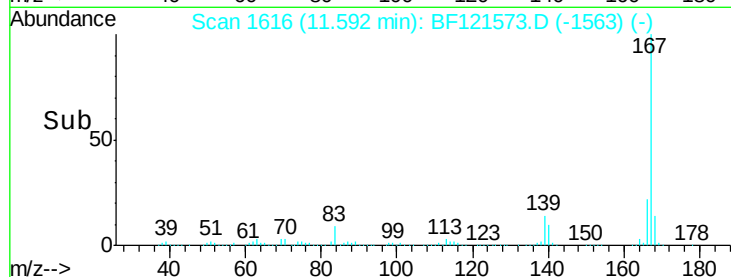
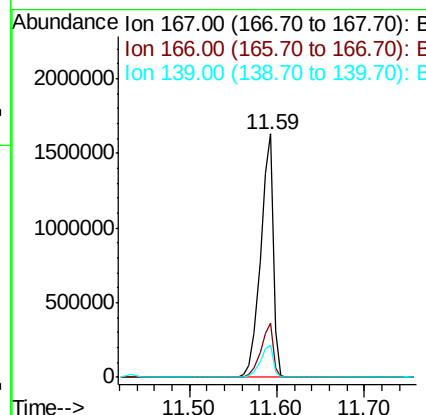
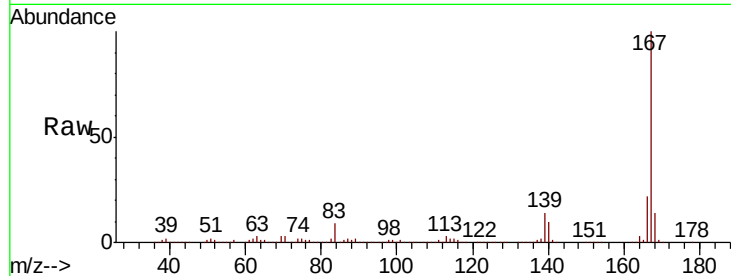
#73
 Carbazole
 Concen: 38.345 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.5	11.2	16.8

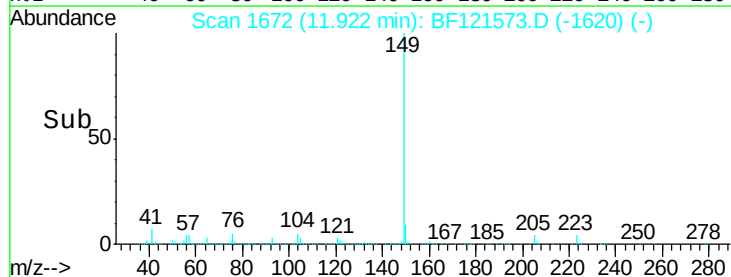
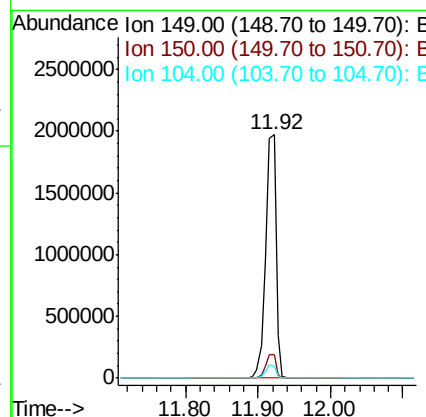
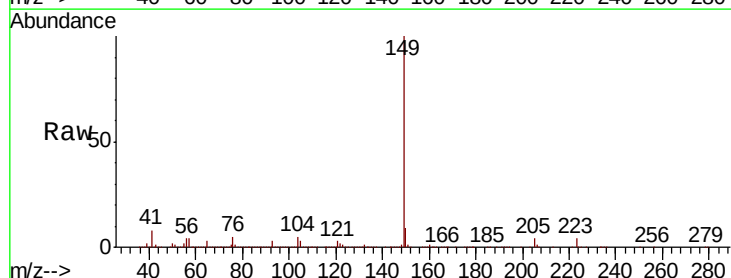
Manual Integrations
 APPROVED

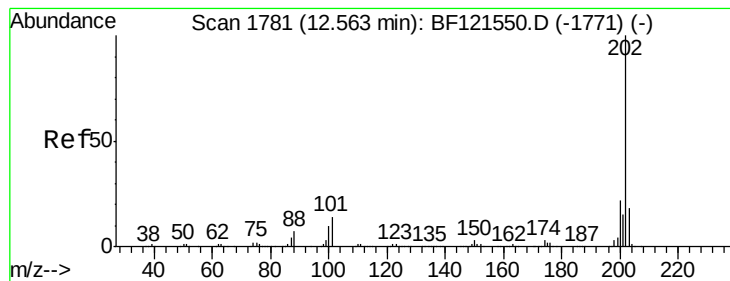
mohammad
 9/16/2020 10:14:37 AM



#74
 Di-n-butylphthalate
 Concen: 41.203 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.0	4.2	6.4





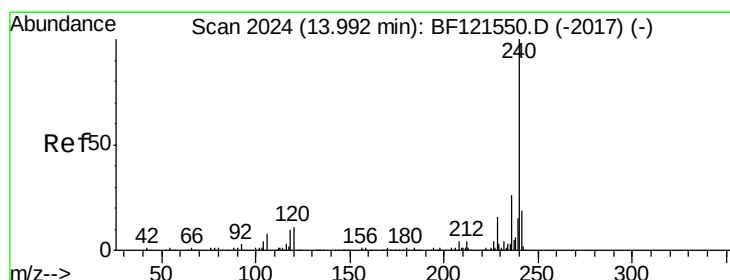
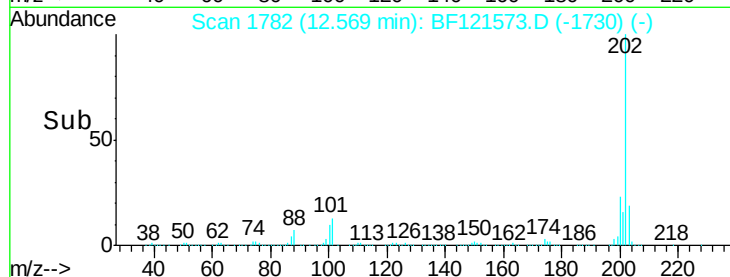
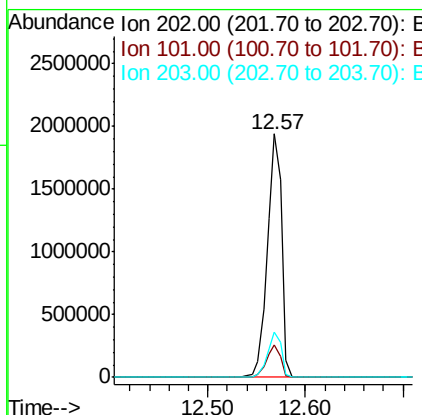
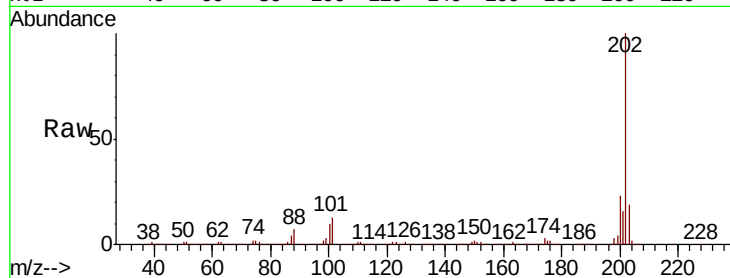
#75
 Fluoranthene
 Concen: 42.012 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampled :
 357MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.0
203	18.5	0.0	38.2

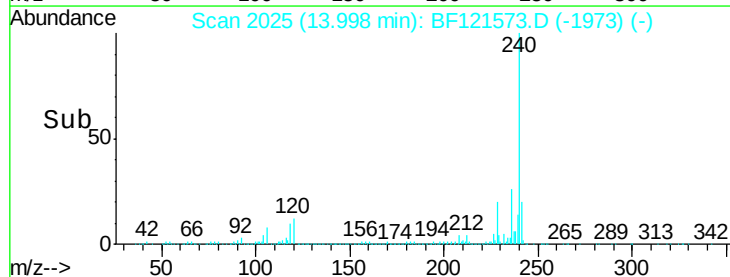
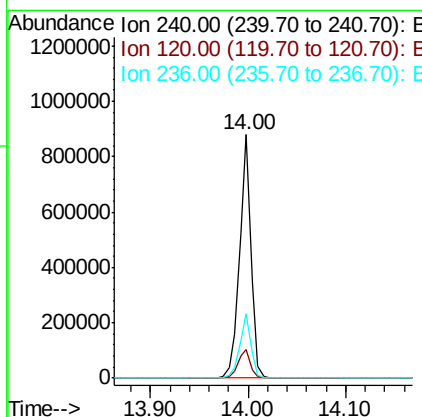
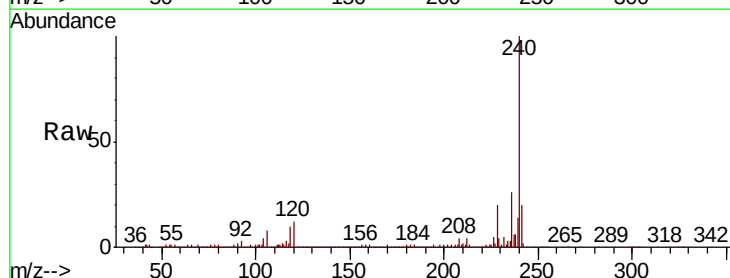
Manual Integrations
 APPROVED

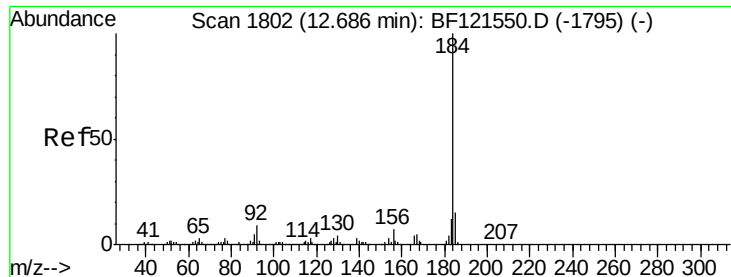
mohammad
 9/16/2020 10:14:37 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.2	13.8
236	26.3	20.5	30.7





#77

Benzidine

Concen: 20.425 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

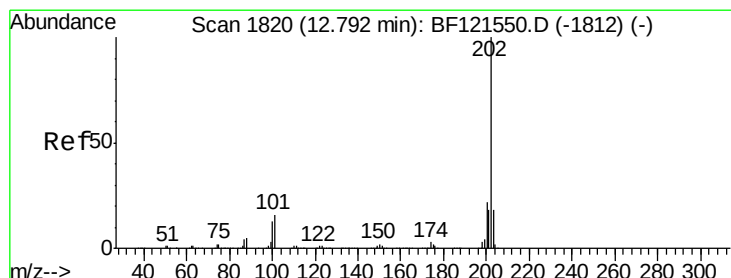
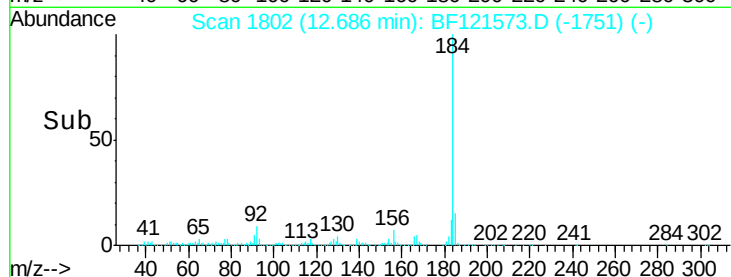
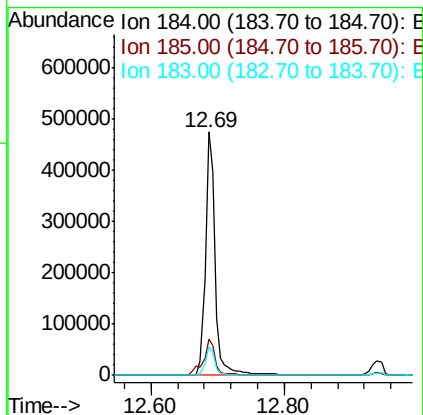
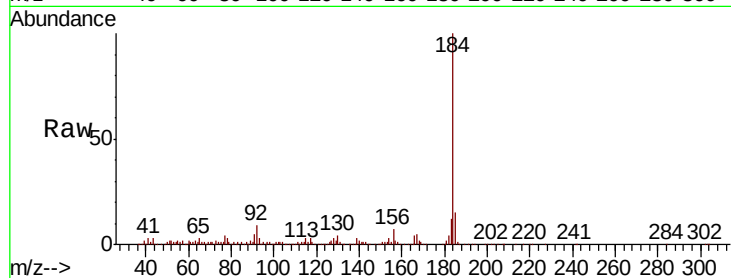
ClientSampleId :

357MS

Tot Ion:	184	Resp:	480693
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.0	18.0
183	11.8	9.5	14.3

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM



#78

Pyrene

Concen: 38.963 ng

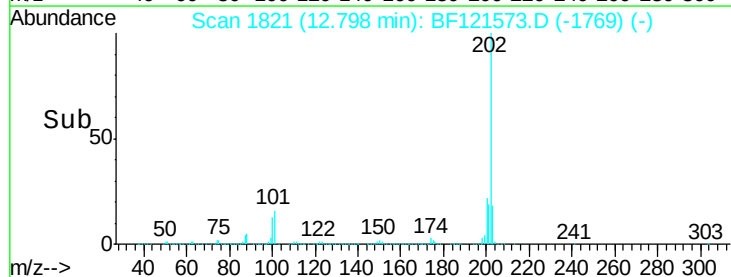
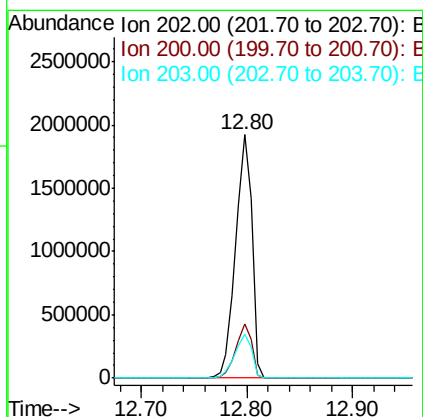
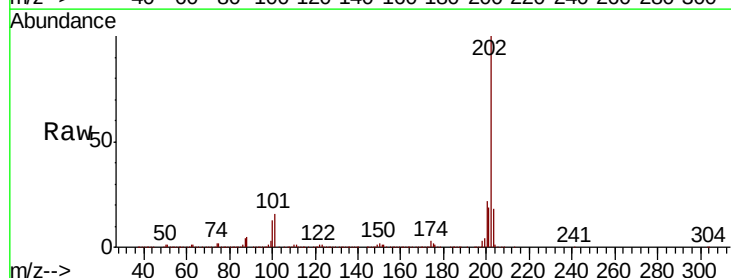
RT: 12.80 min Scan# 1821

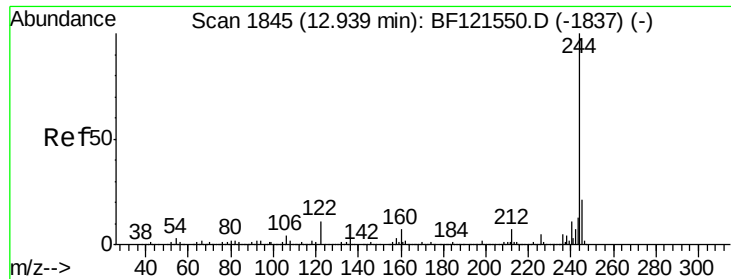
Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Tgt Ion:	202	Resp:	2020896
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.8
203	18.1	14.6	22.0





#79

Terphenyl-d14

Concen: 63.290 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampled :

357MS

Tot Ion:244 Resp: 2217768

Ion Ratio Lower Upper

244 100

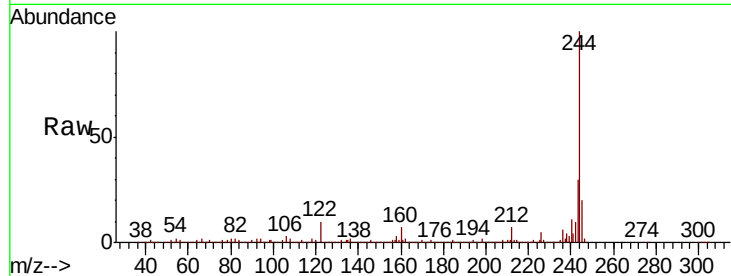
212 7.2 5.7 8.5

122 9.9 8.7 13.1

Manual Integrations
APPROVED

mohammad

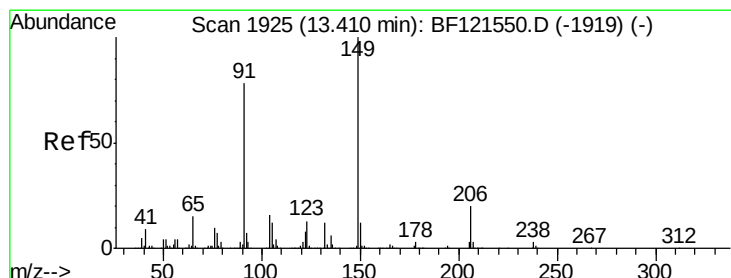
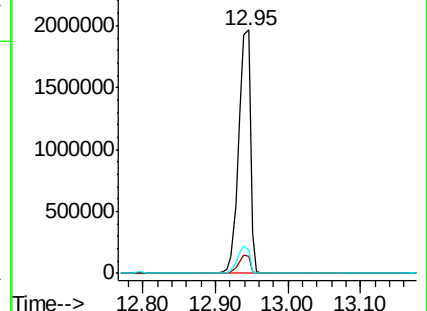
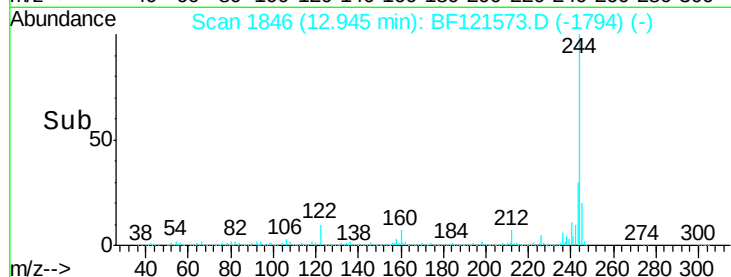
9/16/2020 10:14:37 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.070 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

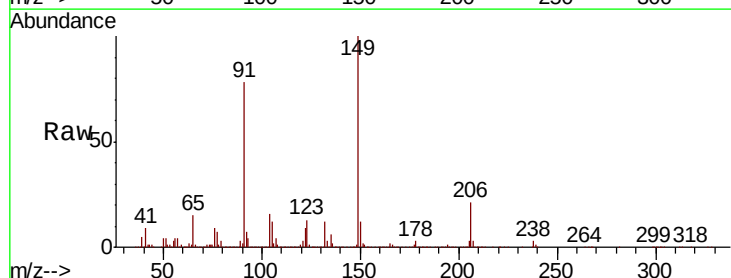
Tgt Ion:149 Resp: 945431

Ion Ratio Lower Upper

149 100

91 78.5 62.6 94.0

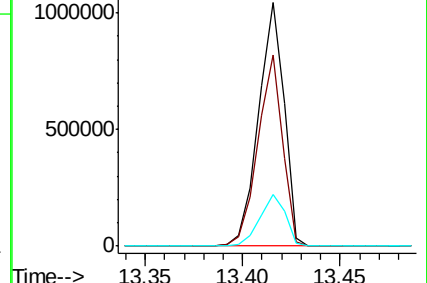
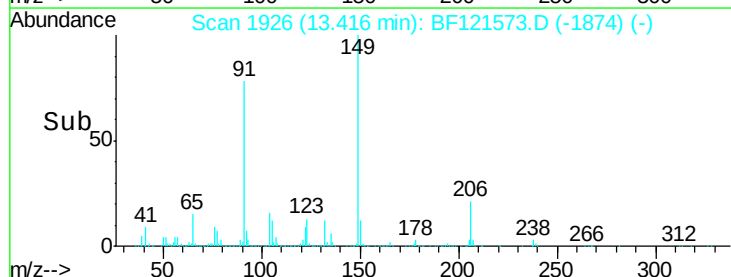
206 21.3 15.8 23.6

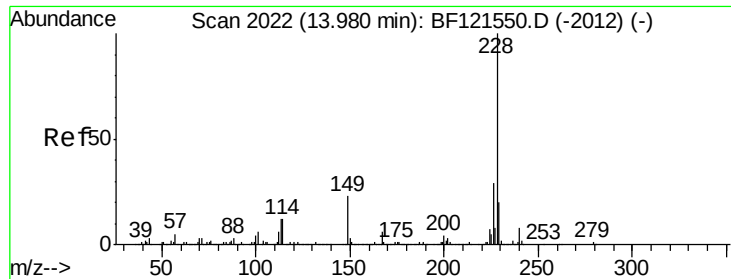


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





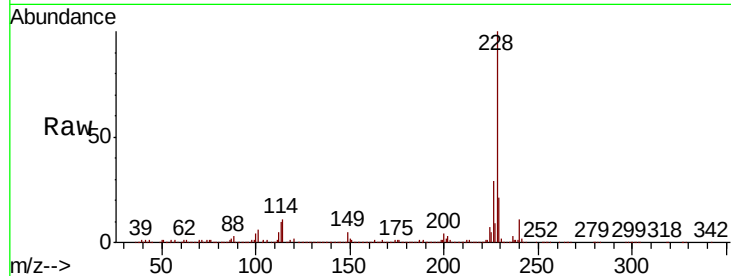
#81
Benzo(a)anthracene
Concen: 38.694 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.9	34.3
229	20.8	16.3	24.5

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM

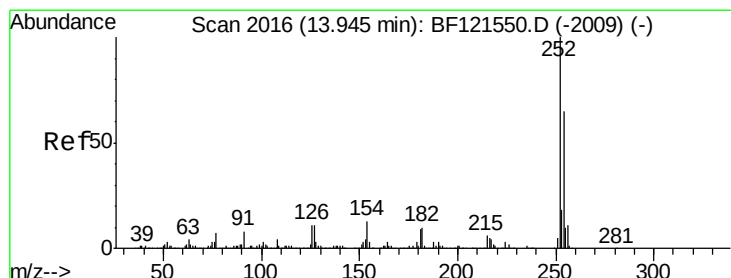
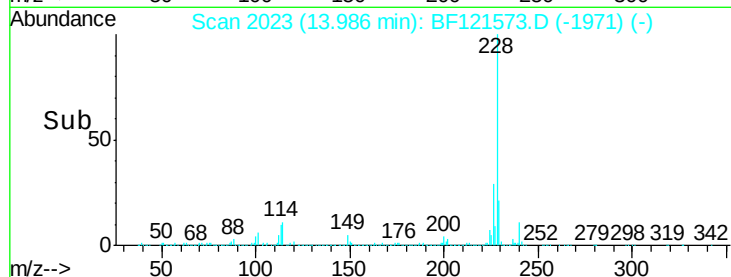
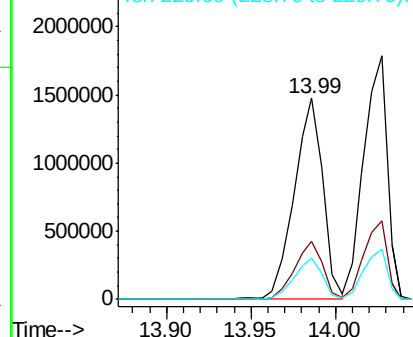


Abundance

Ion 228.00 (227.70 to 228.70): E

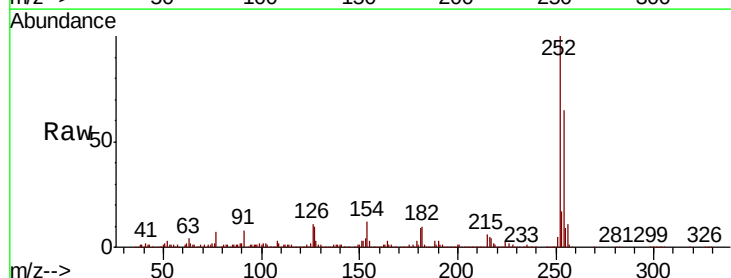
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 32.059 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.3	78.5
126	10.6	9.1	13.7

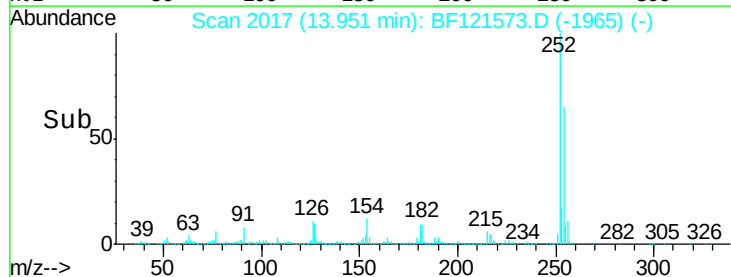
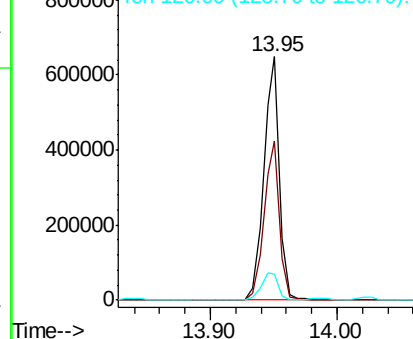


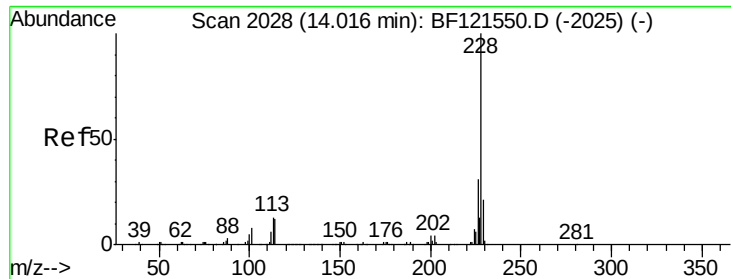
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





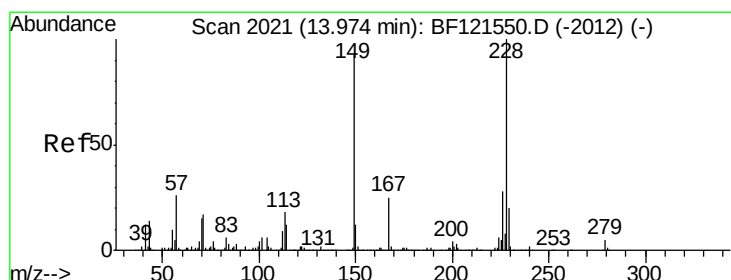
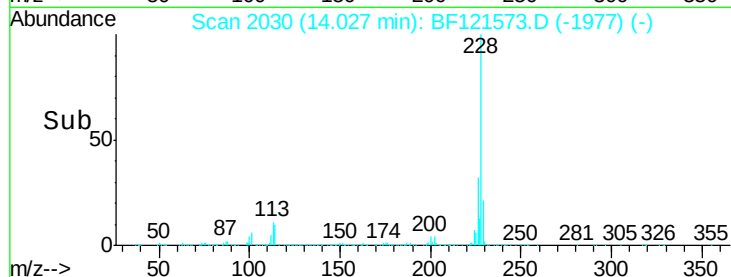
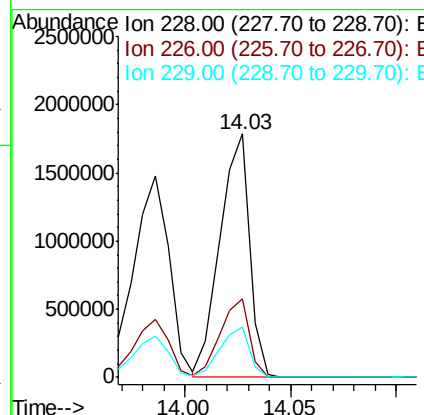
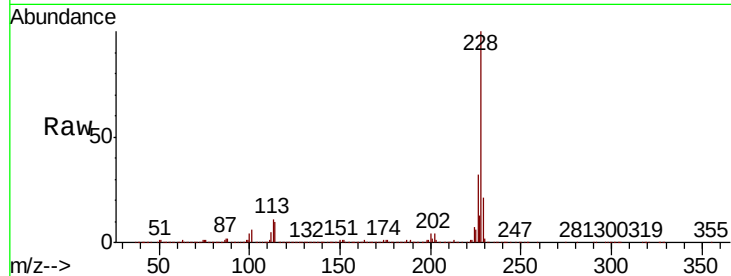
#83
Chrysene
Concen: 38.159 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.1	37.7
229	20.8	16.6	25.0

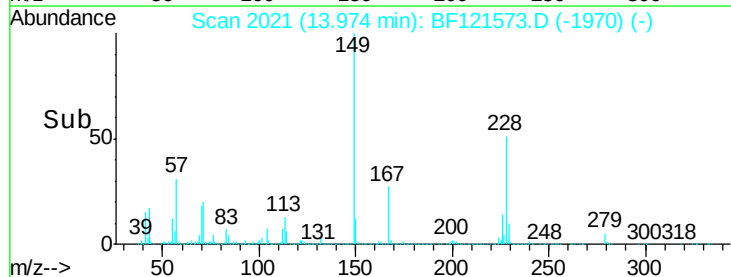
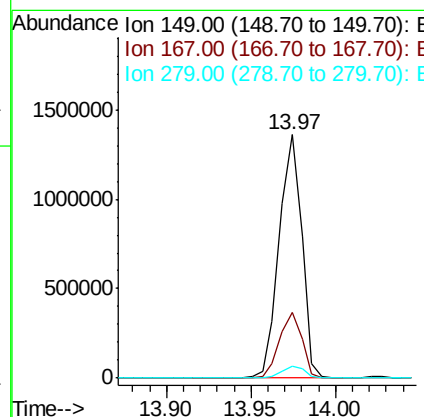
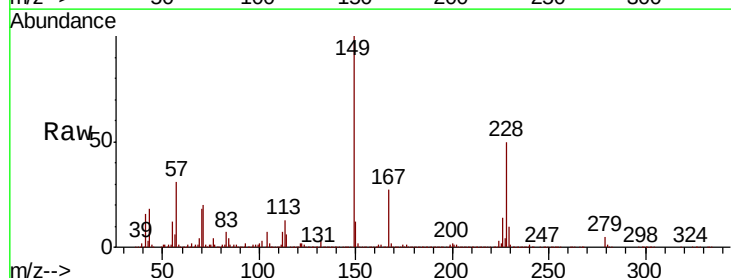
Manual Integrations
APPROVED

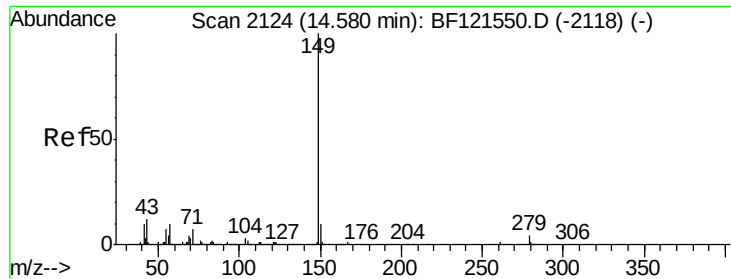
mohammad
9/16/2020 10:14:37 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.936 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.6	32.4
279	4.9	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 46.241 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

Tot Ion:149 Resp: 2286880

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

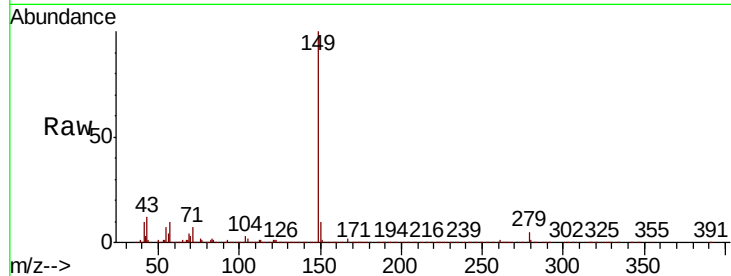
43 11.7 9.4 14.0

Manual Integrations

APPROVED

mohammad

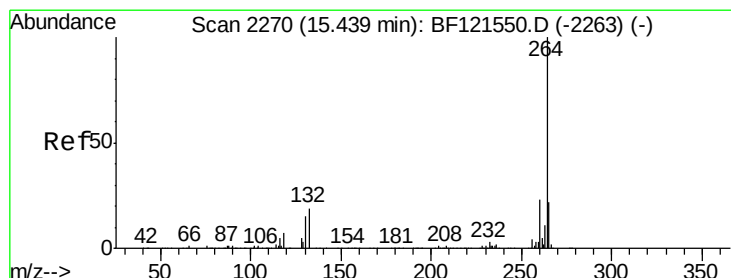
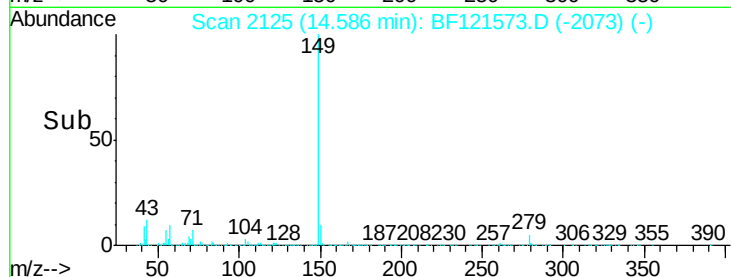
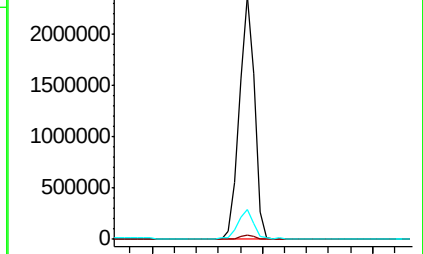
9/16/2020 10:14:37 AM



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: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

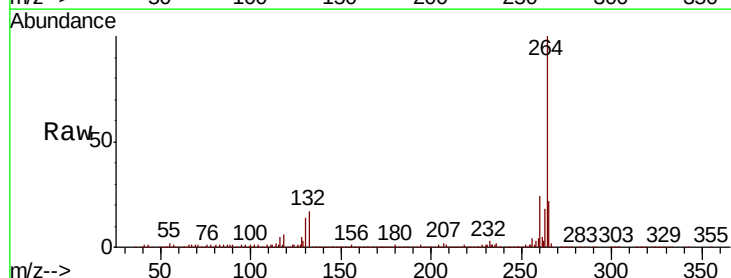
Tgt Ion:264 Resp: 614743

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

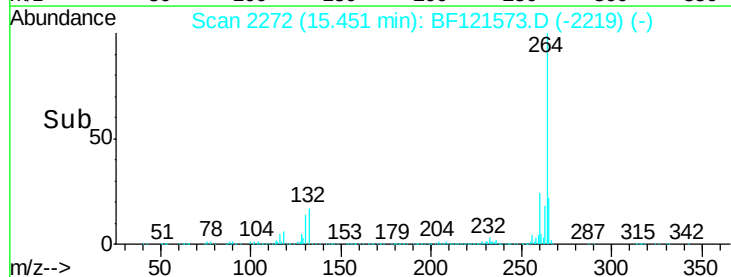
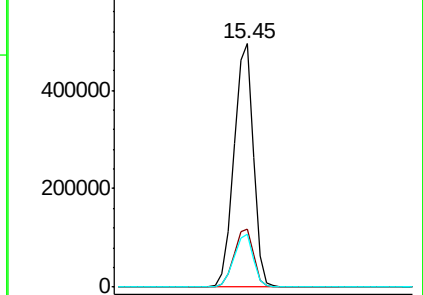
265 21.7 17.8 26.6

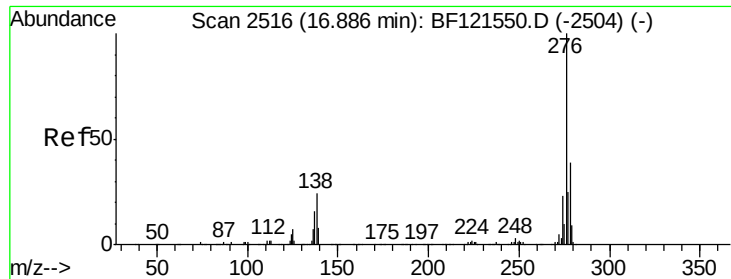


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





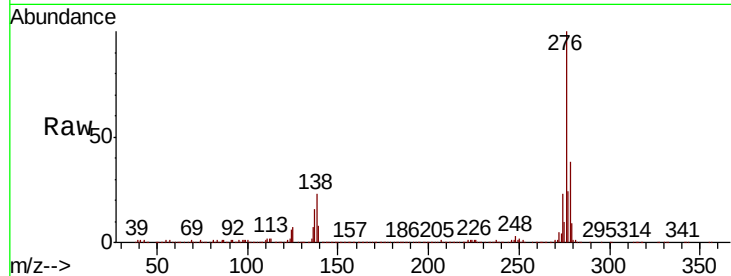
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.136 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.6	31.0
277	25.4	20.2	30.4

Manual Integrations
 APPROVED

mohammad
 9/16/2020 10:14:37 AM

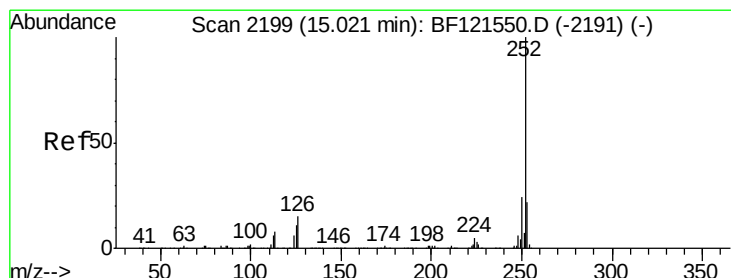
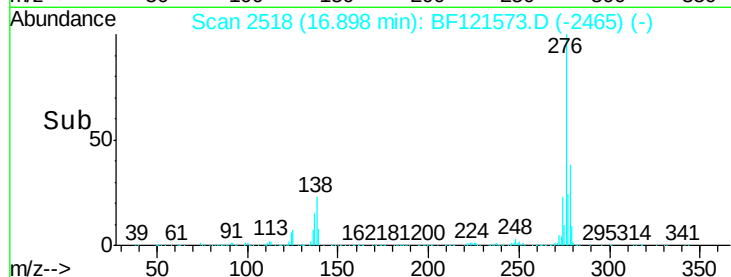
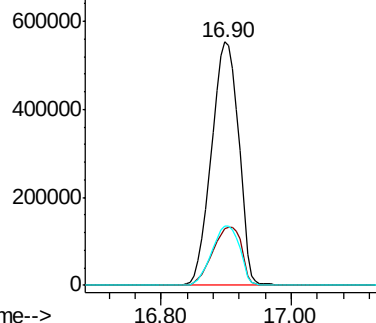


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 44.703 ng
 RT: 15.03 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

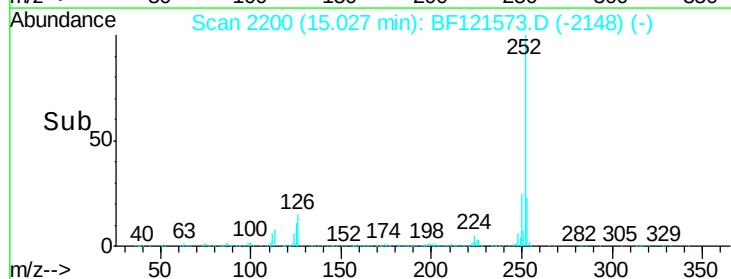
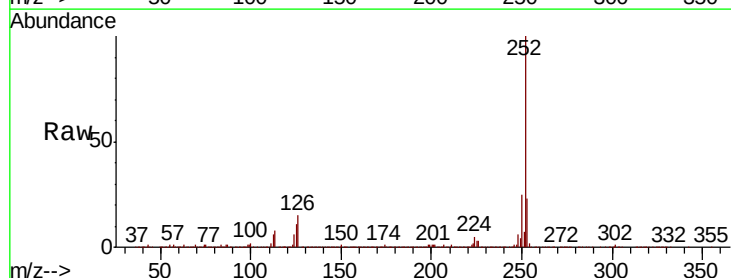
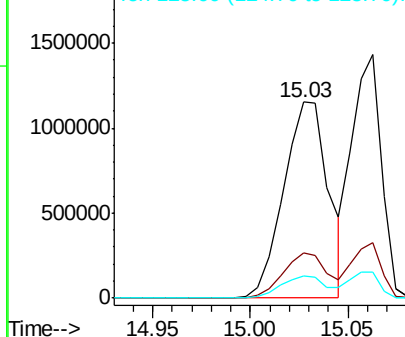
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	11.5	9.2	13.8

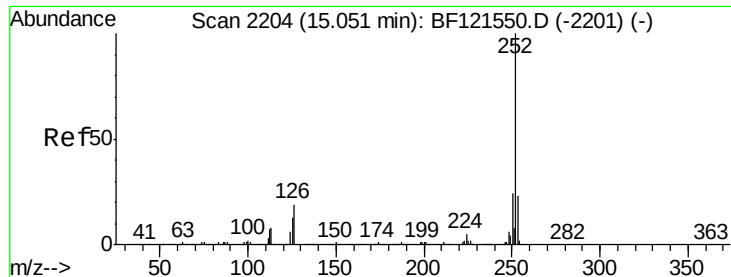
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





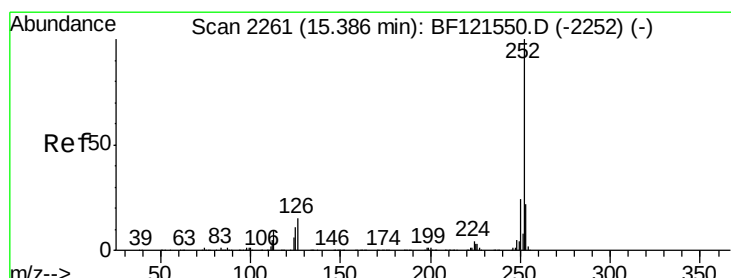
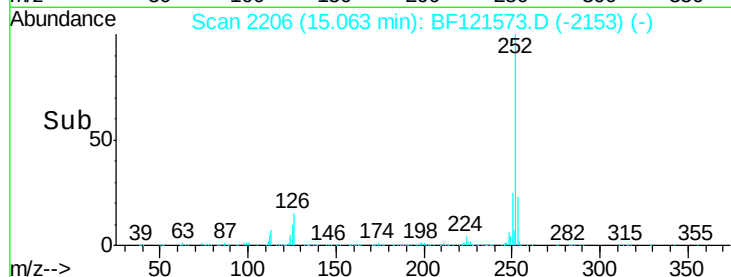
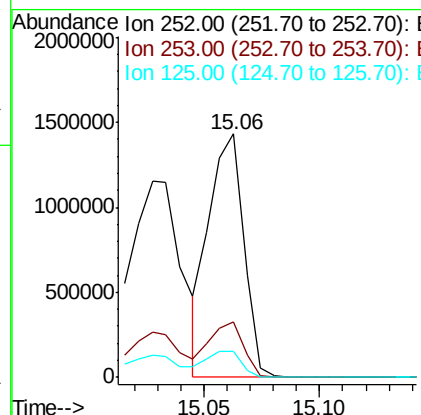
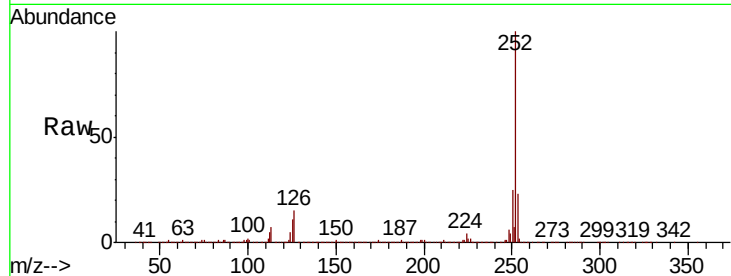
#89
Benzo(k)fluoranthene
Concen: 39.674 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.5	9.8	14.6

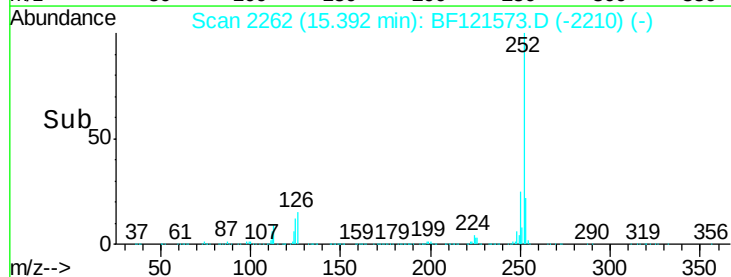
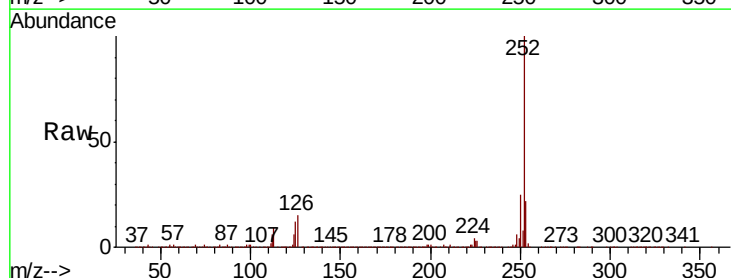
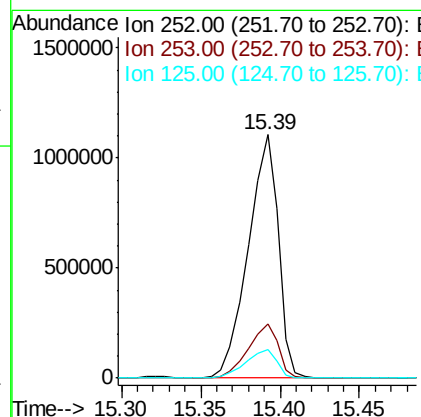
Manual Integrations
APPROVED

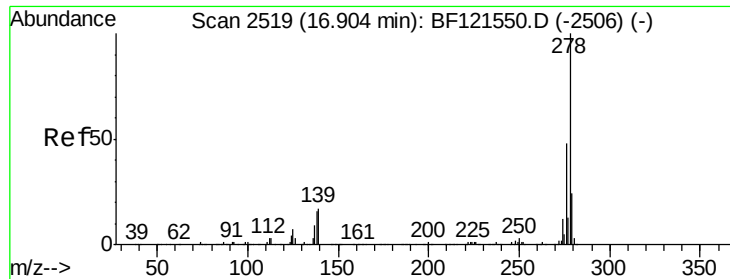
mohammad
9/16/2020 10:14:37 AM



#90
Benzo(a)pyrene
Concen: 41.533 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.9	9.0	13.4





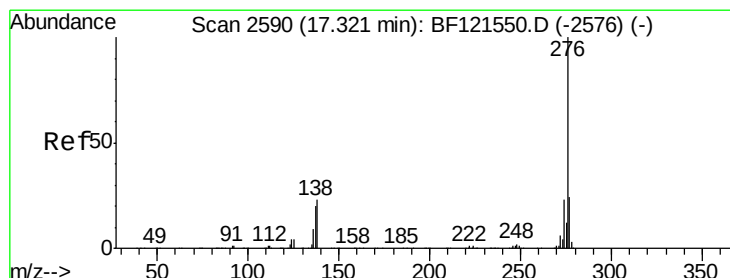
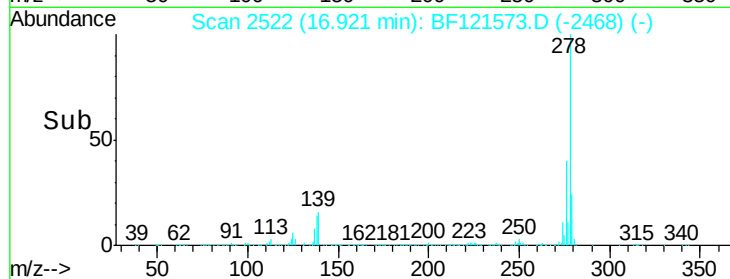
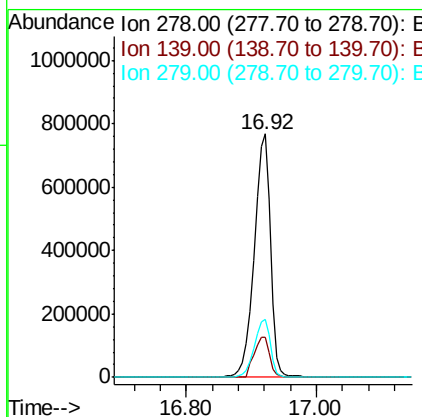
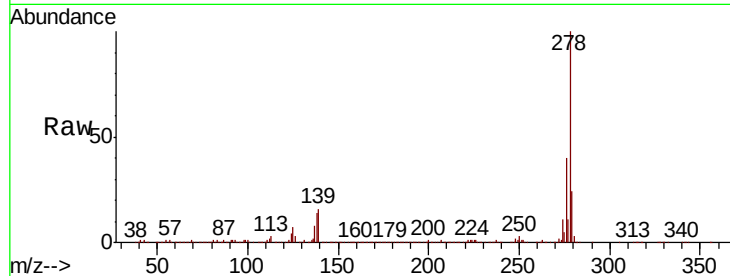
#91
Dibenzo(a,h)anthracene
Concen: 39.989 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.02 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

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

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:37 AM



#92
Benzo(g,h,i)perylene
Concen: 40.434 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.02 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	22.1	18.7	28.1

