

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120196.D
 Acq On : 24 Apr 2020 12:28
 Operator : MA/SJ
 Sample : L2381-01MSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:14 PM

Quant Time: Apr 24 13:10:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	149571	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	589829	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	292797	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	536408	20.00	ng	0.00
76) Chrysene-d12	13.82	240	306608	20.00	ng	0.00
87) Perylene-d12	15.22	264	279385	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1070276	123.66	ng	0.01
7) Phenol-d6	6.32	99	1480776	132.78	ng	0.00
23) Nitrobenzene-d5	7.24	82	1024073	89.82	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	365043	101.83	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1964305	95.25	ng	0.00
79) Terphenyl-d14	12.77	244	1975024	108.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	150845	39.131	ng	99
3) Pyridine	3.00	79	419739	39.686	ng	96
4) n-Nitrosodimethylamine	2.96	42	247972	45.888	ng	99
6) Aniline	6.33	93	353461	24.148	ng	# 16
8) 2-Chlorophenol	6.45	128	508201	52.553	ng	99
9) Benzaldehyde	6.21	77	204536	30.967	ng	99
10) Phenol	6.33	94	633500	50.071	ng	91
11) bis(2-Chloroethyl)ether	6.40	93	493217	50.489	ng	98
12) 1,3-Dichlorobenzene	6.60	146	510466	48.217	ng	97
13) 1,4-Dichlorobenzene	6.68	146	520520	48.266	ng	98
14) 1,2-Dichlorobenzene	6.83	146	477312	48.025	ng	97
15) Benzyl Alcohol	6.82	79	409257	47.248	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	808120	42.511	ng	72
17) 2-Methylphenol	6.94	107	410737	47.595	ng	# 92
18) Hexachloroethane	7.17	117	196331	48.712	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	359669	50.153	ng	96
20) 3+4-Methylphenols	7.09	107	533836	50.578	ng	# 90
22) Acetophenone	7.08	105	698158	50.548	ng	# 98
24) Nitrobenzene	7.26	77	529569	46.173	ng	98
25) Isophorone	7.50	82	989317	45.013	ng	99
26) 2-Nitrophenol	7.57	139	285295	49.789	ng	95
27) 2,4-Dimethylphenol	7.62	122	434692	50.300	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	626048	48.407	ng	99
29) 2,4-Dichlorophenol	7.82	162	427932	48.309	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	454271	45.259	ng	98
31) Naphthalene	7.97	128	1459213	47.022	ng	98
32) Benzoic acid	7.77	122	331091	43.623	ng	94
33) 4-Chloroaniline	8.03	127	124132	9.188	ng	97
34) Hexachlorobutadiene	8.09	225	261034	43.446	ng	100
35) Caprolactam	8.41	113	133704m	49.343	ng	
36) 4-Chloro-3-methylphenol	8.53	107	466054	48.595	ng	99
37) 2-Methylnaphthalene	8.67	142	982045	46.677	ng	98
38) 1-Methylnaphthalene	8.76	142	928742	46.834	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	441788	47.772	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120196.D
 Acq On : 24 Apr 2020 12:28
 Operator : MA/SJ
 Sample : L2381-01MSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

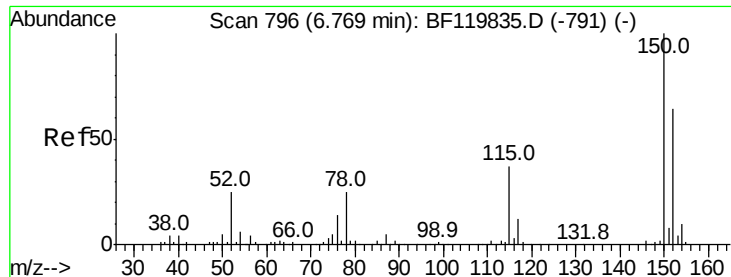
Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:14 PM

Quant Time: Apr 24 13:10:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	323102	61.442	nq	98
43) 2,4,6-Trichlorophenol	8.95	196	306545	48.003	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	326798	45.436	nq	97
46) 1,1'-Biphenyl	9.13	154	1175105	47.549	nq	99
47) 2-Chloronaphthalene	9.16	162	914615	48.041	nq	98
48) 2-Nitroaniline	9.26	65	321427	46.589	nq	97
49) Acenaphthylene	9.57	152	1406843	48.590	nq	98
50) Dimethylphthalate	9.45	163	1271525	56.144	nq	99
51) 2,6-Dinitrotoluene	9.50	165	243003	48.998	nq	98
52) Acenaphthene	9.74	154	849954	44.008	nq	99
53) 3-Nitroaniline	9.67	138	129606	22.882	nq	89
54) 2,4-Dinitrophenol	9.78	184	259784	87.493	nq	89
55) Dibenzofuran	9.92	168	1248559	47.109	nq	100
56) 4-Nitrophenol	9.86	139	351297	83.357	nq	99
57) 2,4-Dinitrotoluene	9.91	165	304110	46.542	nq	# 92
58) Fluorene	10.26	166	987271	46.578	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.04	232	266207	48.393	nq	99
60) Diethylphthalate	10.14	149	1115765	47.535	nq	100
61) 4-Chlorophenyl-phenylether	10.25	204	476148	43.829	nq	99
62) 4-Nitroaniline	10.29	138	247917	45.928	nq	97
63) Azobenzene	10.41	77	1024085	48.683	nq	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	182310	51.589	nq	90
66) n-Nitrosodiphenylamine	10.37	169	904271	50.689	nq	100
67) 4-Bromophenyl-phenylether	10.74	248	297215	44.555	nq	96
68) Hexachlorobenzene	10.80	284	312451	46.171	nq	95
69) Atrazine	10.90	200	271867	54.774	nq	100
70) Pentachlorophenol	11.00	266	309774	79.433	nq	98
71) Phenanthrene	11.22	178	1384066	48.482	nq	98
72) Anthracene	11.27	178	1424763	48.854	nq	98
73) Carbazole	11.43	167	1307002	47.391	nq	98
74) Di-n-butylphthalate	11.76	149	1721112	47.472	nq	99
75) Fluoranthene	12.40	202	1432114	46.493	nq	99
77) Benzdine	12.53	184	598304	57.728	nq	97
78) Pyrene	12.63	202	1407613	54.458	nq	98
80) Butylbenzylphthalate	13.25	149	663937	52.936	nq	95
81) Benzo(a)anthracene	13.82	228	1001928	49.673	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	214582	28.512	nq	99
83) Chrysene	13.85	228	1005673	49.069	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	868763	51.150	nq	99
85) Di-n-octyl phthalate	14.42	149	1396000	48.272	nq	98
86) Indeno(1,2,3-cd)pyrene	16.57	276	1009226	55.862	nq	99
88) Benzo(b)fluoranthene	14.83	252	964730	48.001	nq	99
89) Benzo(k)fluoranthene	14.86	252	845622	48.764	nq	99
90) Benzo(a)pyrene	15.17	252	821913	48.638	nq	98
91) Dibenzo(a,h)anthracene	16.59	278	827814	55.303	nq	99
92) Benzo(g,h,i)perylene	16.98	276	828945	56.102	nq	97

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



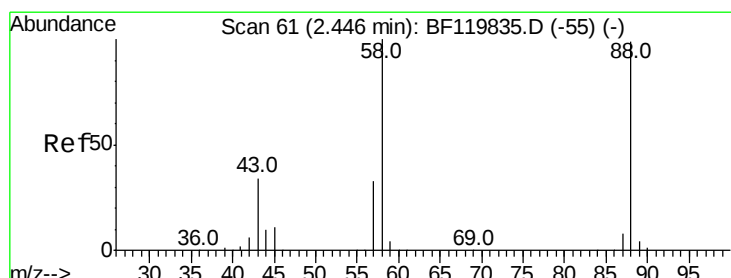
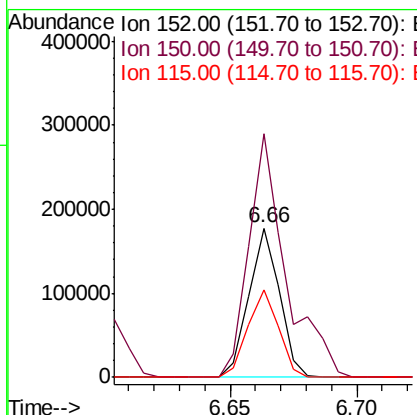
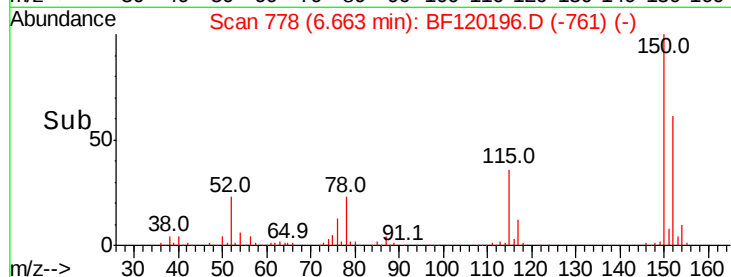
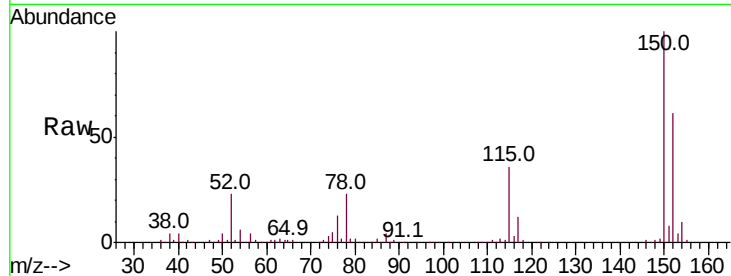
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

Tot Ion:	152	Resp:	149571
Ion Ratio	Lower	Upper	
152	100		
150	163.2	124.5	186.7
115	58.4	49.6	74.4

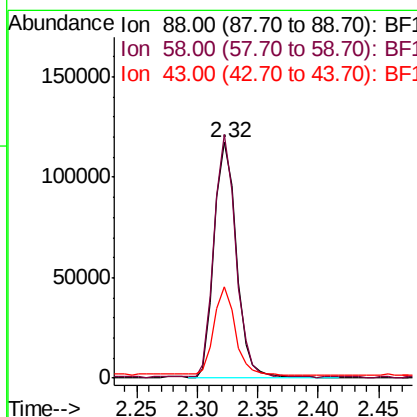
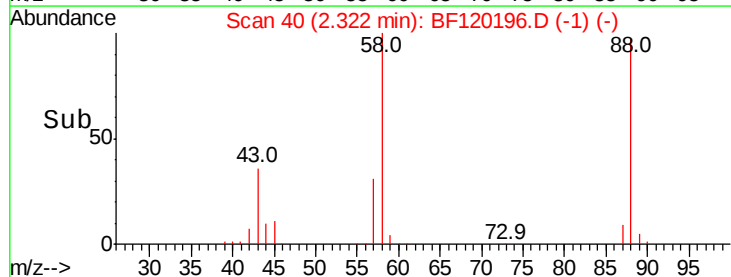
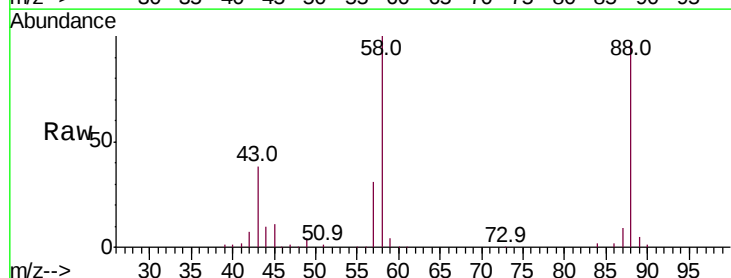
Manual Integrations
 APPROVED

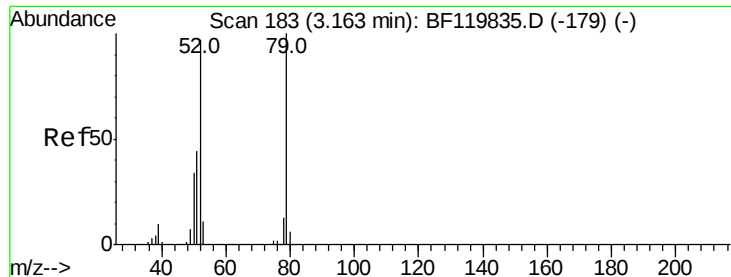
mohammad
 4/27/2020 3:04:14 PM



#2
 1,4-Dioxane
 Concen: 39.131 ng
 RT: 2.32 min Scan# 40
 Delta R.T. 0.05 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Tgt Ion:	88	Resp:	150845
Ion Ratio	Lower	Upper	
88	100		
58	99.7	80.6	121.0
43	35.6	27.5	41.3





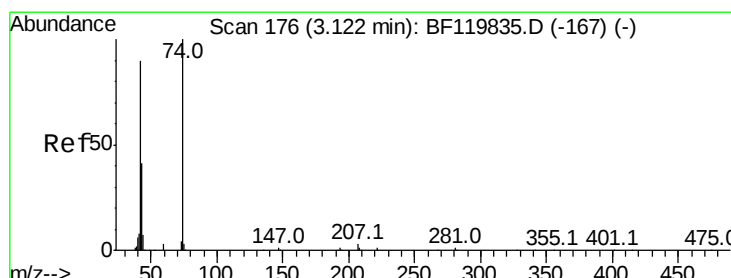
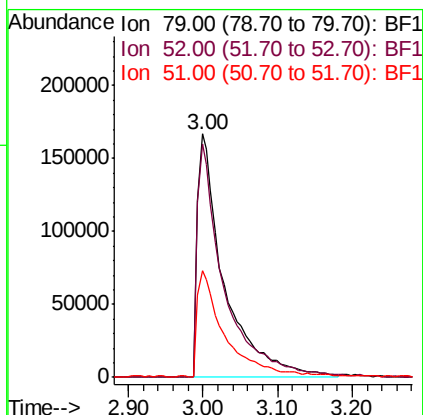
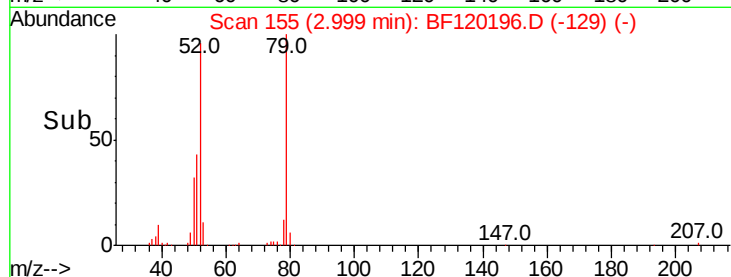
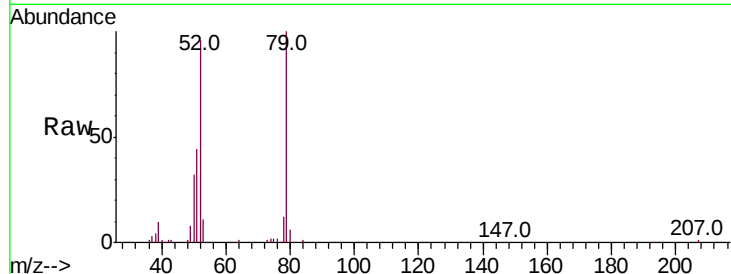
#3
Pvridine
Concen: 39.686 ng
RT: 3.00 min Scan# 155
Delta R.T. 0.05 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.8	80.2	120.2
51	44.1	37.7	56.5

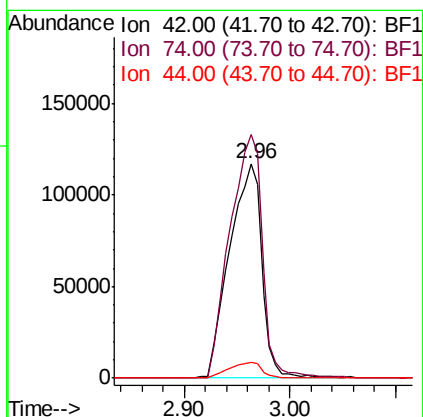
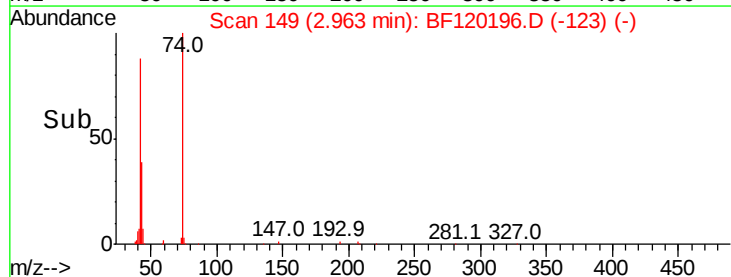
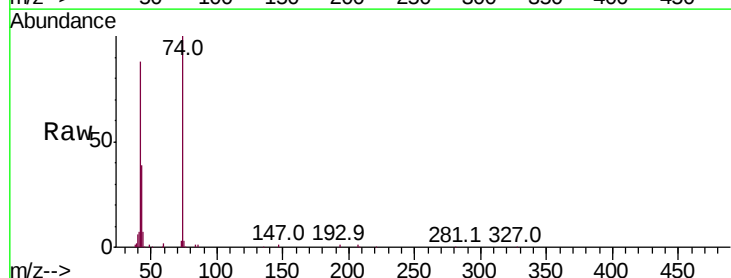
Manual Integrations
APPROVED

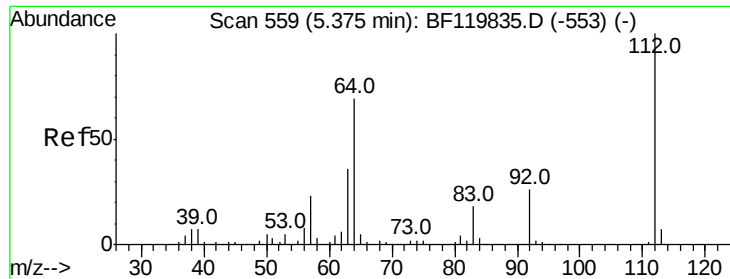
mohammad
4/27/2020 3:04:14 PM



#4
n-Nitrosodimethylamine
Concen: 45.888 ng
RT: 2.96 min Scan# 149
Delta R.T. 0.05 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.6	91.5	137.3
44	7.4	6.2	9.4





#5

2-Fluorophenol

Concen: 123.663 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

ClientSampled :

ETGI-337MSD

Tot Ion:112 Resp: 1070276

Ion Ratio Lower Upper

112 100

64 66.6 56.7 85.1

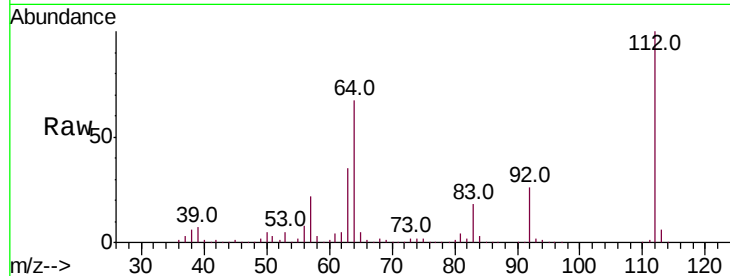
63 35.0 29.5 44.3

Manual Integrations

APPROVED

mohammad

4/27/2020 3:04:14 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

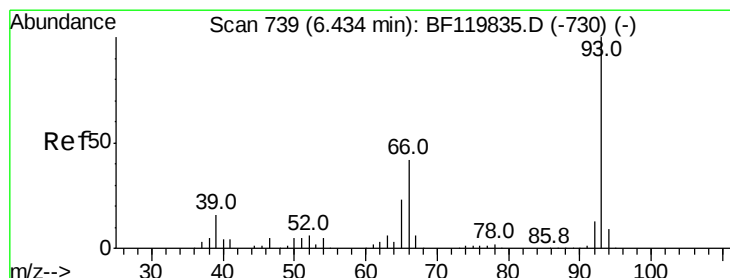
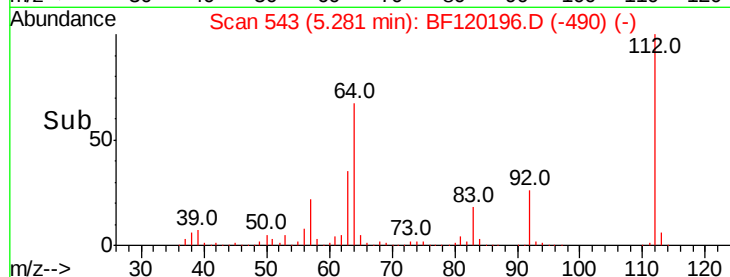
1500000

1000000

500000

0

Time-->



#6

Aniline

Concen: 24.148 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

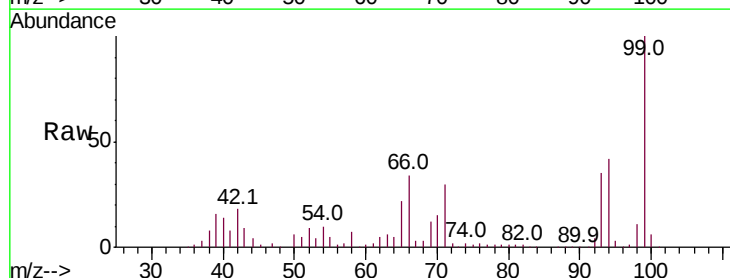
Tgt Ion: 93 Resp: 353461

Ion Ratio Lower Upper

93 100

66 98.8 34.9 52.3#

65 62.2 18.6 27.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

600000

500000

400000

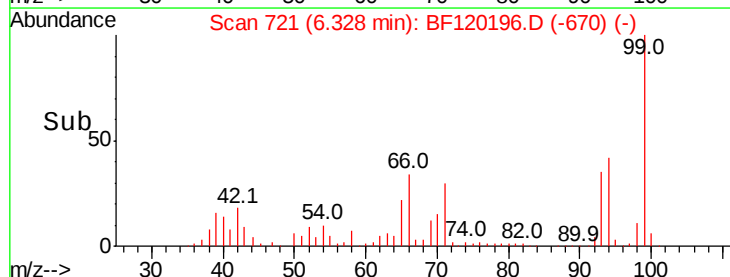
300000

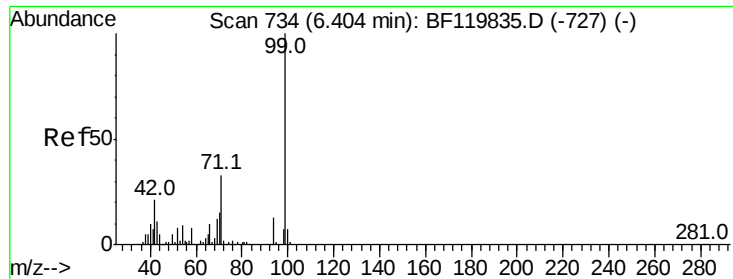
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 132.779 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

Tot Ion: 99 Resp: 1480776

Ion Ratio Lower Upper

99 100

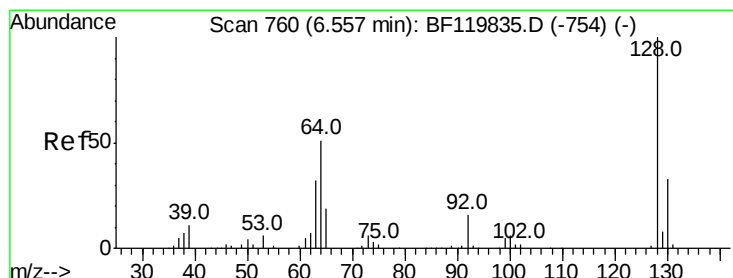
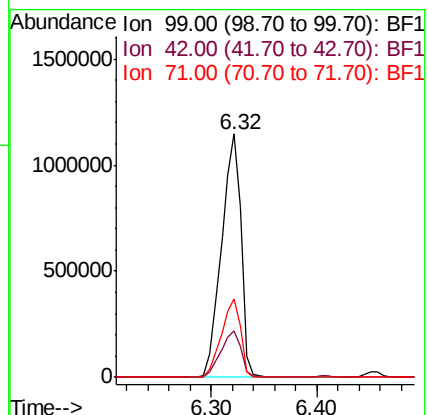
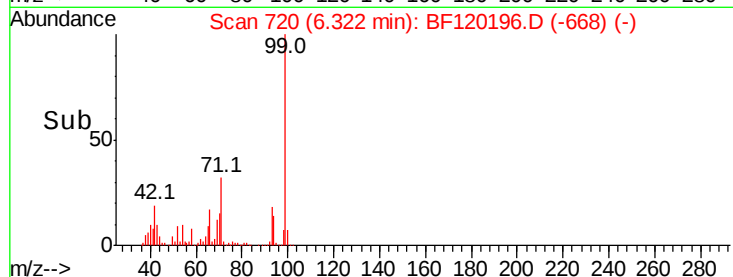
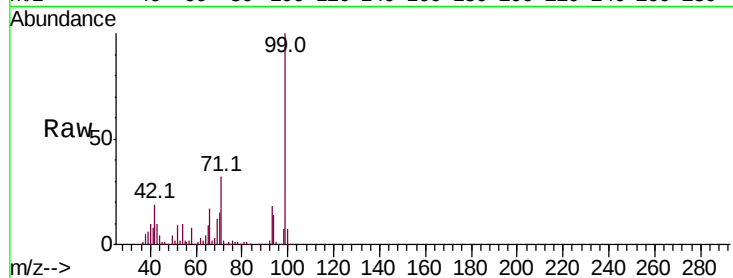
42 19.3 16.6 24.8

71 32.1 26.4 39.6

Manual Integrations
APPROVED

mohammad

4/27/2020 3:04:14 PM



#8

2-Chlorophenol

Concen: 52.553 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

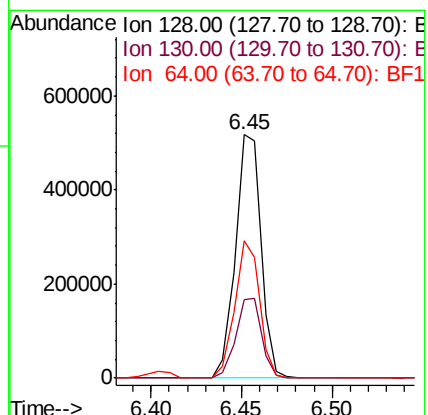
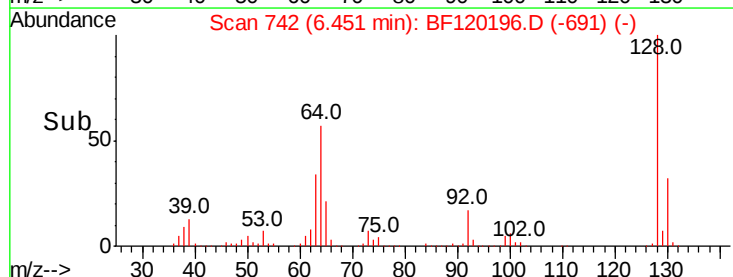
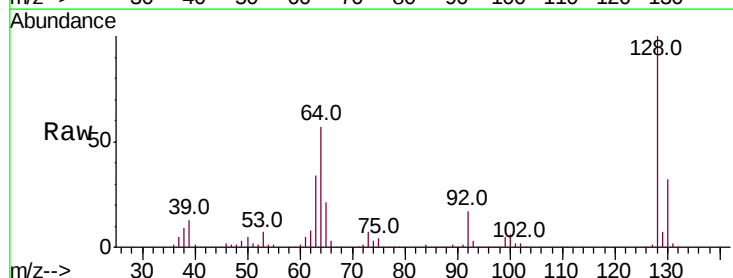
Tgt Ion:128 Resp: 508201

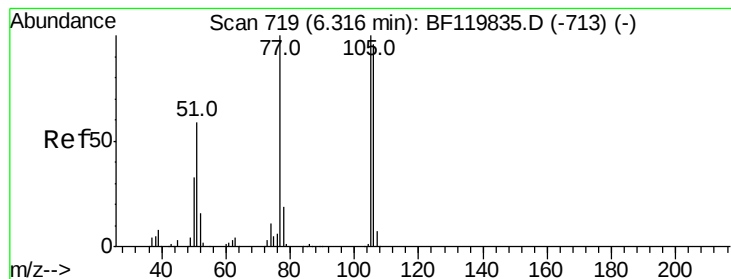
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 56.6 35.3 75.3





#9

Benzaldehyde

Concen: 30.967 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

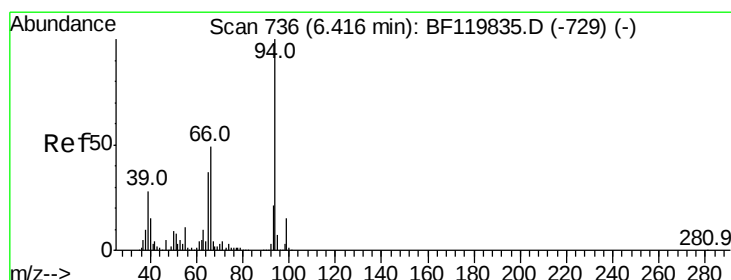
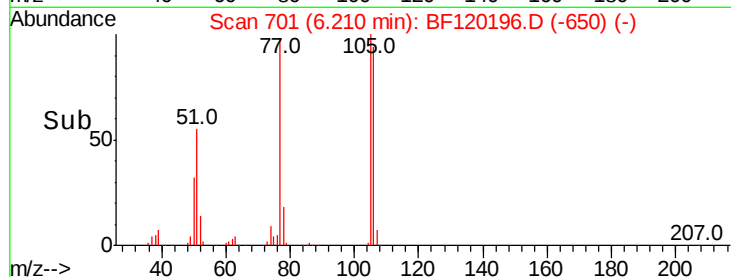
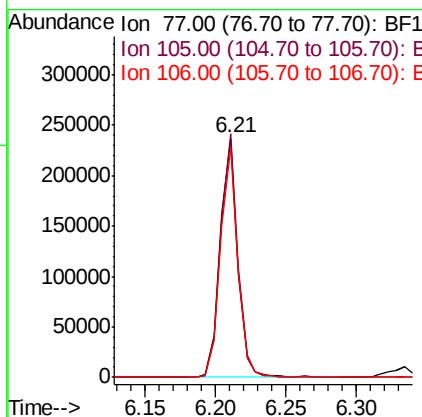
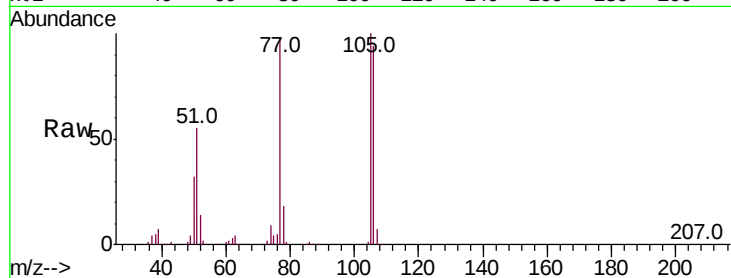
ClientSampleId :

ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	80.9	120.9
106	96.4	77.9	117.9

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



#10

Phenol

Concen: 50.071 ng

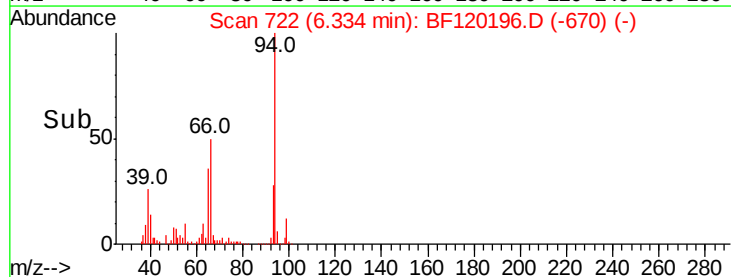
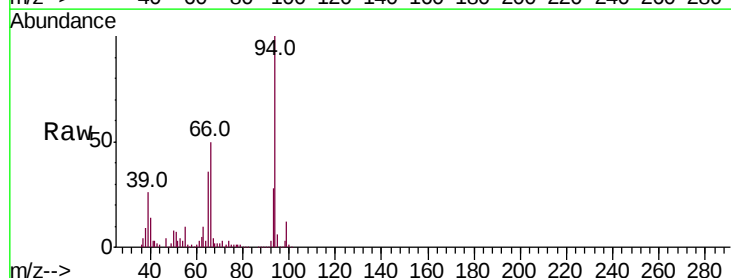
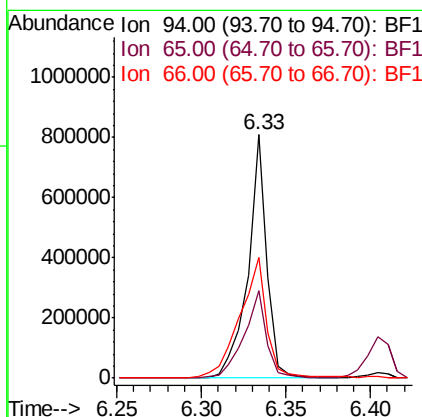
RT: 6.33 min Scan# 722

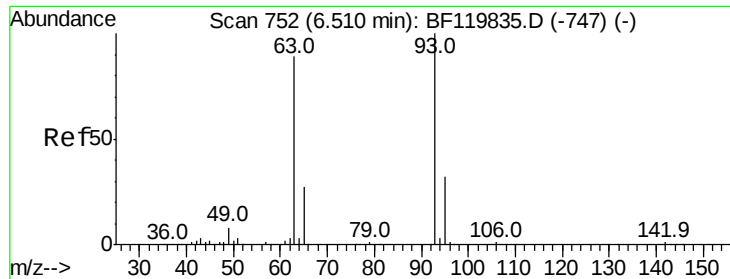
Delta R.T. 0.01 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.0	13.2	53.2
66	49.7	22.3	62.3





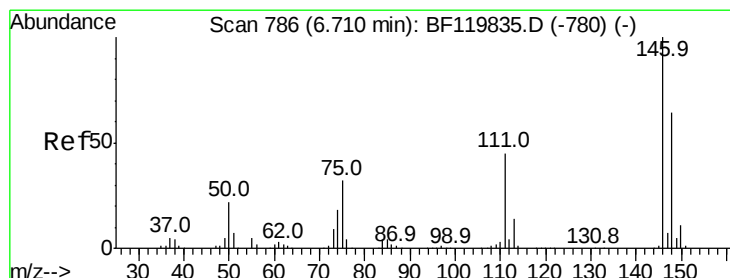
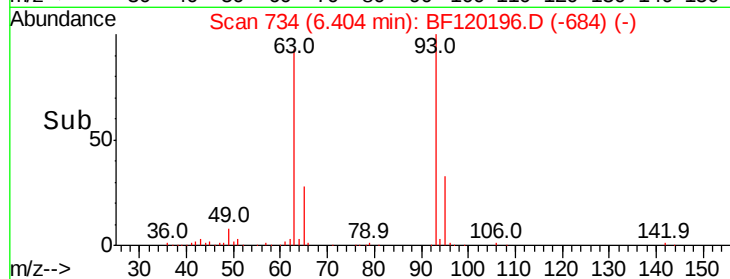
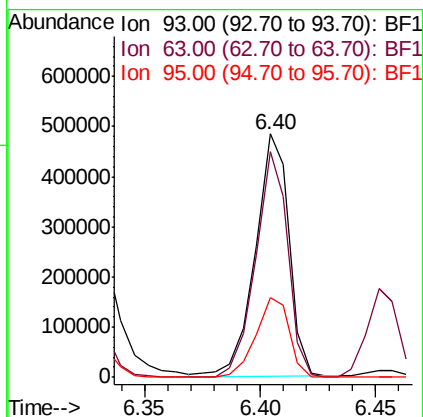
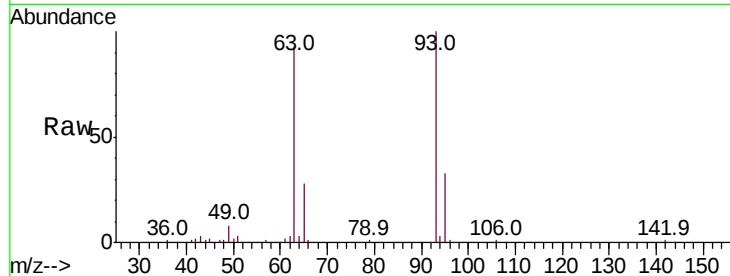
#11
bis(2-Chloroethyl)ether
Concen: 50.489 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.8	70.2	110.2
95	32.8	13.4	53.4

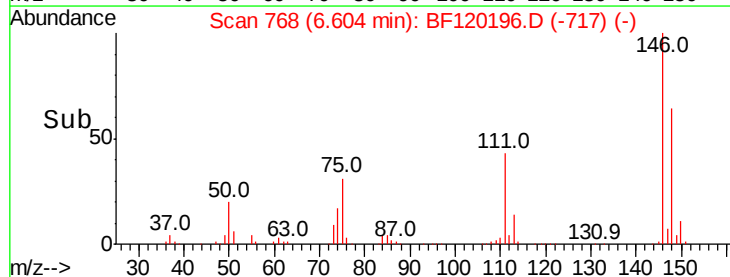
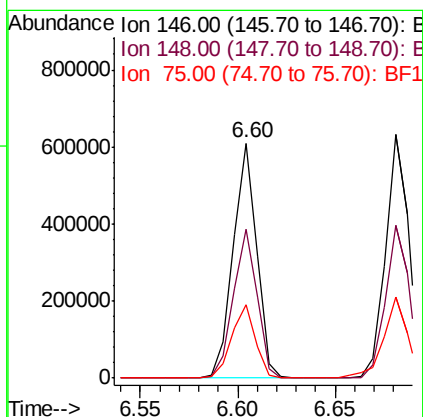
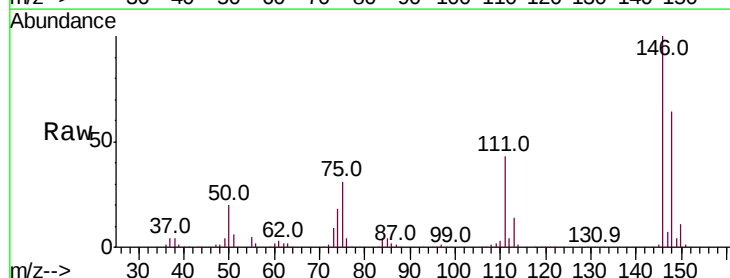
Manual Integrations
APPROVED

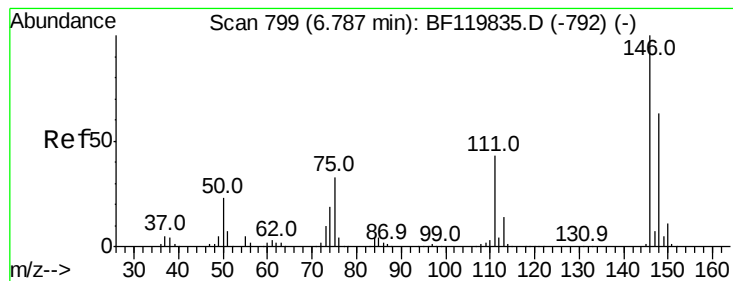
mohammad
4/27/2020 3:04:14 PM



#12
1,3-Dichlorobenzene
Concen: 48.217 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
75	31.1	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 48.266 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

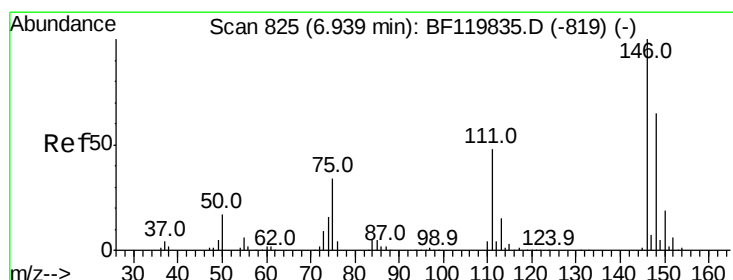
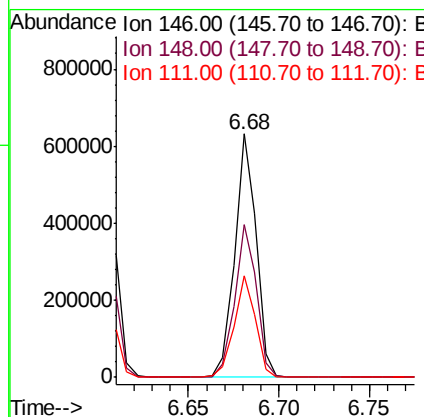
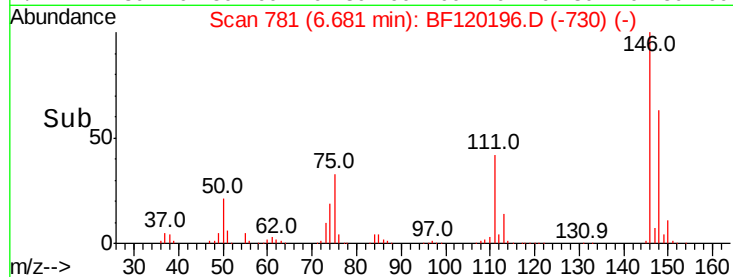
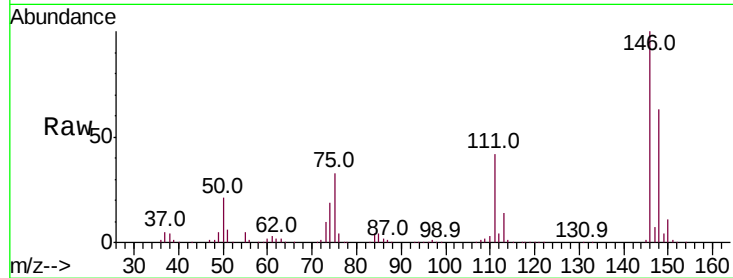
ClientSampleId :

ETGI-337MSD

Tot Ion:	146	Resp:	520520
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.5	77.3
111	41.9	33.3	49.9

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



#14

1,2-Dichlorobenzene

Concen: 48.025 ng

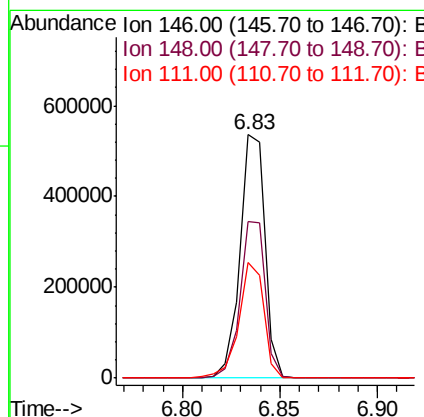
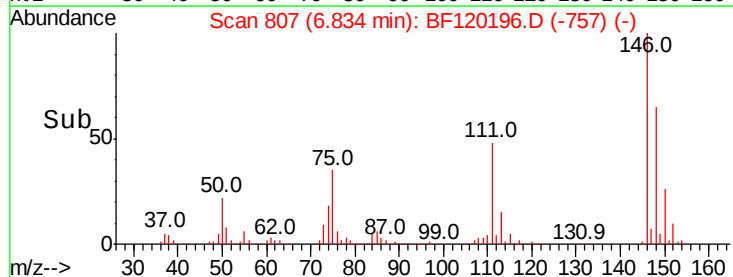
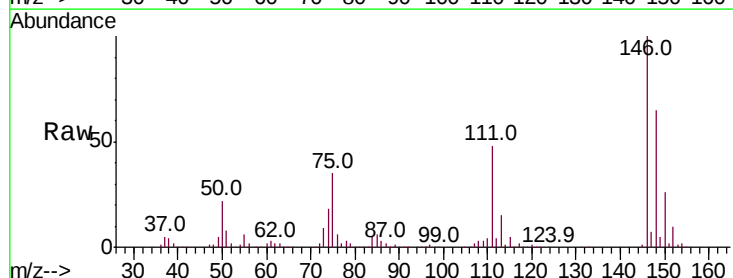
RT: 6.83 min Scan# 807

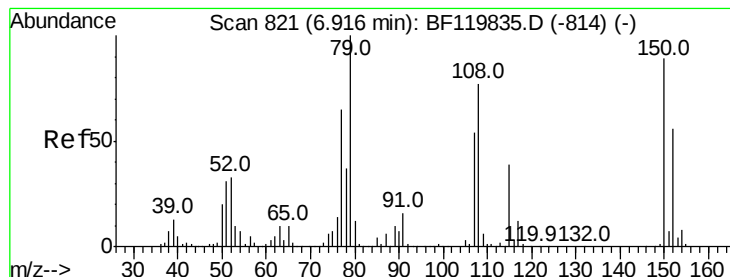
Delta R.T. -0.01 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Tgt Ion:	146	Resp:	477312
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
111	47.6	36.1	54.1





#15

Benzyl Alcohol

Concen: 47.248 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

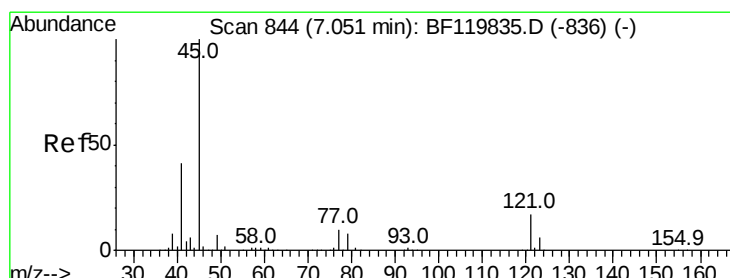
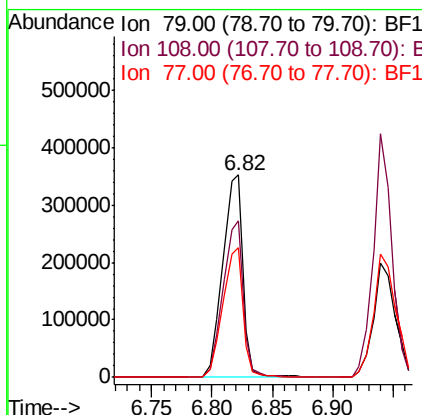
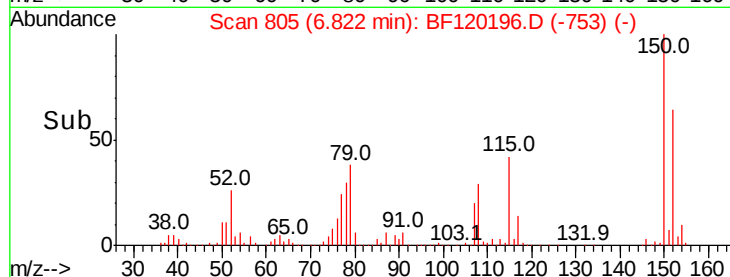
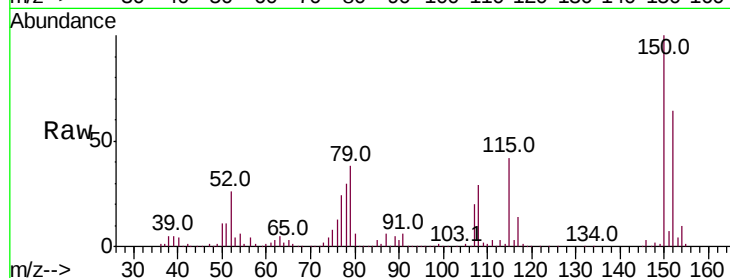
ClientSampled :

ETGI-337MSD

Tot Ion:	79	Resp:	409257
Ion Ratio	Lower	Upper	
79	100		
108	77.6	60.6	90.8
77	63.9	50.2	75.2

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.511 ng

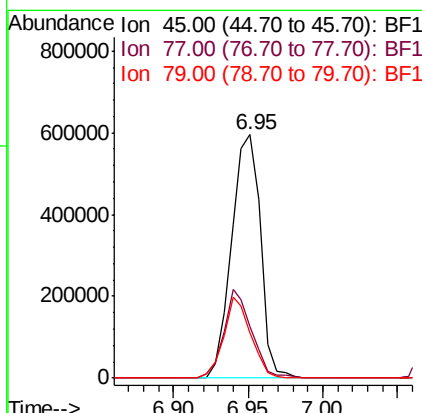
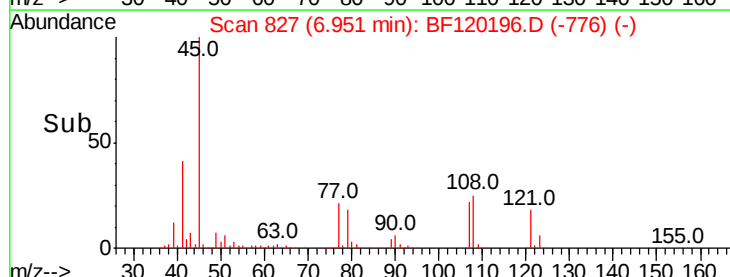
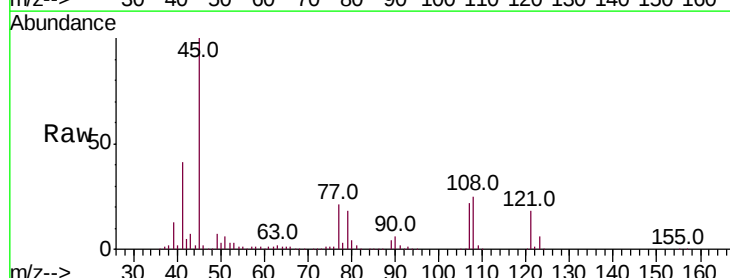
RT: 6.95 min Scan# 827

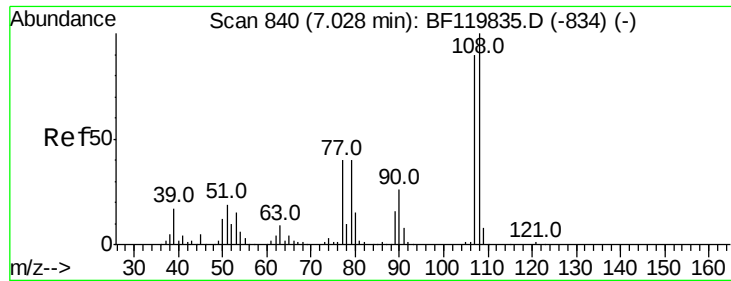
Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Tgt Ion:	45	Resp:	808120
Ion Ratio	Lower	Upper	
45	100		
77	21.0	0.0	30.7
79	18.4	0.0	28.2





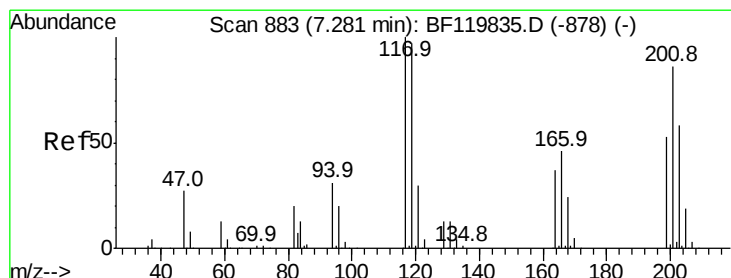
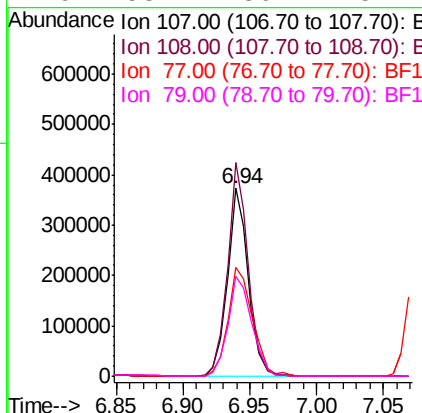
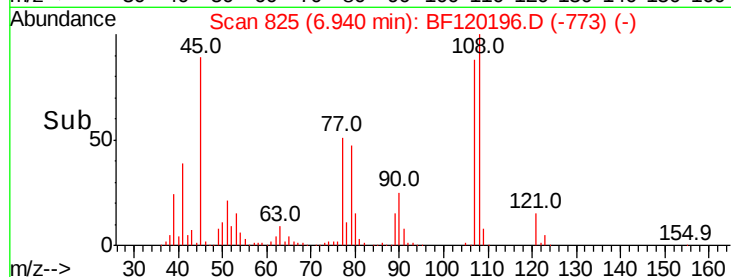
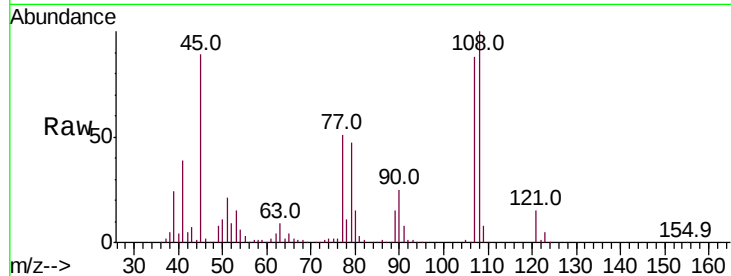
#17
2-Methylphenol
Concen: 47.595 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	92.2	138.4	
77	57.8	36.6	54.8#	
79	53.1	36.2	54.4	

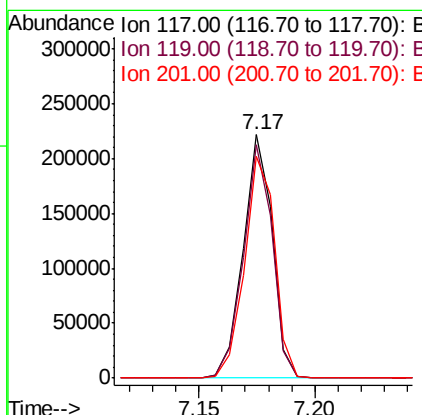
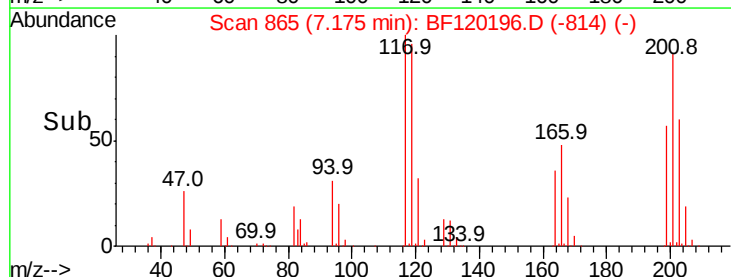
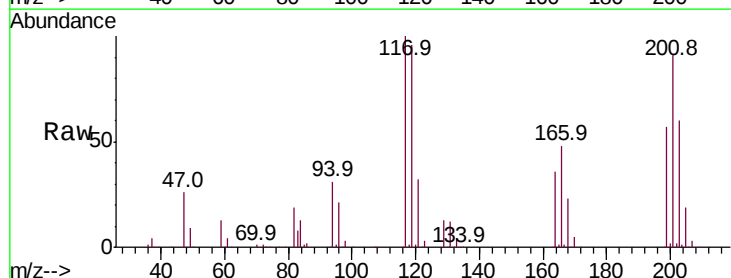
Manual Integrations
APPROVED

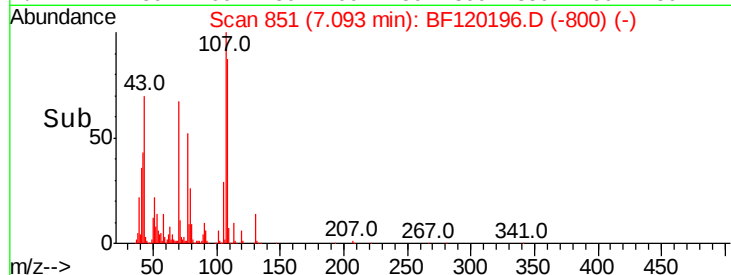
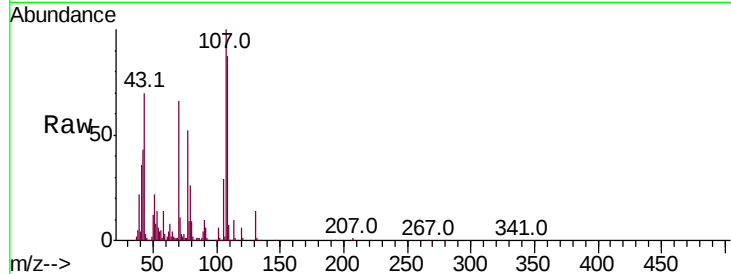
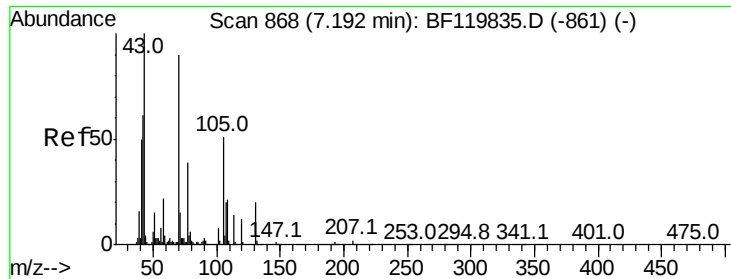
mohammad
4/27/2020 3:04:14 PM



#18
Hexachloroethane
Concen: 48.712 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	76.1	114.1	
201	91.4	73.0	109.6	





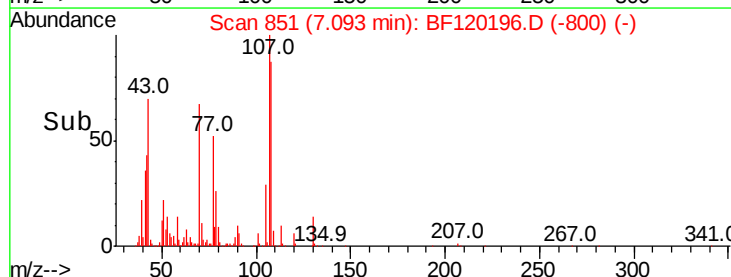
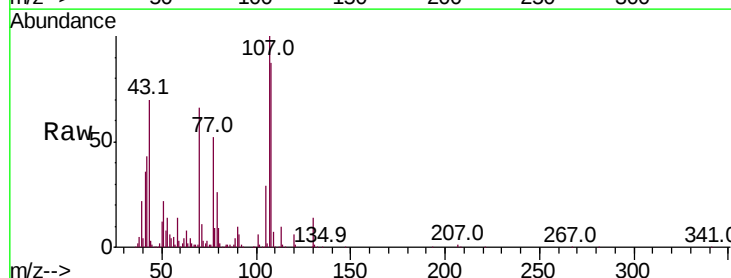
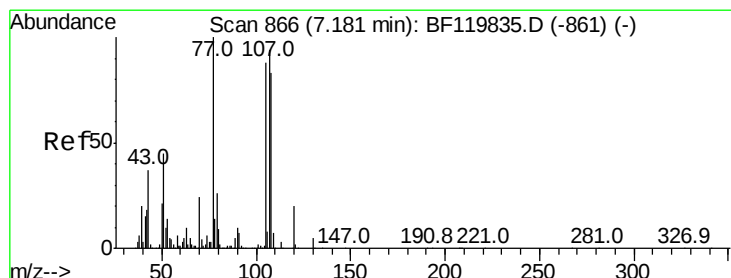
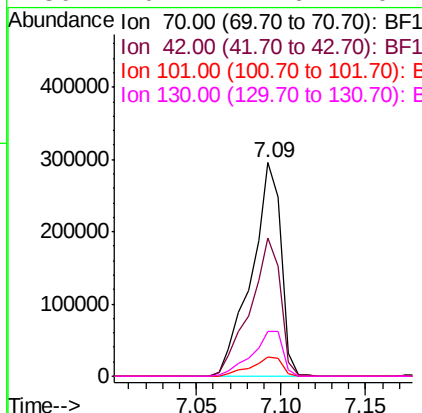
#19
n-Nitroso-di-n-propylamine
Concen: 50.153 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.7	54.5	81.7	
101	9.1	7.6	11.4	
130	20.7	17.6	26.4	

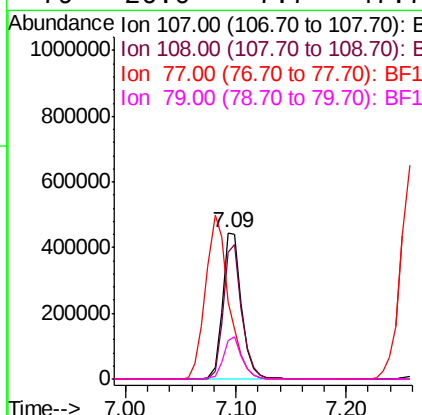
Manual Integrations
APPROVED

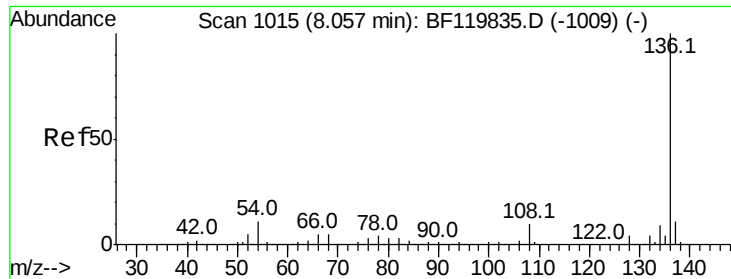
mohammad
4/27/2020 3:04:14 PM



#20
3+4-Methylphenols
Concen: 50.578 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	67.9	107.9	
77	52.3	52.9	92.9	
79	26.0	7.7	47.7	





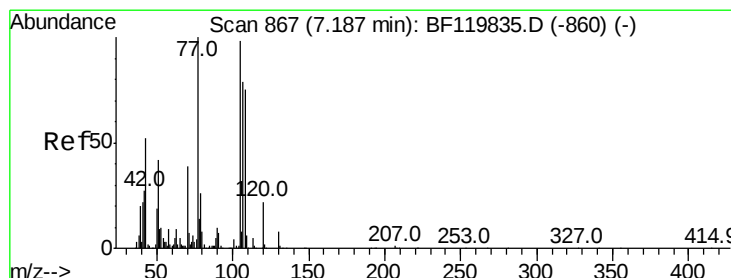
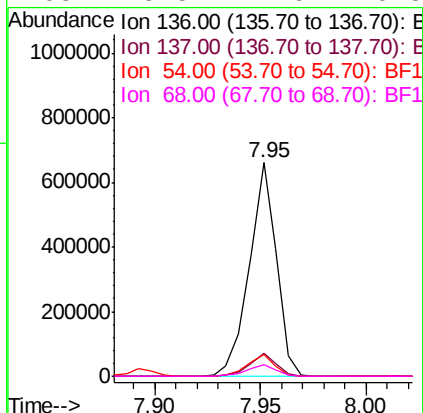
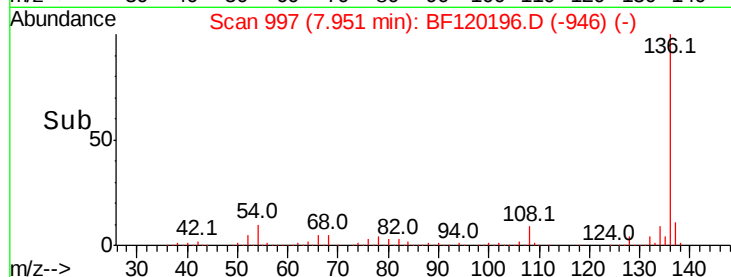
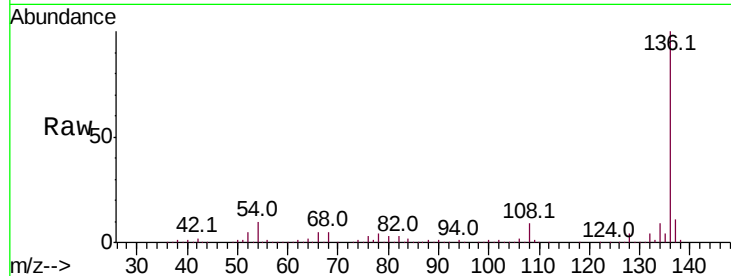
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.7	13.1	
54	10.0	9.1	13.7	
68	5.5	4.6	6.8	

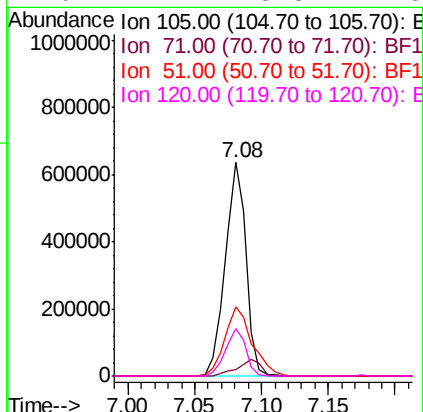
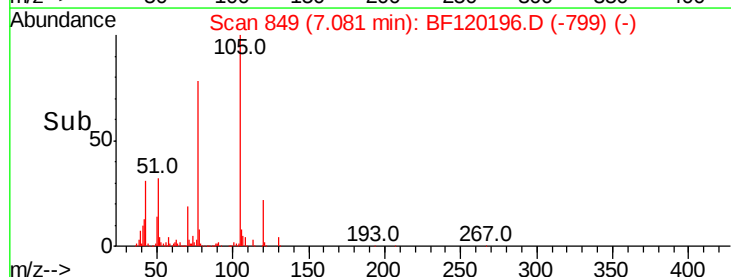
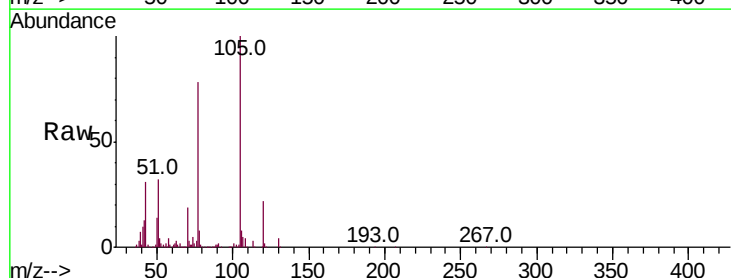
Manual Integrations
APPROVED

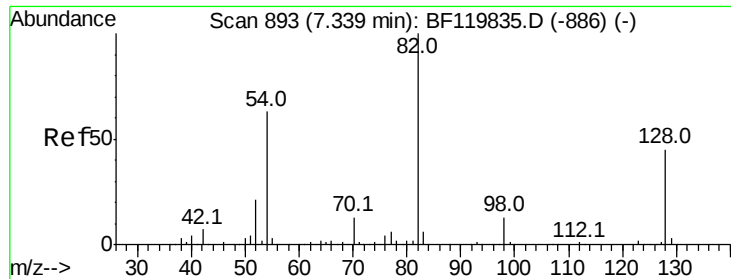
mohammad
4/27/2020 3:04:14 PM



#22
Acetophenone
Concen: 50.548 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	5.7	8.5#	
51	32.2	26.2	39.4	
120	22.1	18.3	27.5	





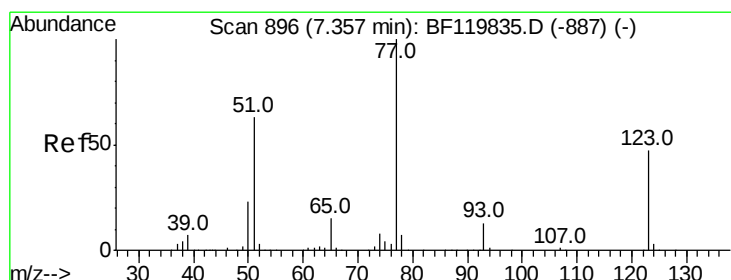
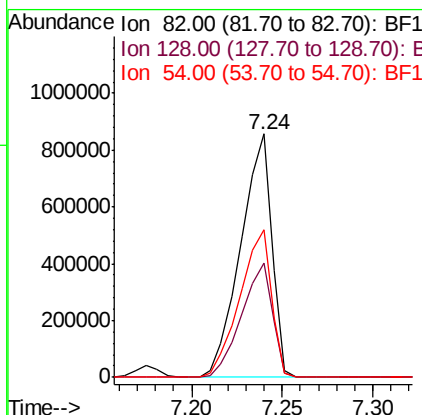
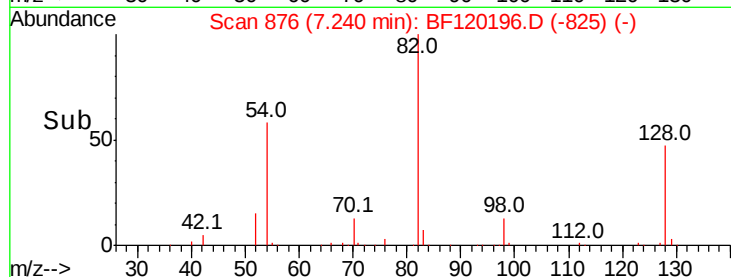
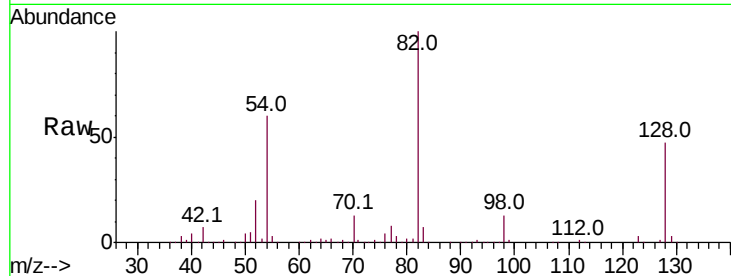
#23
 Nitrobenzene-d5
 Concen: 89.821 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

Tot Ion: 82 Resp: 1024073
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.3 54.5
 54 60.4 50.6 75.8

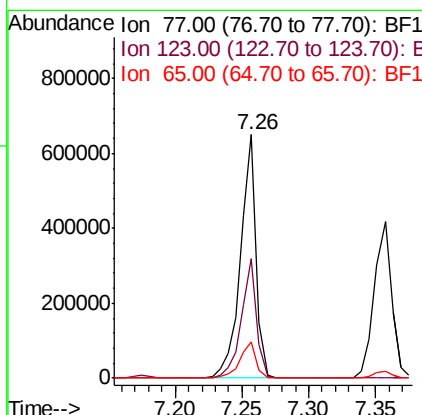
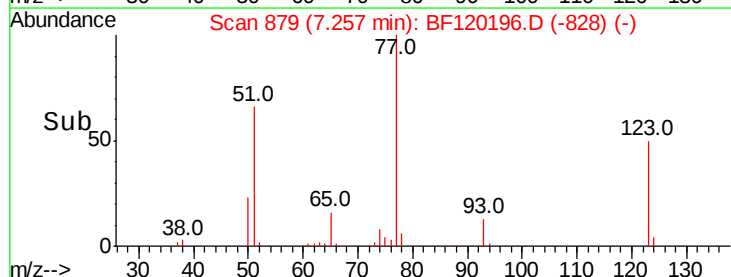
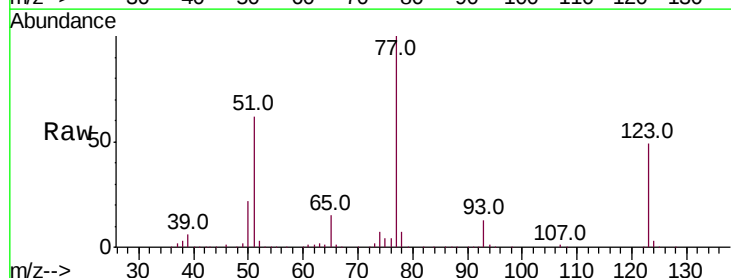
Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:14 PM



#24
 Nitrobenzene
 Concen: 46.173 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Tgt Ion: 77 Resp: 529569
 Ion Ratio Lower Upper
 77 100
 123 49.1 38.0 57.0
 65 15.0 12.6 18.8





#25

Isophorone

Concen: 45.013 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

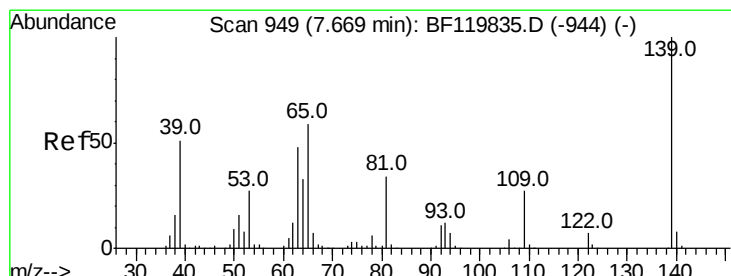
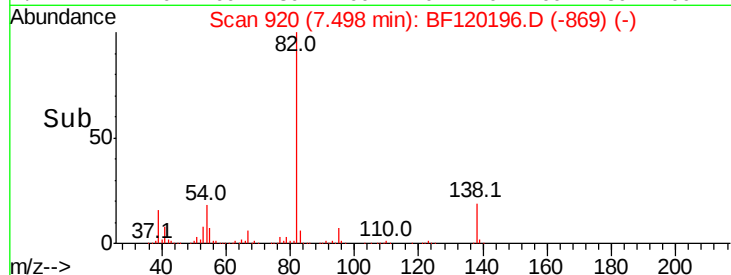
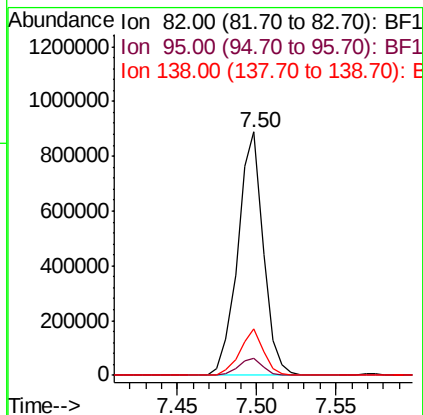
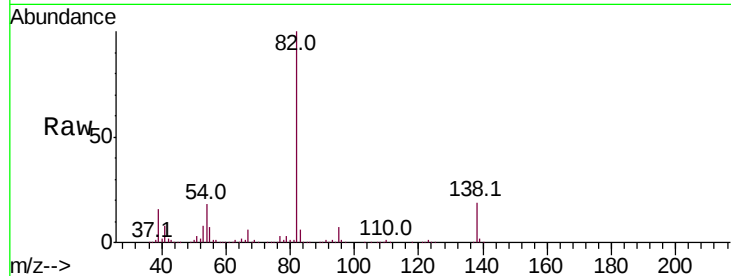
ClientSampleId :

ETGI-337MSD

Tot Ion:	82	Resp:	989317
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	18.9	14.6	21.8

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



#26

2-Nitrophenol

Concen: 49.789 ng

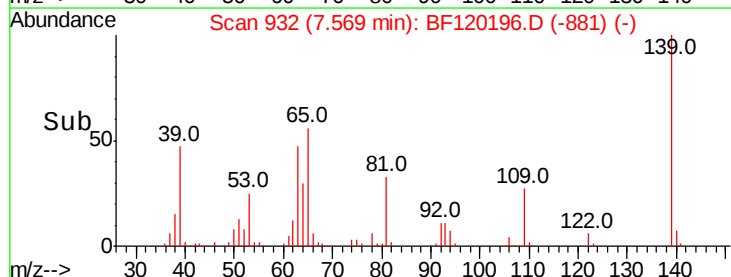
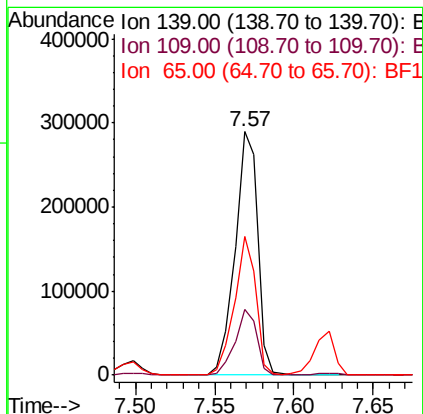
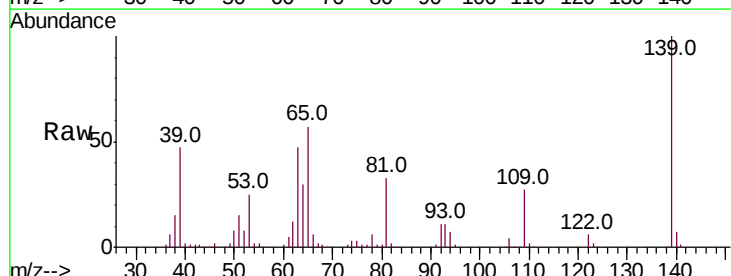
RT: 7.57 min Scan# 932

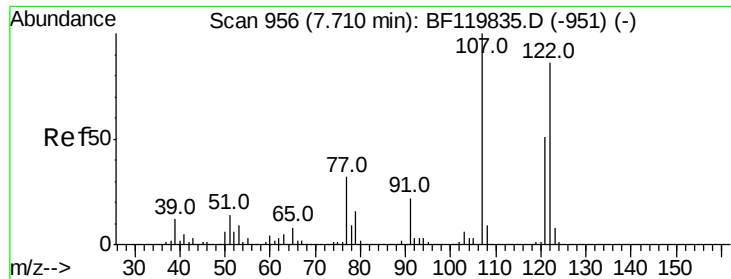
Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Tgt Ion:	139	Resp:	285295
Ion Ratio	Lower	Upper	
139	100		
109	27.0	22.1	33.1
65	56.7	49.2	73.8





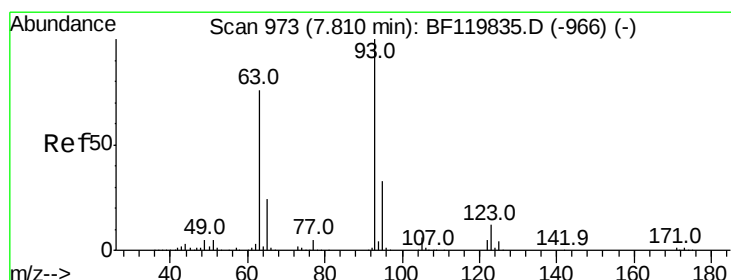
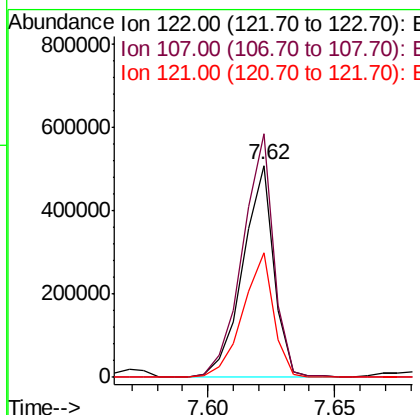
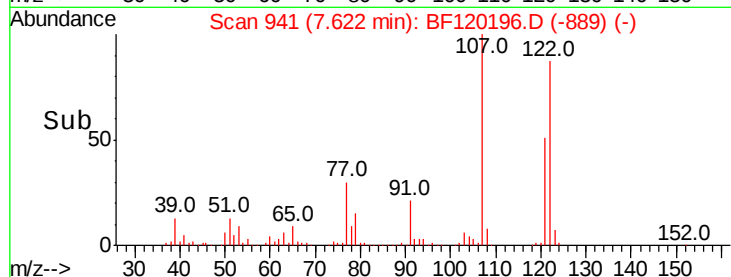
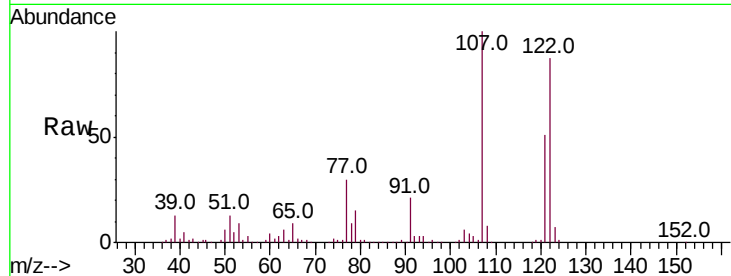
#27
2,4-Dimethylphenol
Concen: 50.300 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	89.0	133.6
121	58.5	46.7	70.1

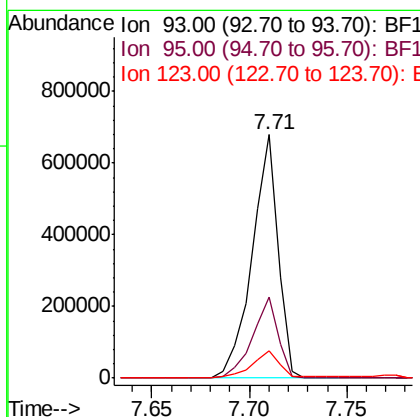
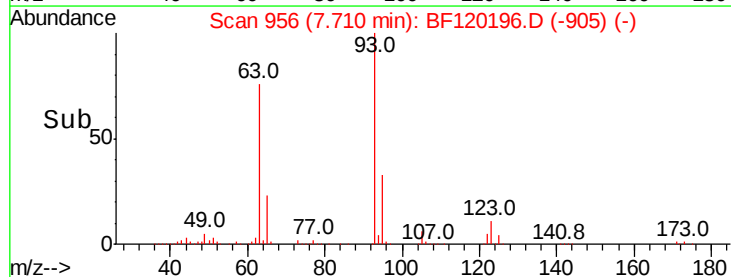
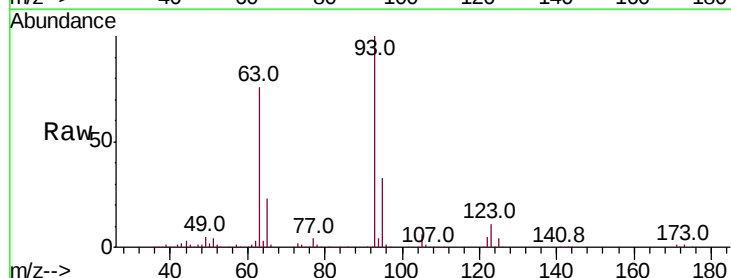
Manual Integrations
APPROVED

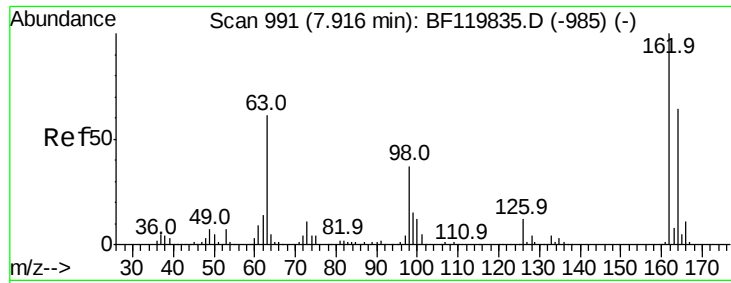
mohammad
4/27/2020 3:04:14 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.407 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	11.3	9.7	14.5





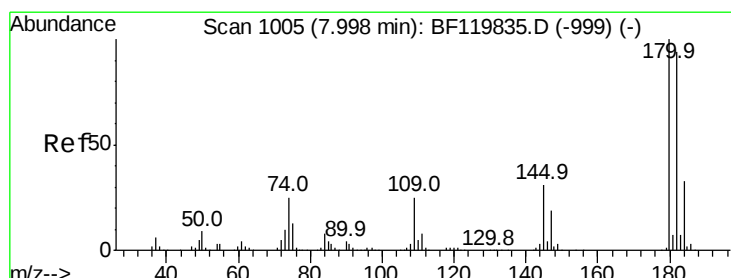
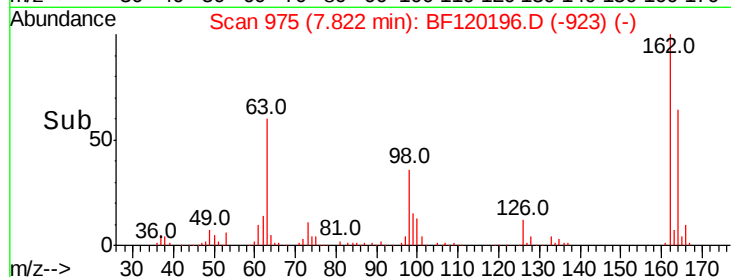
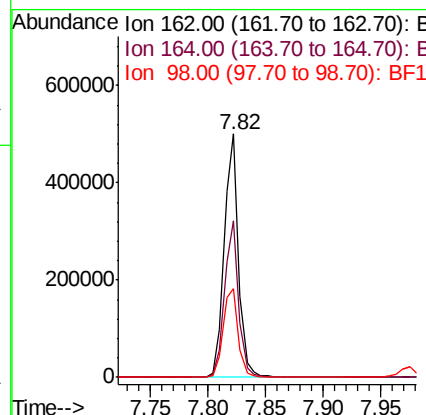
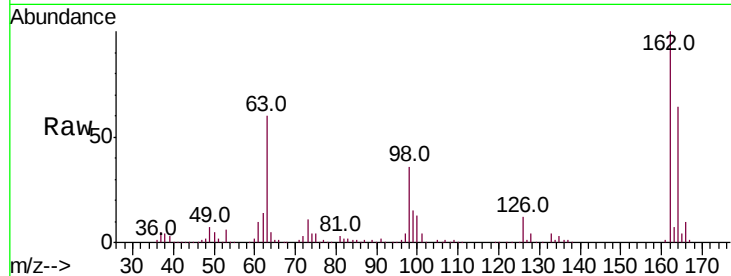
#29
2,4-Dichlorophenol
Concen: 48.309 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	427932		
164	64.2		44.7	84.7
98	36.3		20.7	60.7

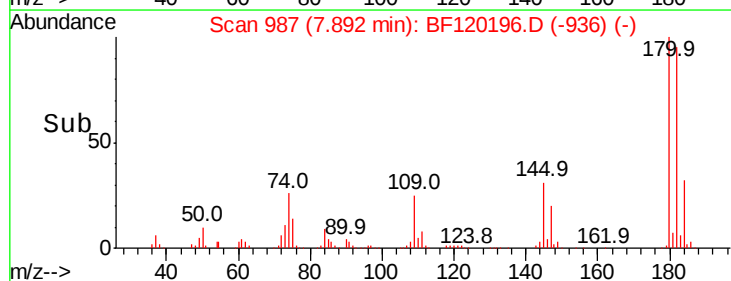
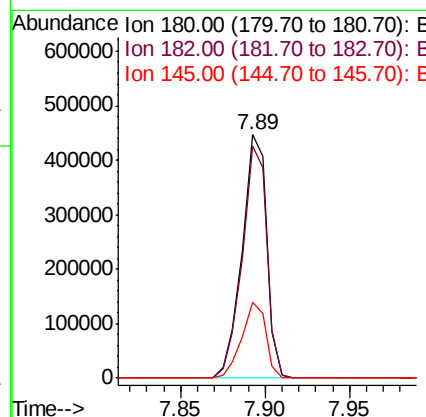
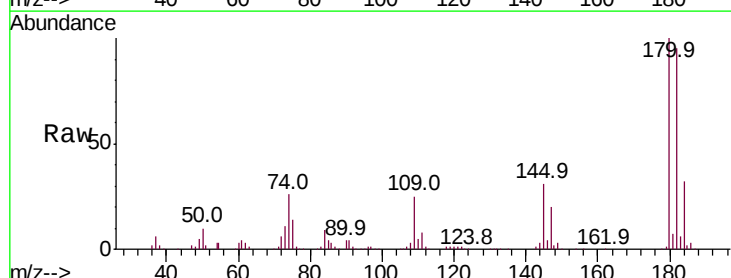
Manual Integrations
APPROVED

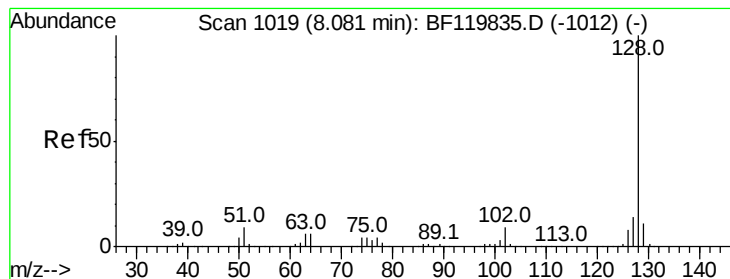
mohammad
4/27/2020 3:04:14 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.259 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	454271		
182	95.1		74.7	112.1
145	31.1		24.5	36.7





#31

Naphthalene

Concen: 47.022 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

Tot Ion:128 Resp: 1459213

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

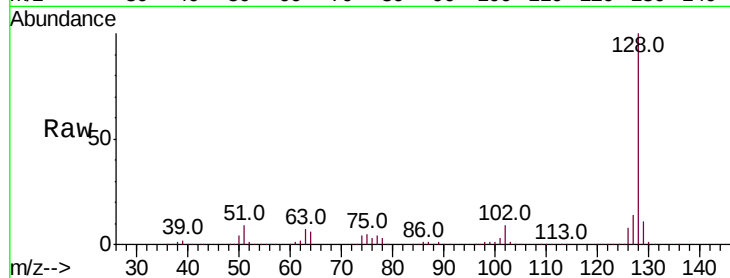
127 13.6 11.3 16.9

Manual Integrations

APPROVED

mohammad

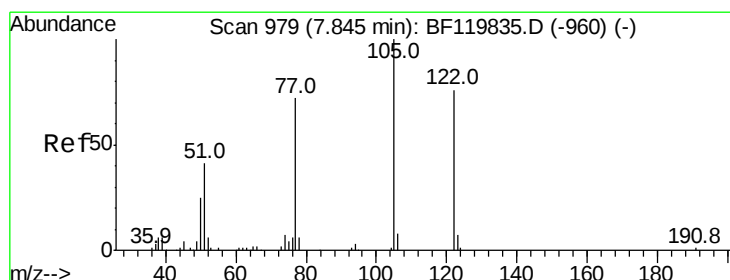
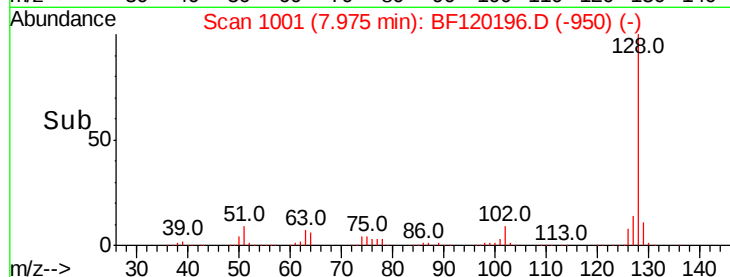
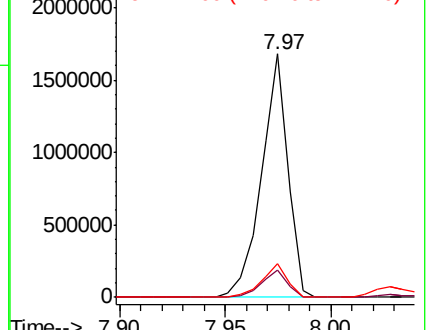
4/27/2020 3:04:14 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.623 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.02 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

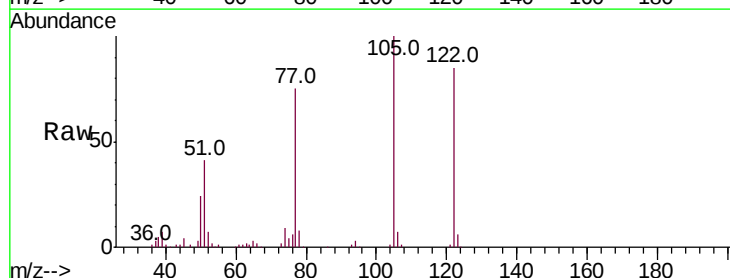
Tgt Ion:122 Resp: 331091

Ion Ratio Lower Upper

122 100

105 117.7 104.9 144.9

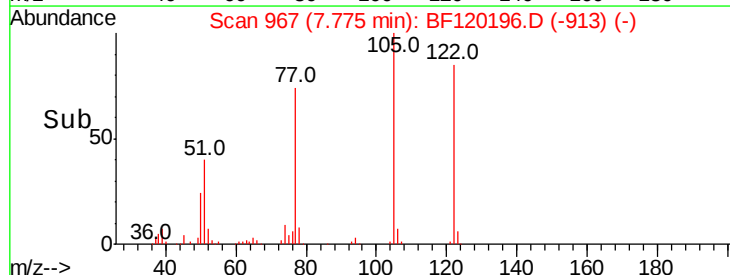
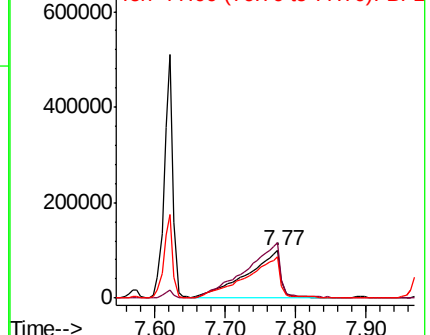
77 88.8 74.4 114.4

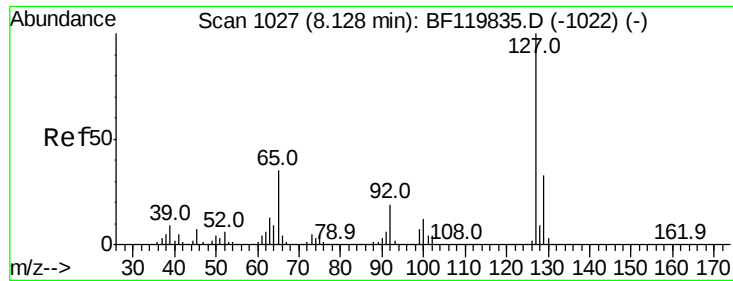


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





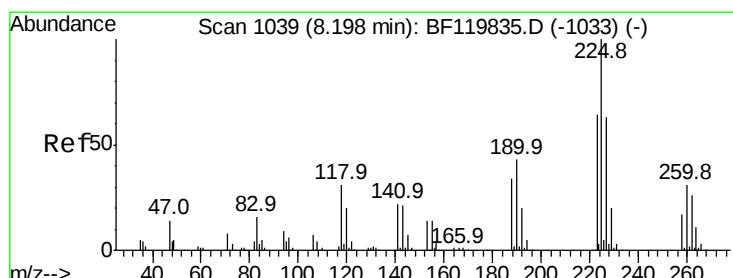
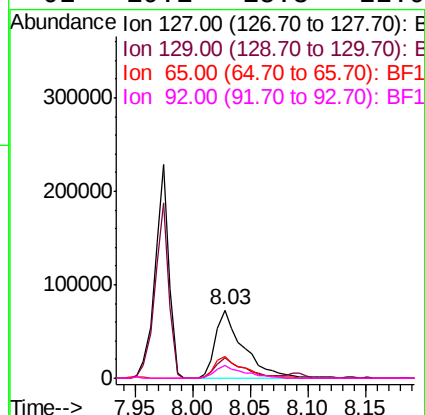
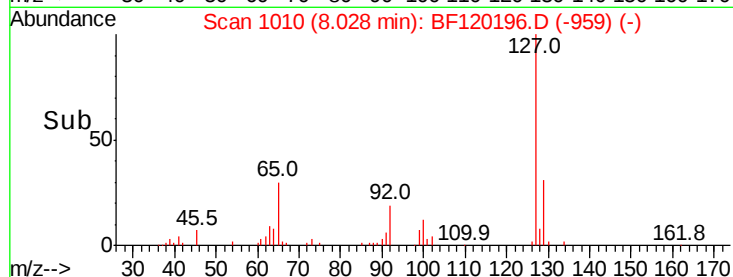
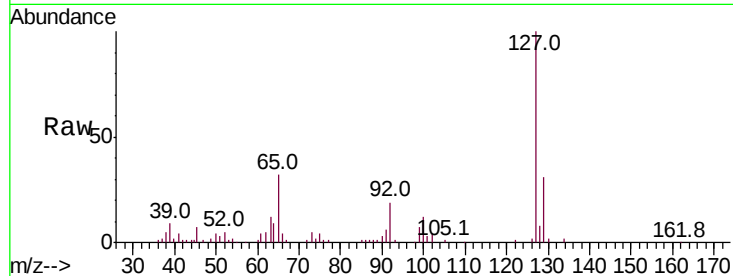
#33
4-Chloroaniline
Concen: 9.188 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7	26.2	39.4		
65	32.3	27.4	41.0		
92	19.1	15.3	22.9		

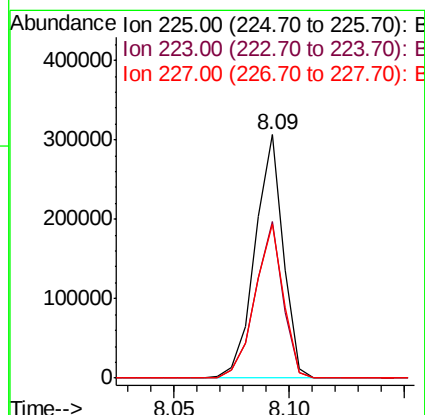
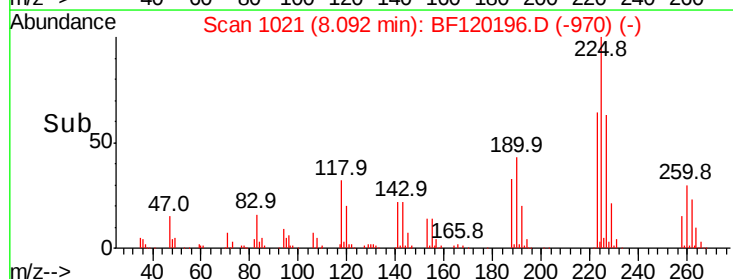
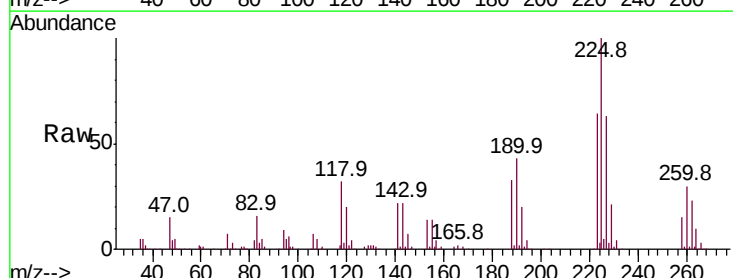
Manual Integrations
APPROVED

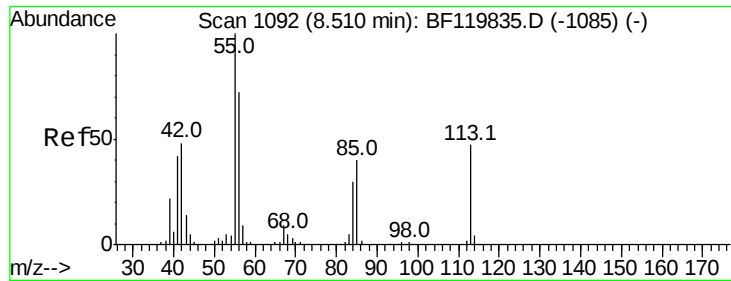
mohammad
4/27/2020 3:04:14 PM



#34
Hexachlorobutadiene
Concen: 43.446 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	51.0	76.6		
227	63.0	50.7	76.1		





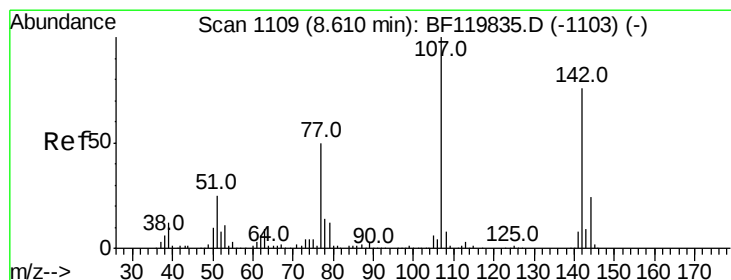
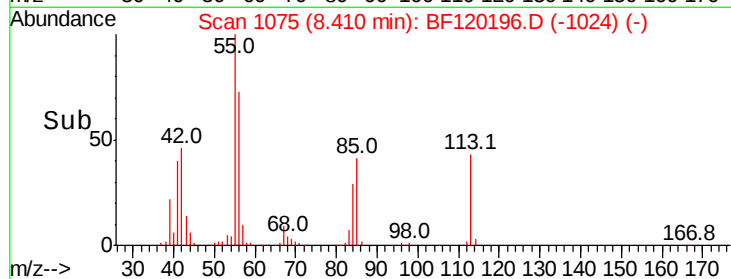
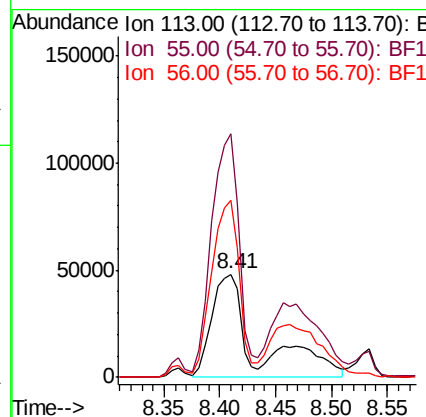
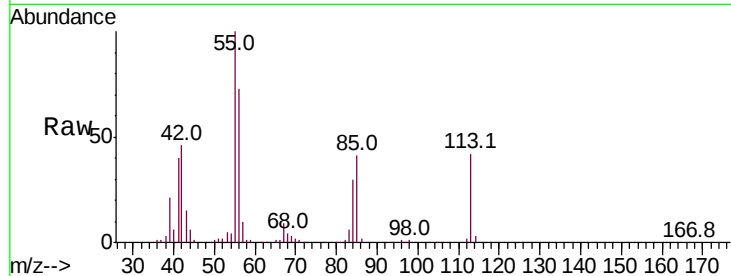
#35
Caprolactam
Concen: 49.343 ng/ml
RT: 8.41 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	235.9	218.4	258.4
56	171.4	148.9	188.9

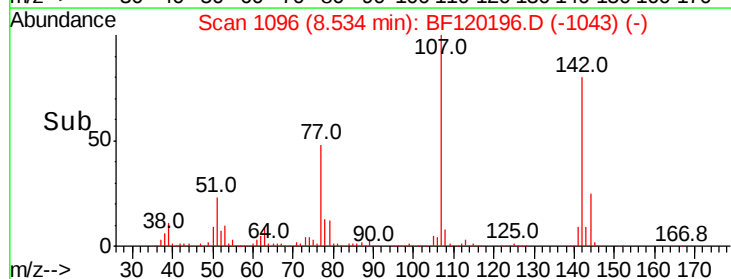
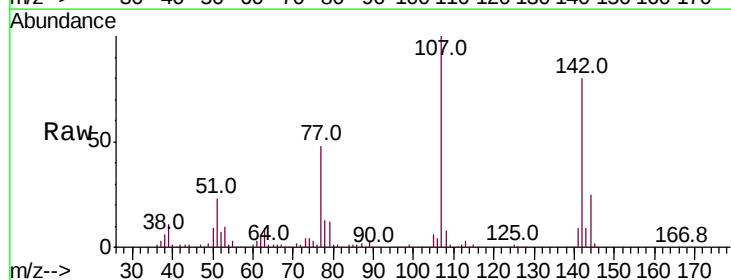
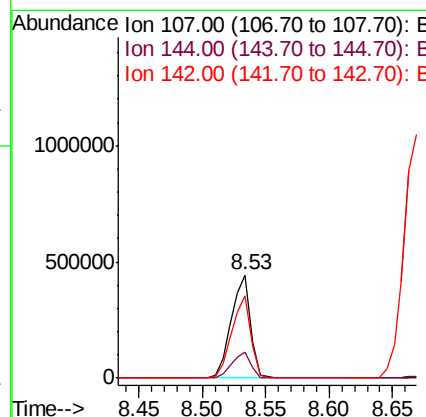
Manual Integrations
APPROVED

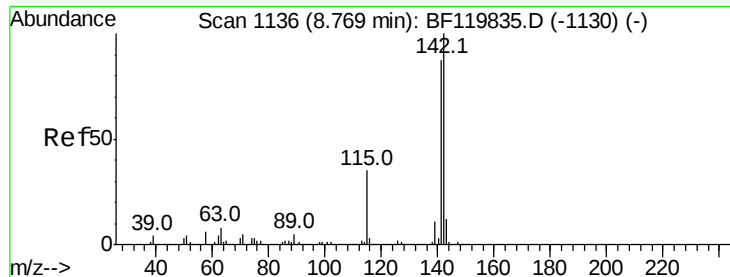
mohammad
4/27/2020 3:04:14 PM



#36
4-Chloro-3-methylphenol
Concen: 48.595 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	21.0	31.6
142	80.5	64.4	96.6





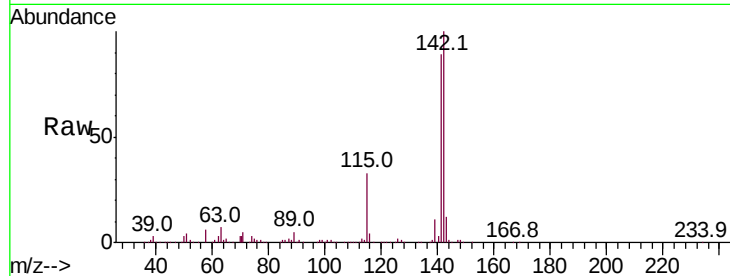
#37
2-Methylnaphthalene
Concen: 46.677 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampled :
ETGI-337MSD

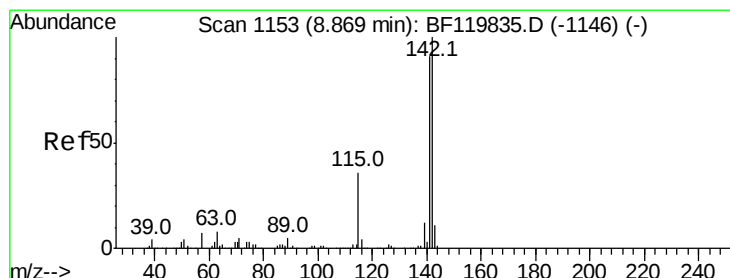
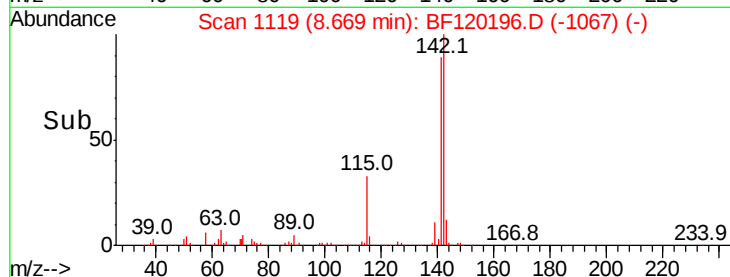
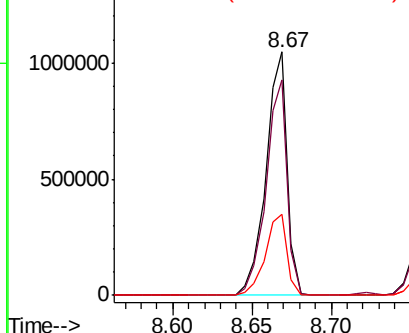
Tot Ion	Ratio	Resp	Lower	Upper
142	100	982045		
141	88.6		71.7	107.5
115	33.2		27.9	41.9

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM

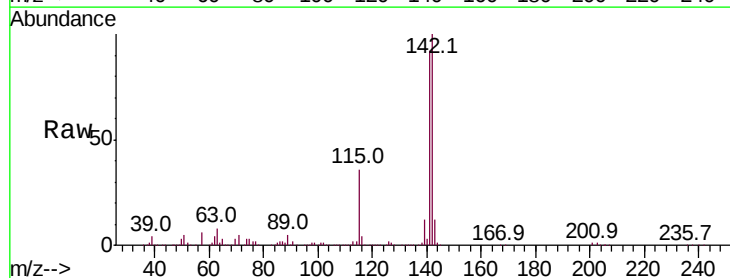


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

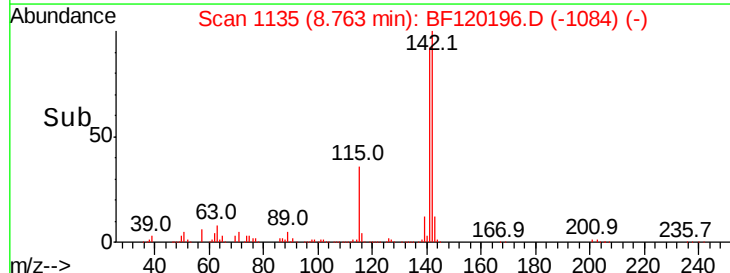
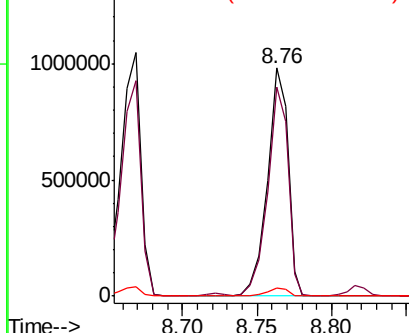


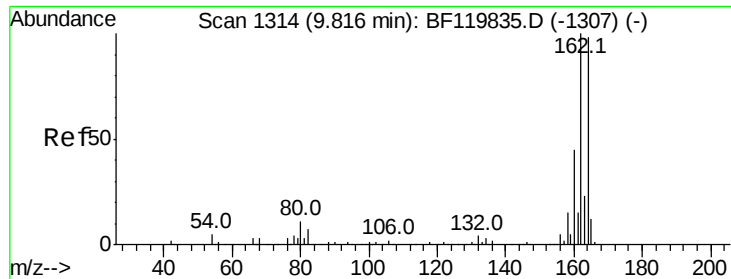
#38
1-Methylnaphthalene
Concen: 46.834 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	928742		
141	91.6		73.7	110.5
116	3.8		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





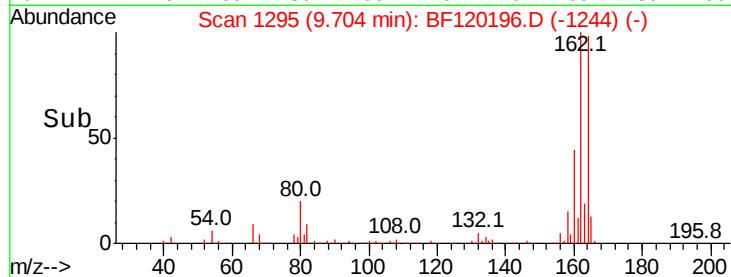
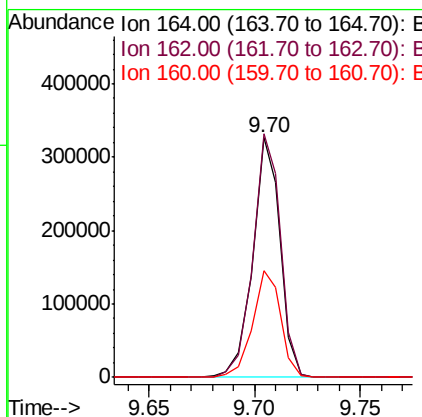
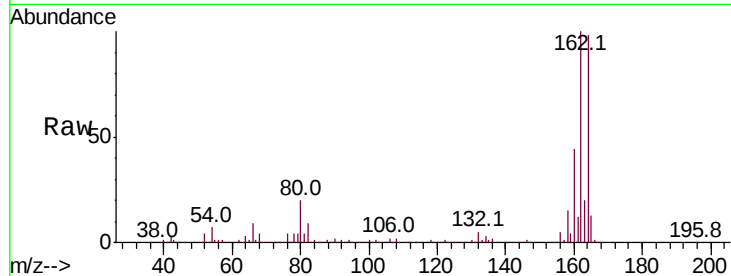
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	80.6	121.0	
160	44.6	35.7	53.5	

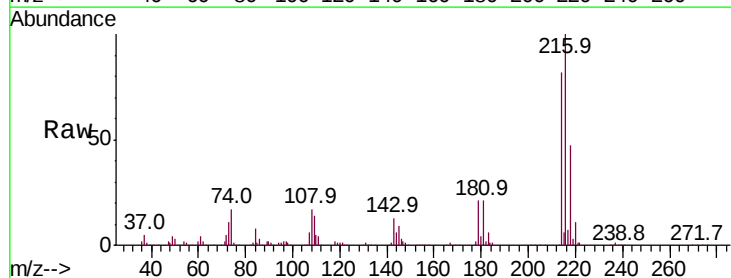
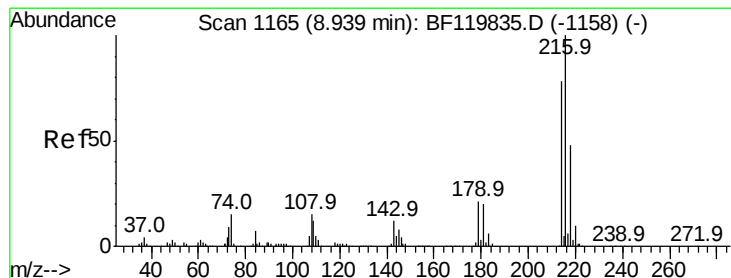
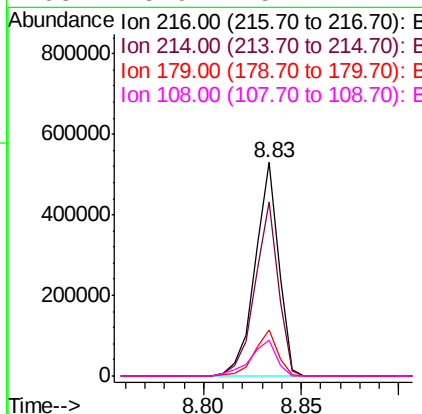
Manual Integrations
APPROVED

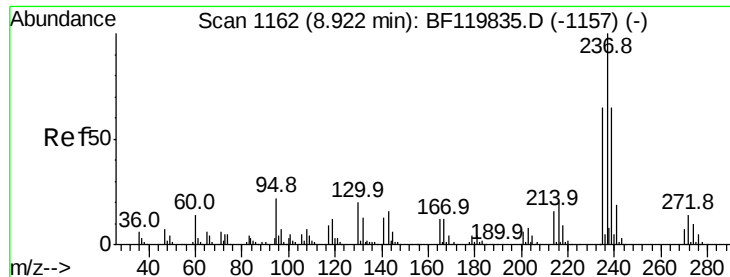
mohammad
4/27/2020 3:04:14 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.772 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.5	63.2	94.8	
179	20.8	17.1	25.7	
108	18.9	15.1	22.7	





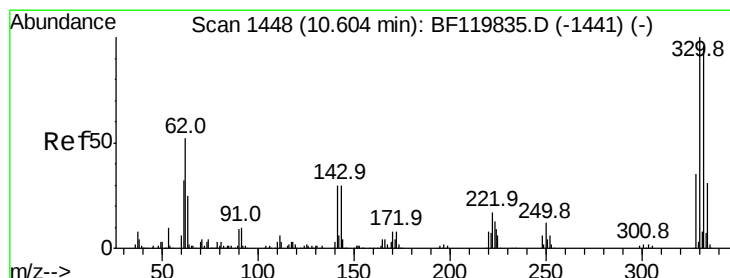
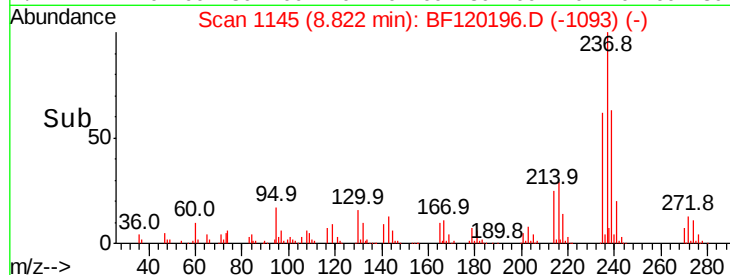
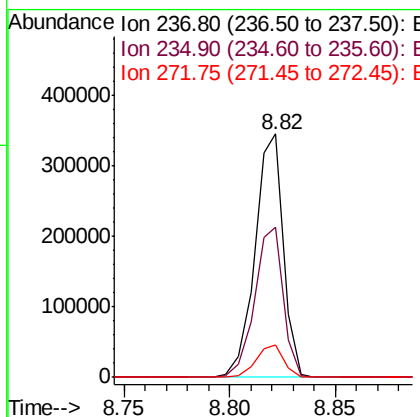
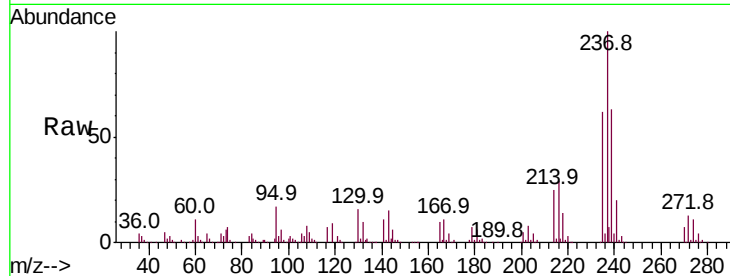
#41
Hexachlorocyclopentadiene
Concen: 61.442 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion:	237	Resp:	323102
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.2	83.2
272	13.1	0.0	34.1

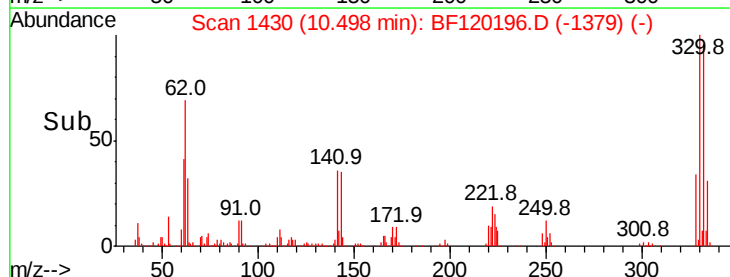
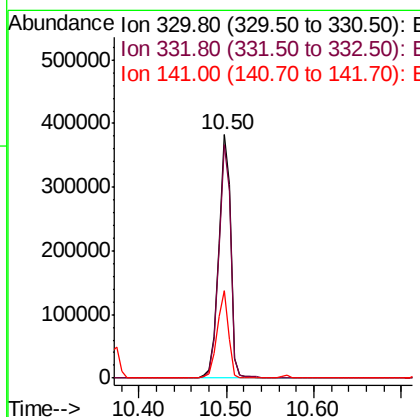
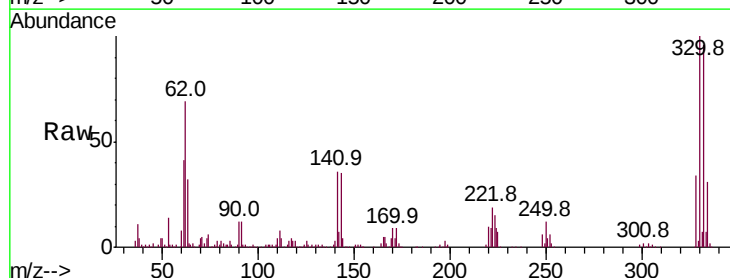
Manual Integrations
APPROVED

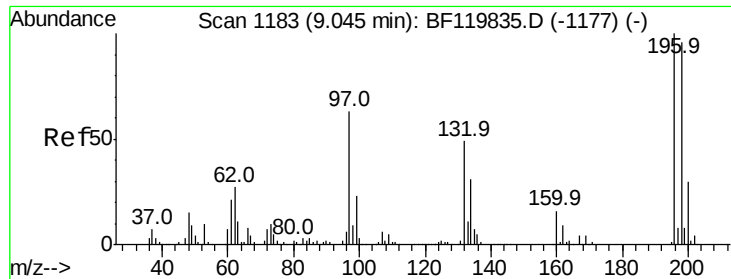
mohammad
4/27/2020 3:04:14 PM



#42
2,4,6-Tribromophenol
Concen: 101.830 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion:	330	Resp:	365043
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.7	113.5
141	34.4	25.4	38.0





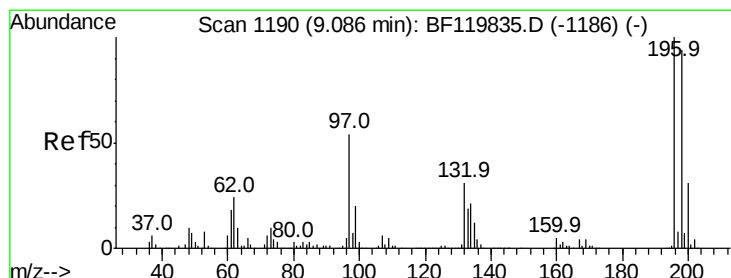
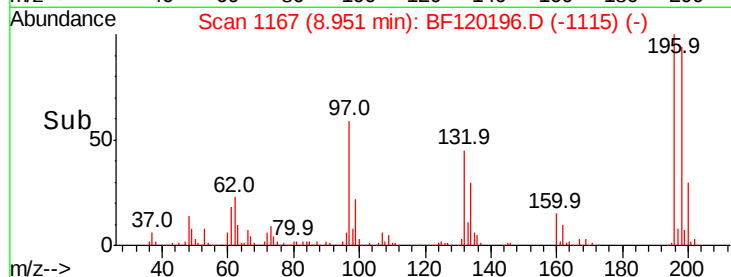
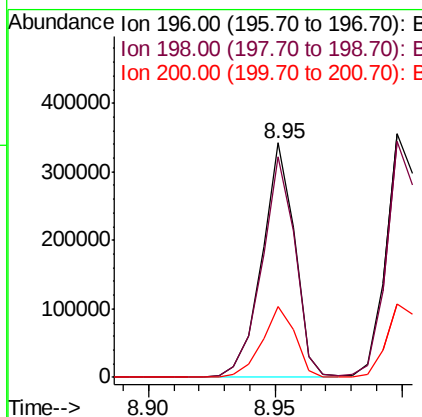
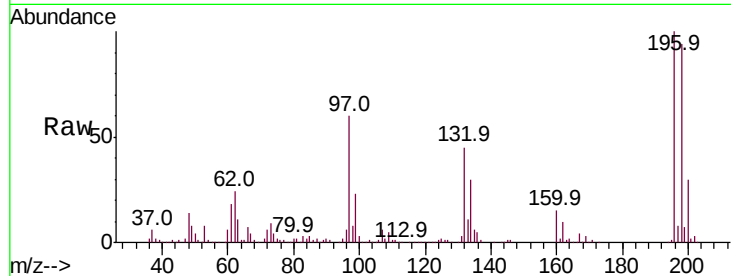
#43
 2,4,6-Trichlorophenol
 Concen: 48.003 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	306545		
198	94.5	76.6	115.0	
200	30.2	24.6	36.8	

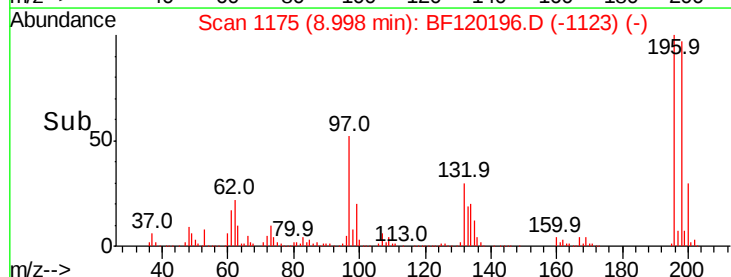
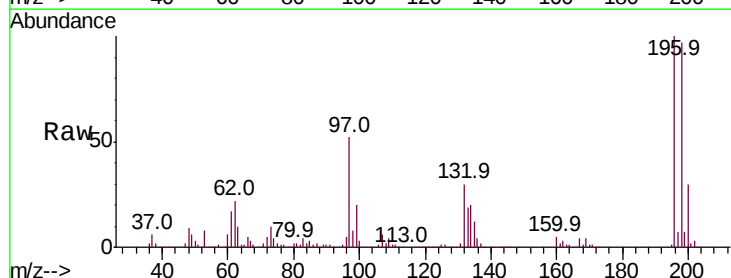
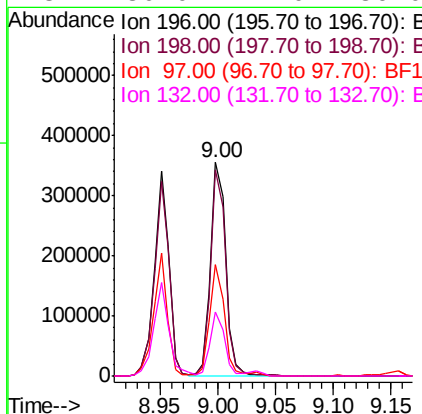
Manual Integrations
 APPROVED

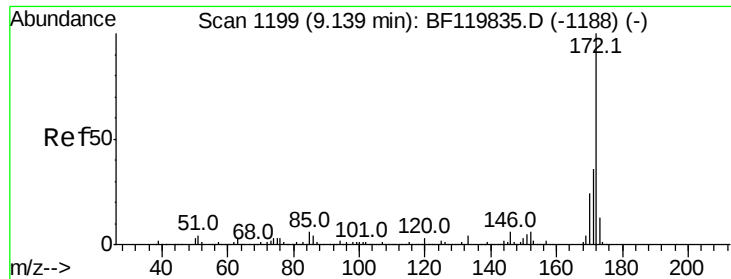
mohammad
 4/27/2020 3:04:14 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.436 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	326798		
198	96.7	73.8	110.8	
97	52.4	42.6	63.8	
132	30.0	24.0	36.0	





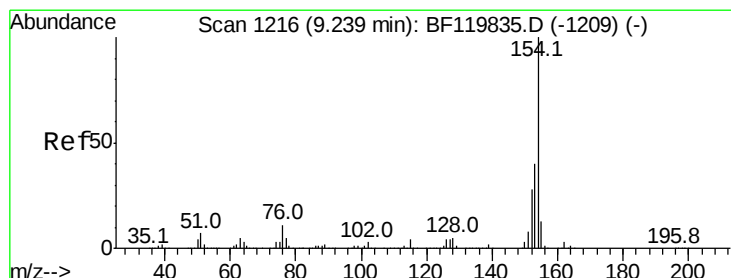
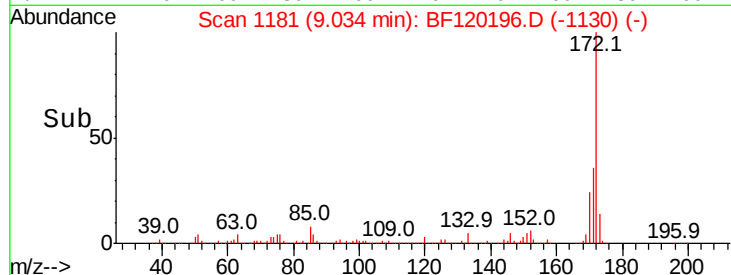
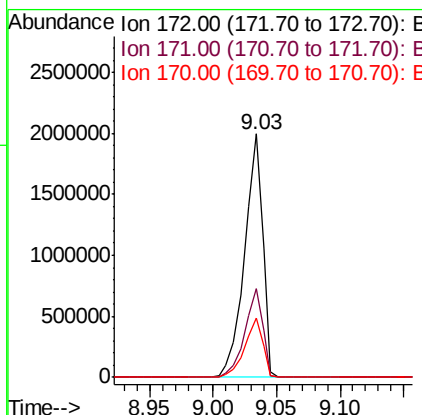
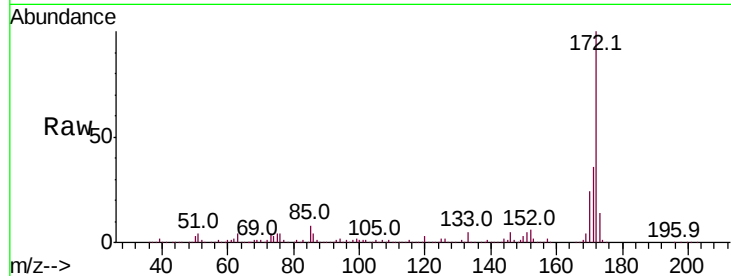
#45
2-Fluorobiphenyl
Concen: 95.250 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion:172 Resp: 1964305
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.4 20.2 30.2

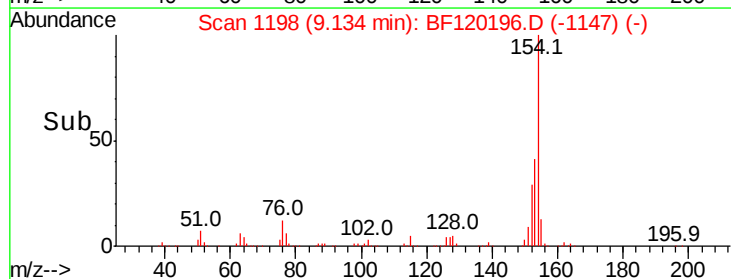
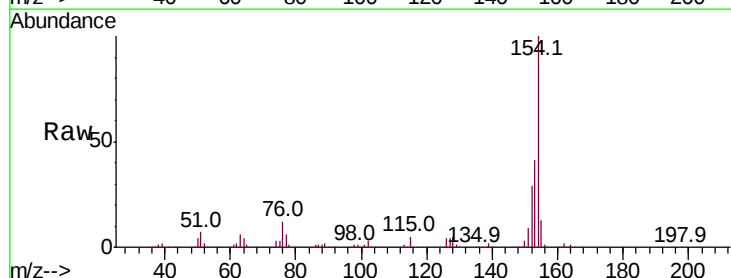
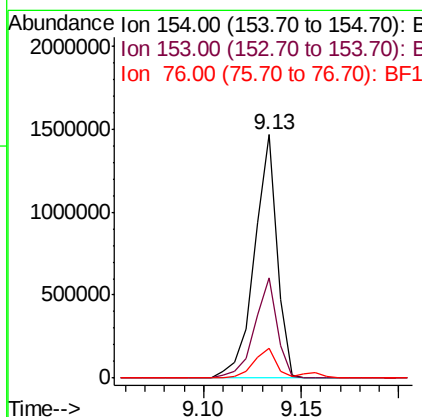
Manual Integrations
APPROVED

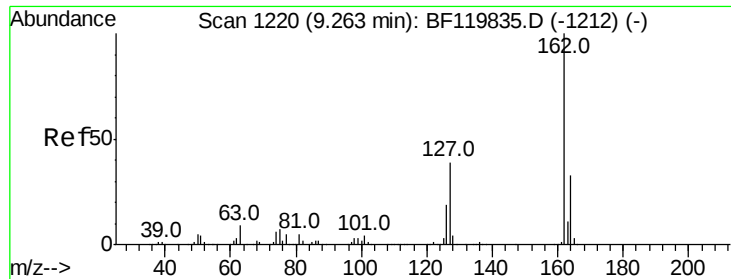
mohammad
4/27/2020 3:04:14 PM



#46
1,1'-Biphenyl
Concen: 47.549 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion:154 Resp: 1175105
Ion Ratio Lower Upper
154 100
153 41.0 21.4 61.4
76 12.5 0.0 33.0





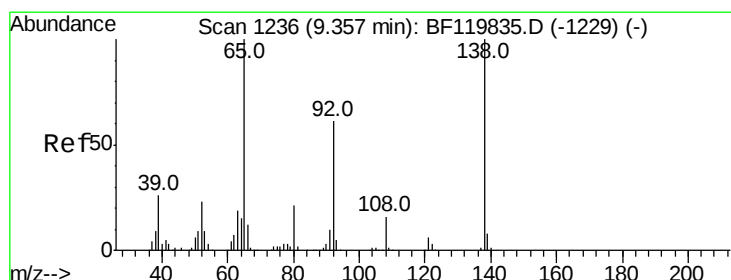
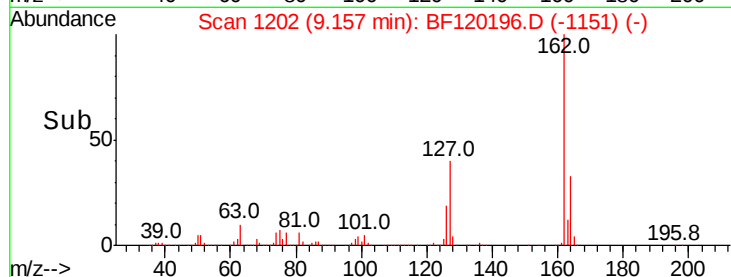
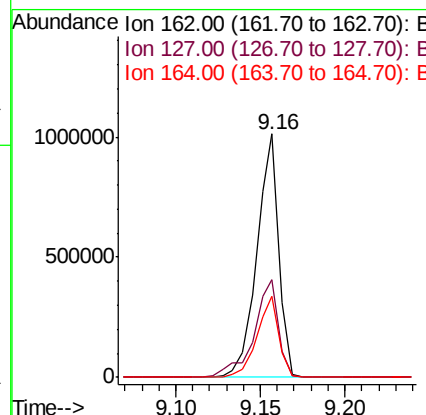
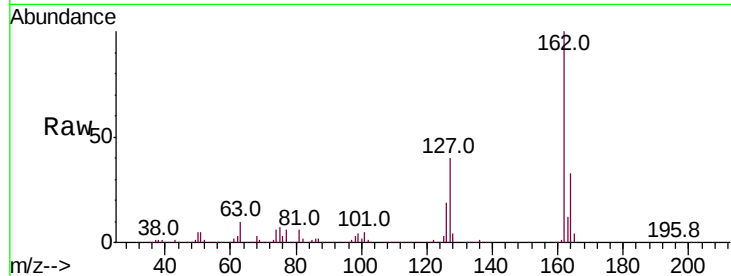
#47
2-Chloronaphthalene
Concen: 48.041 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	914615		
127	40.3		33.7	50.5
164	33.0		26.3	39.5

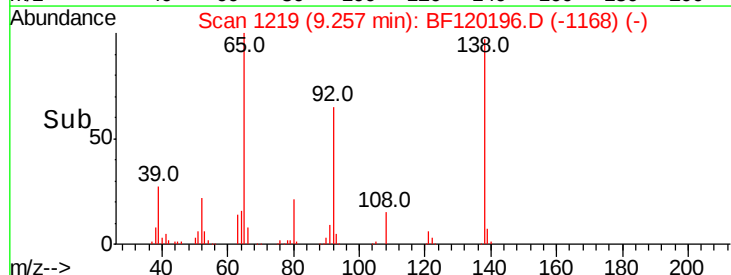
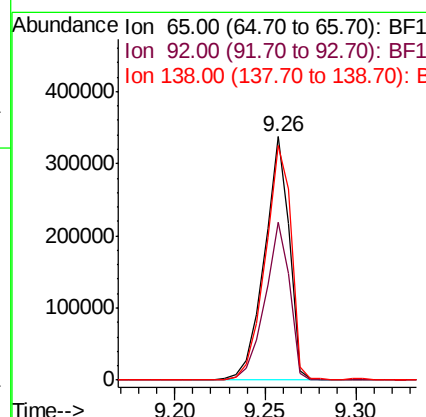
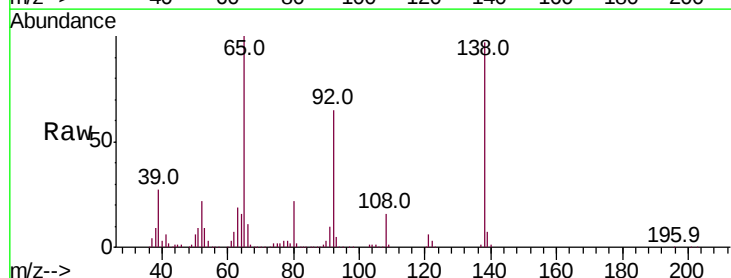
Manual Integrations
APPROVED

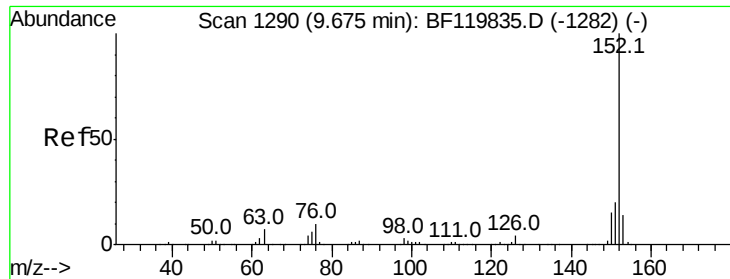
mohammad
4/27/2020 3:04:14 PM



#48
2-Nitroaniline
Concen: 46.589 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	321427		
92	64.9		50.0	75.0
138	96.6		75.0	112.4





#49

Acenaphthylene

Concen: 48.590 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

Tot Ion:152 Resp: 1406843

Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

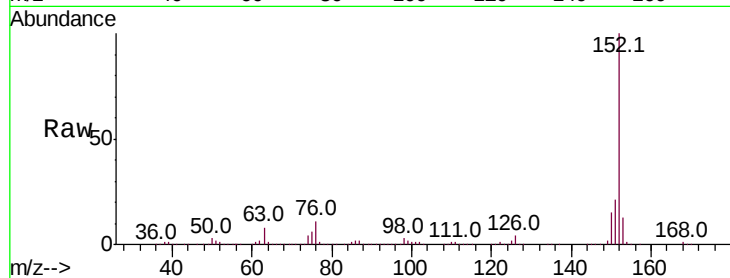
153 13.4 11.2 16.8

Manual Integrations

APPROVED

mohammad

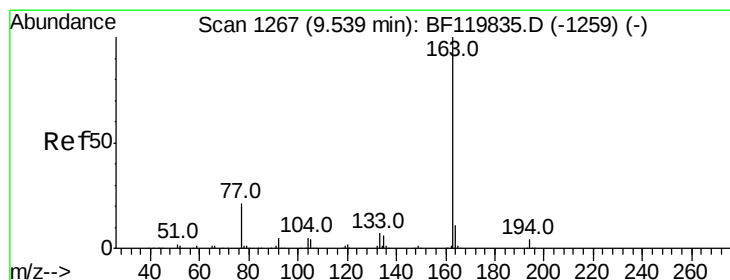
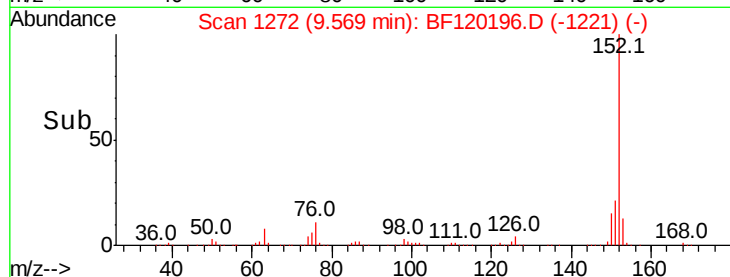
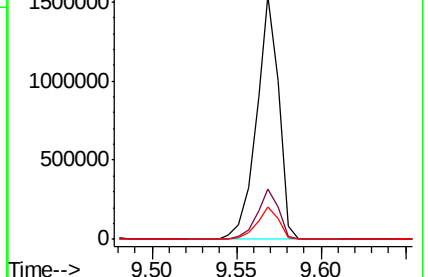
4/27/2020 3:04:14 PM



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: 56.144 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

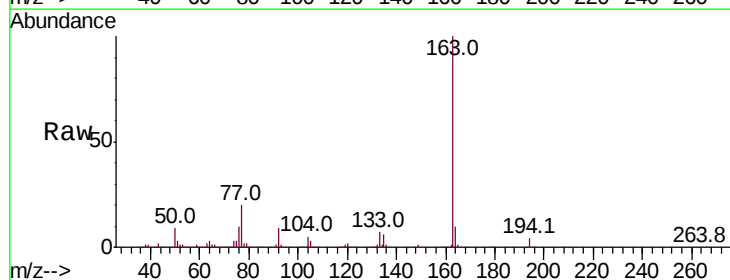
Tgt Ion:163 Resp: 1271525

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

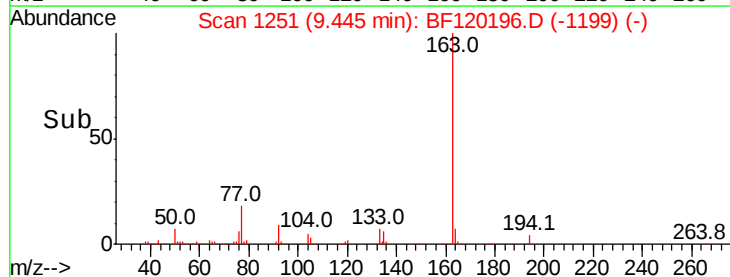
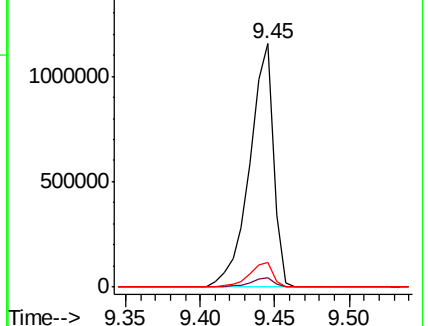
164 9.9 8.2 12.2

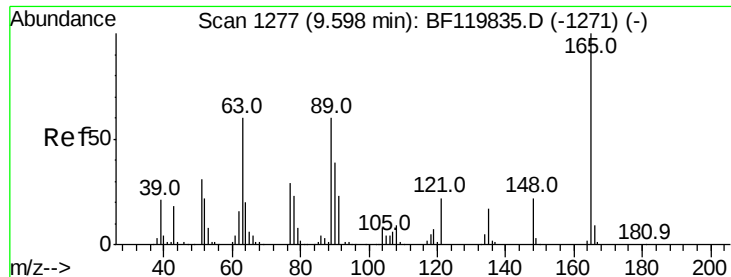


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





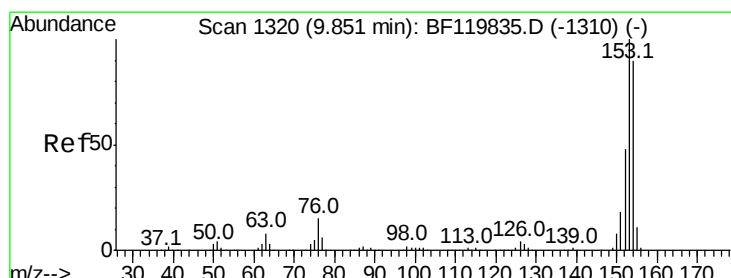
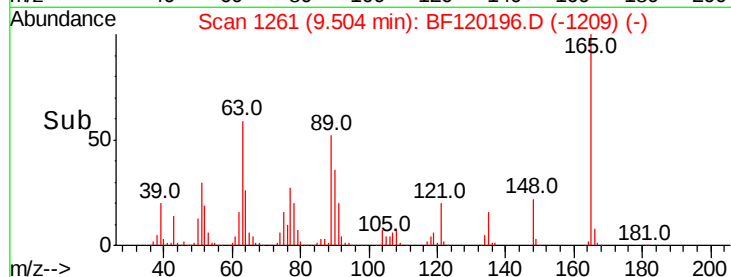
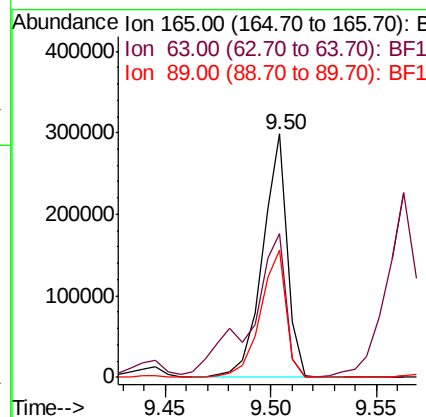
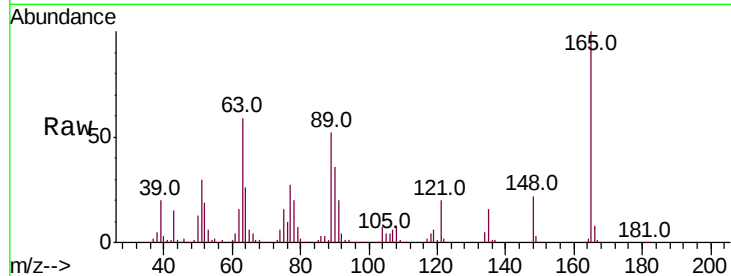
#51
 2,6-Dinitrotoluene
 Concen: 48.998 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	243003		
63	58.9	45.0	67.4	
89	52.0	41.5	62.3	

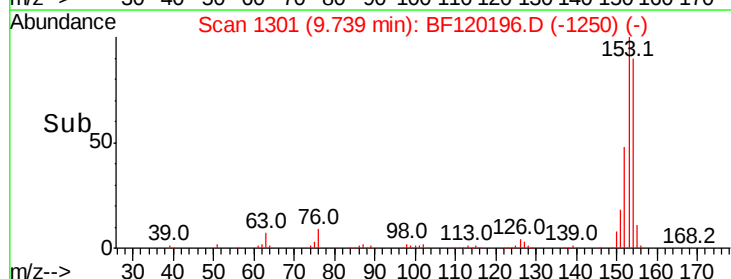
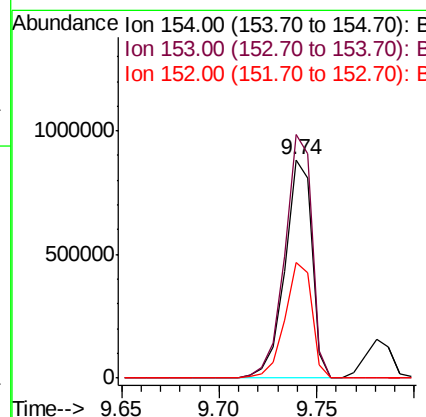
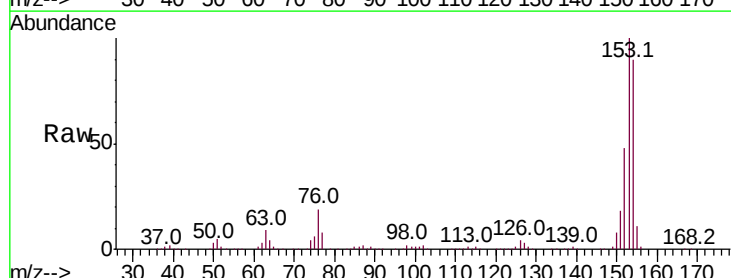
Manual Integrations
 APPROVED

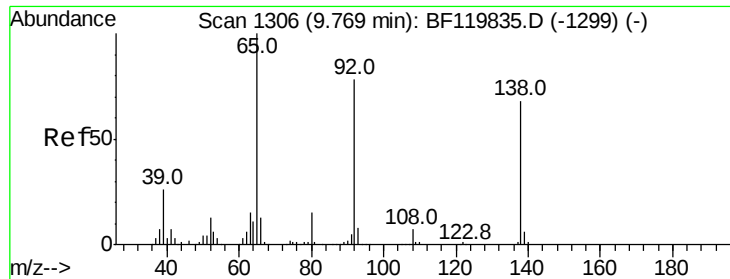
mohammad
 4/27/2020 3:04:14 PM



#52
 Acenaphthene
 Concen: 44.008 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	849954		
153	111.4	88.1	132.1	
152	53.0	43.0	64.4	





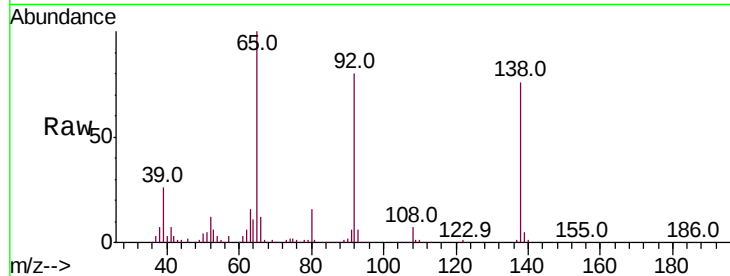
#53
3-Nitroaniline
Concen: 22.882 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	106.1	95.4	143.0

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM

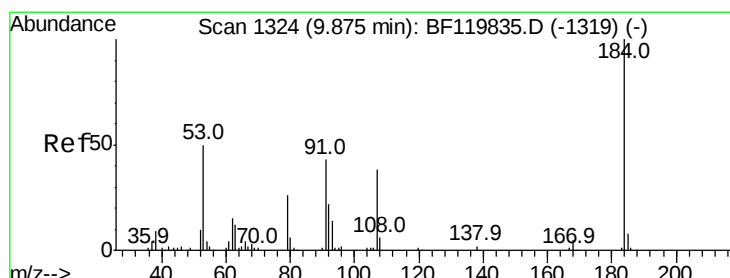
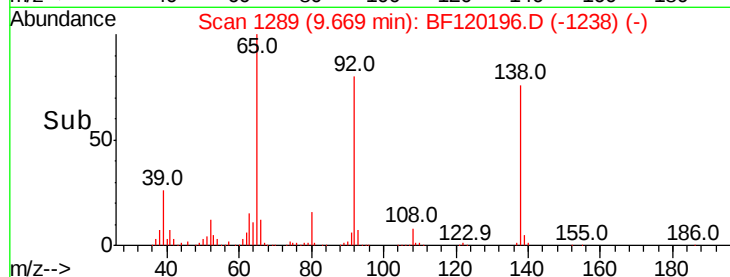
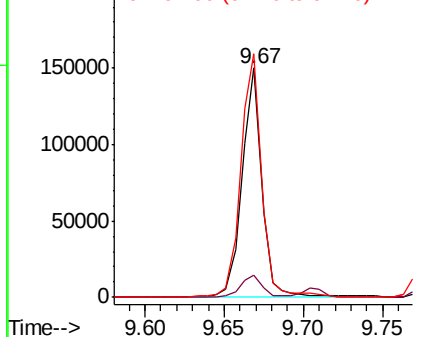


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 87.493 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

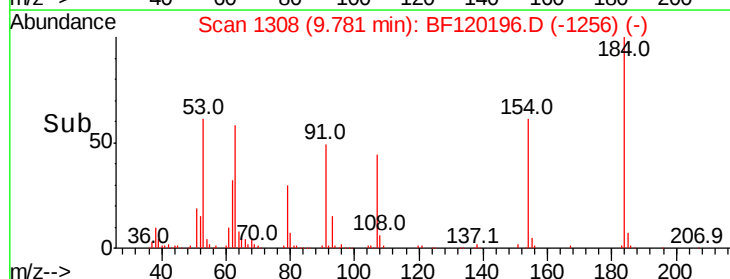
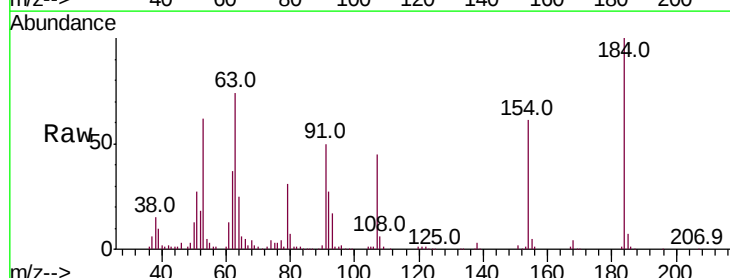
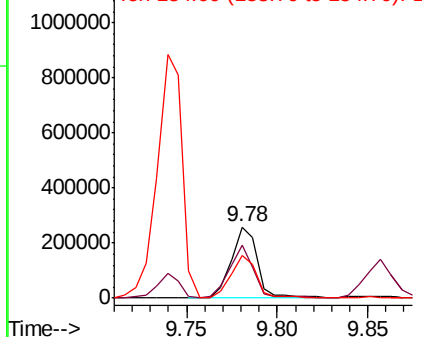
Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.4	50.2	75.4
154	60.9	44.5	66.7

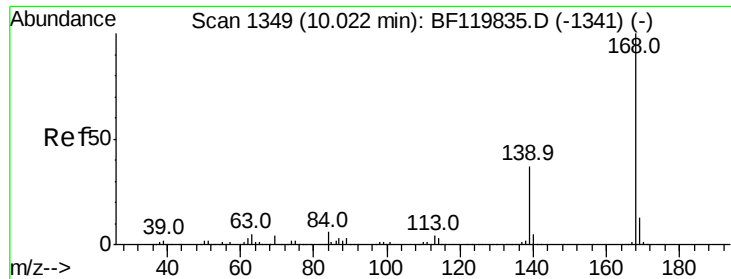
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





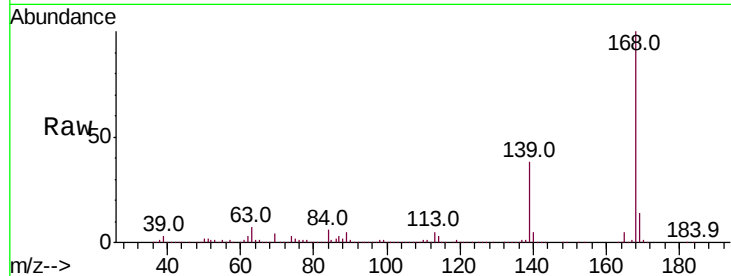
#55
Dibenzofuran
Concen: 47.109 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	13.8	11.0	16.6

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM

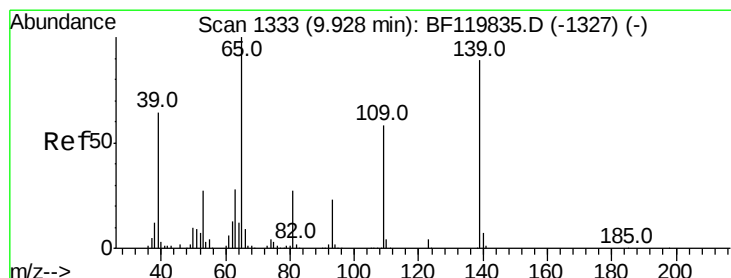
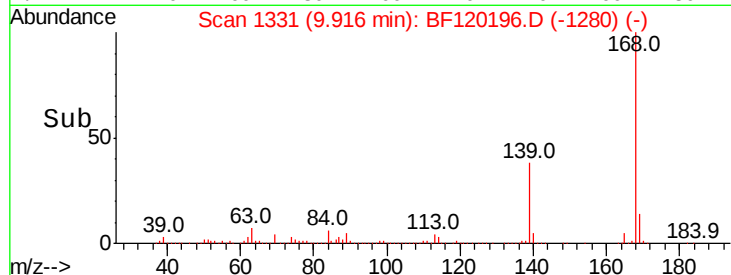
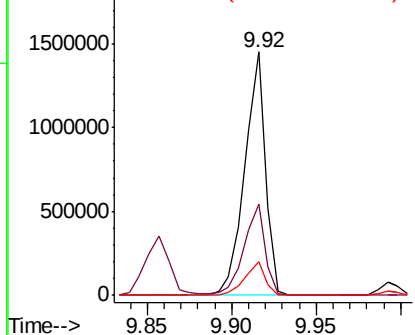


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 83.357 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

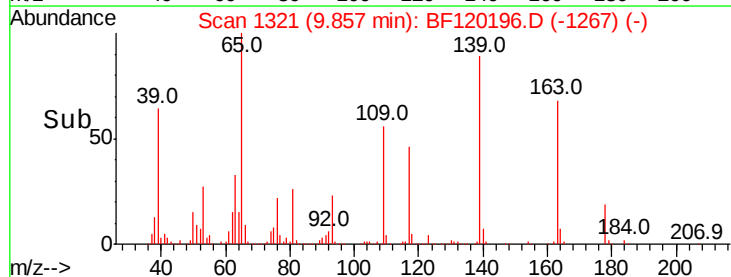
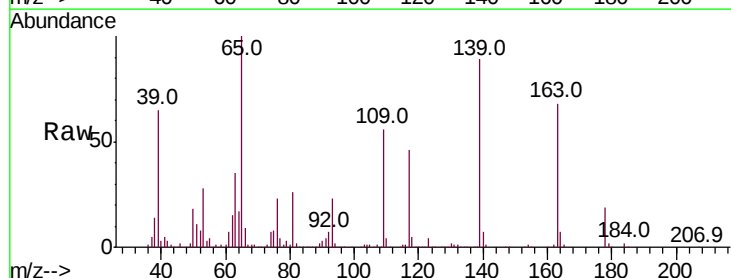
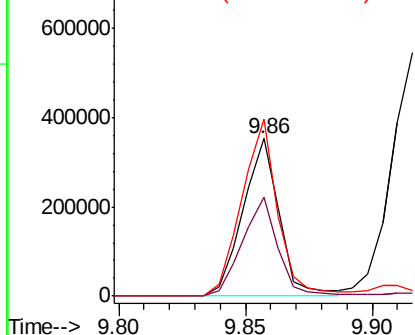
Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.5	43.3	83.3
65	112.2	91.0	131.0

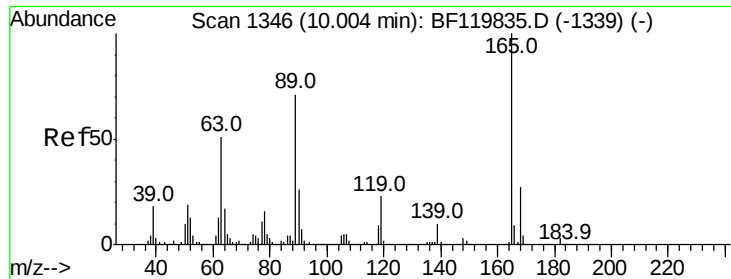
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





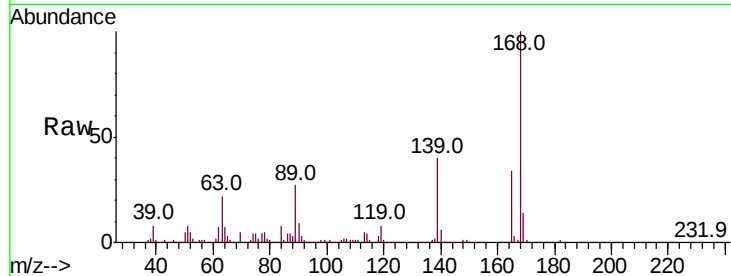
#57
2,4-Dinitrotoluene
Concen: 46.542 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.3	42.6	64.0	
89	78.5	61.0	91.4	
182	2.4	2.2	3.2	

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



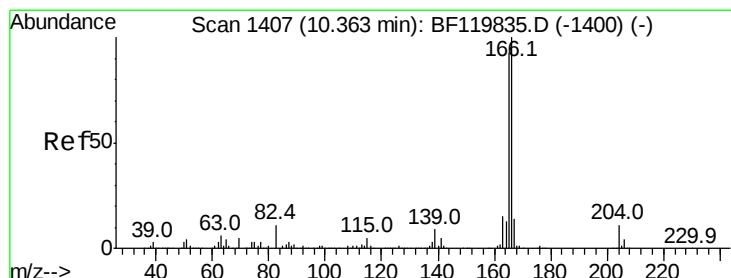
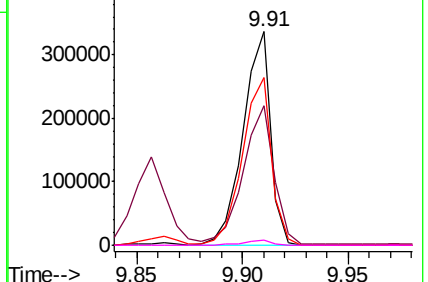
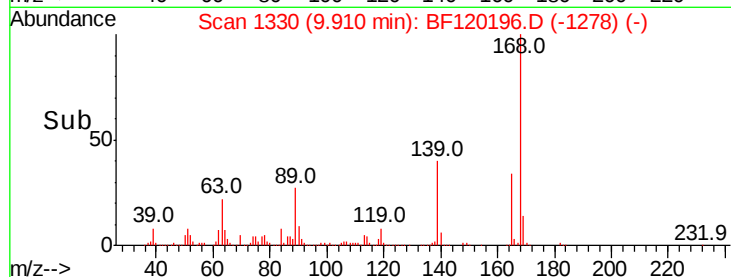
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

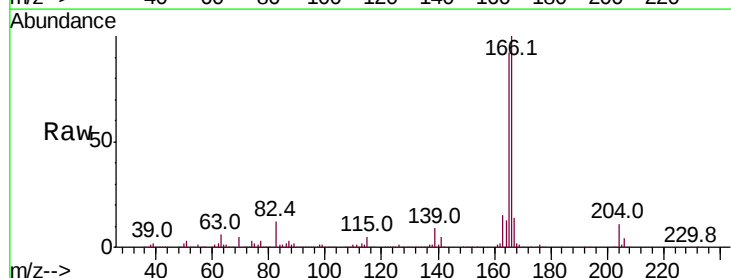
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.578 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	91.5	75.4	113.2	
167	13.6	11.2	16.8	

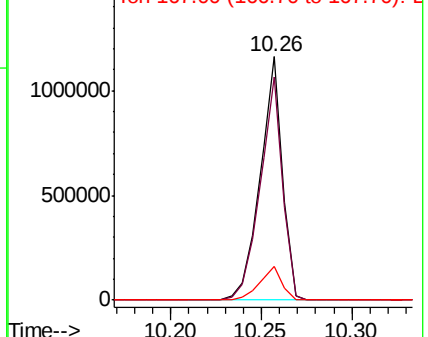
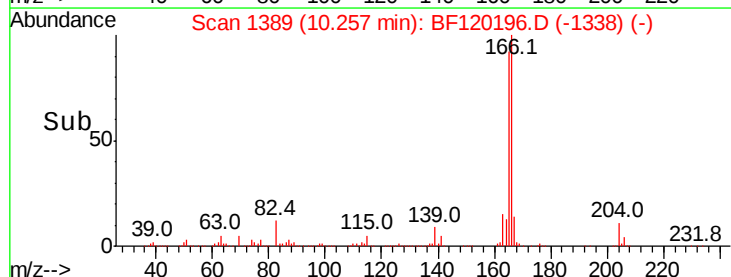


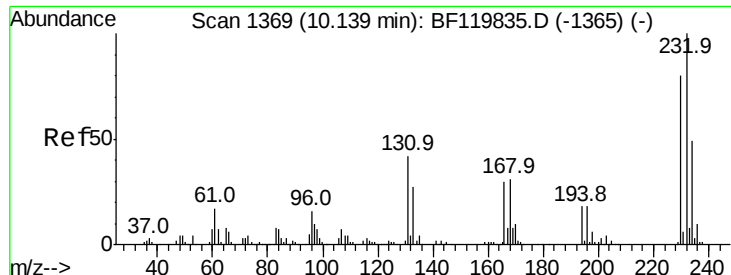
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





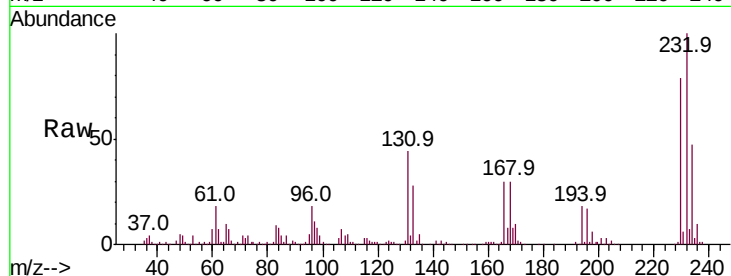
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.393 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

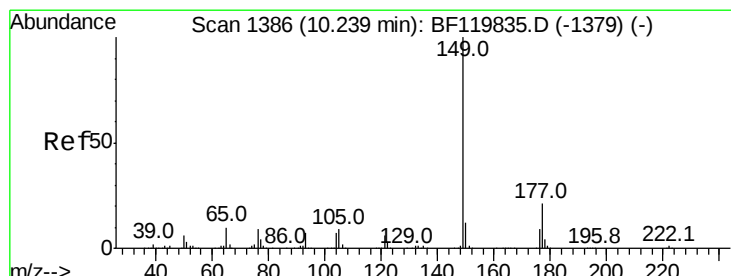
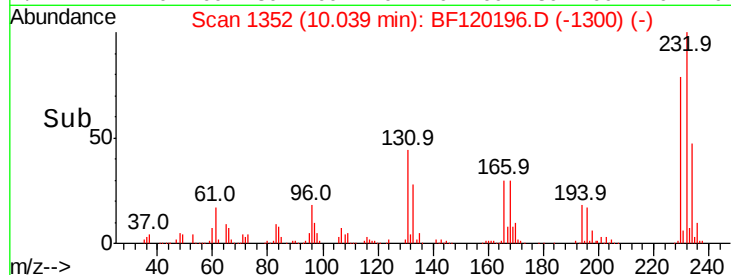
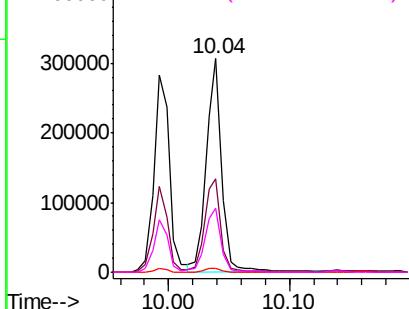
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.5	56.3
130	2.1	1.8	2.6
166	31.5	24.6	36.8

Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:14 PM



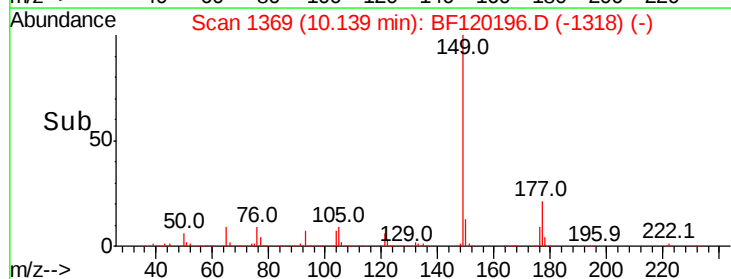
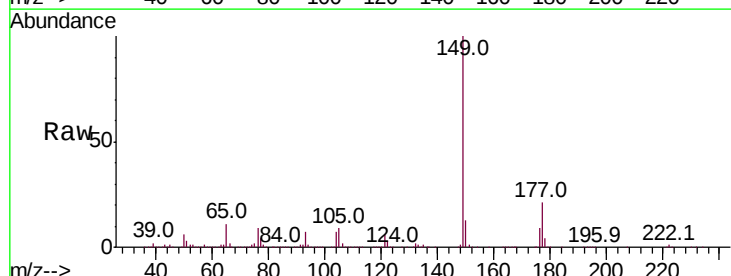
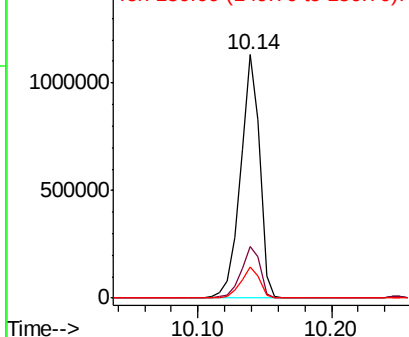
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

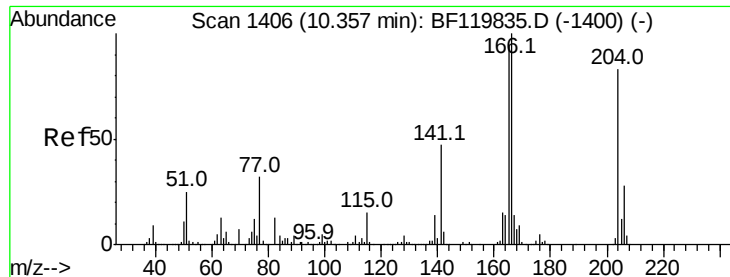


#60
 Diethylphthalate
 Concen: 47.535 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	12.8	10.1	15.1

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





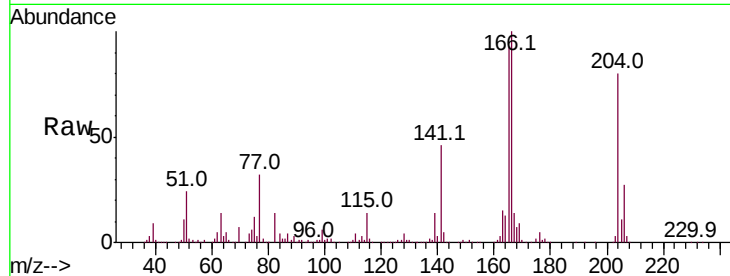
#61
 4-Chlorophenyl-phenylether
 Concen: 43.829 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

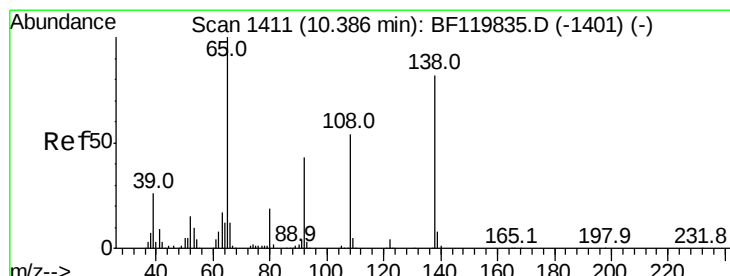
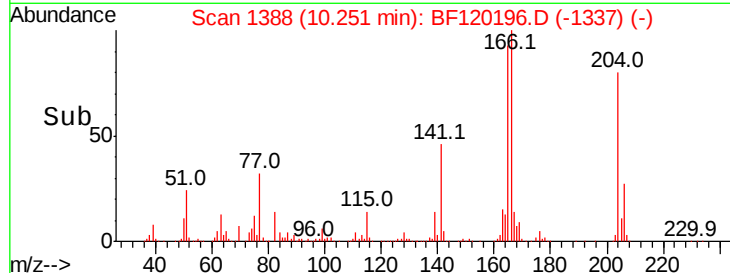
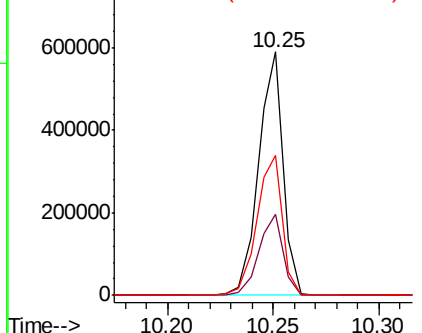
Tot Ion:	204	Resp:	476148
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.7	40.1
141	57.7	47.3	70.9

Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:14 PM

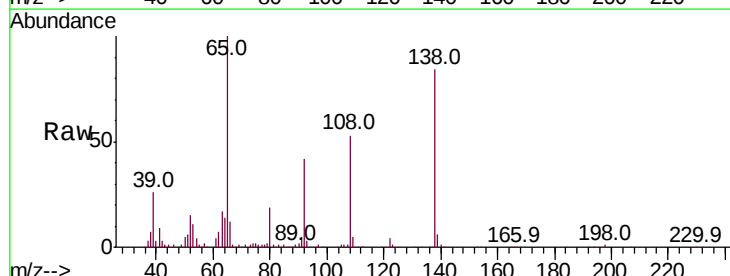


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

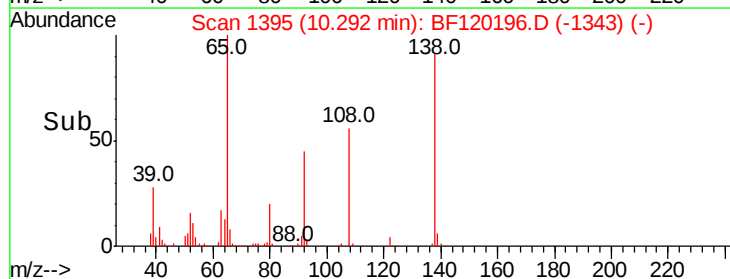
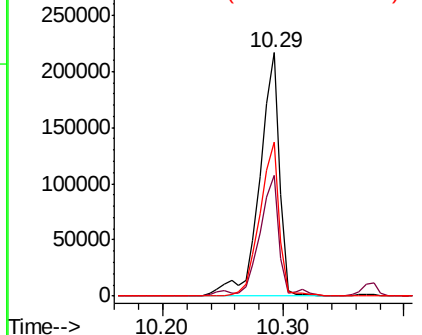


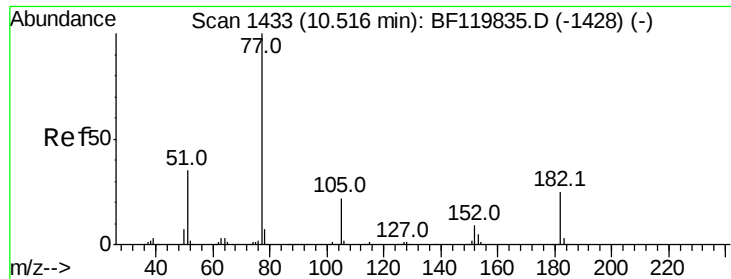
#62
 4-Nitroaniline
 Concen: 45.928 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Tgt Ion:	138	Resp:	247917
Ion Ratio	Lower	Upper	
138	100		
92	49.7	31.5	71.5
108	63.4	45.8	85.8



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





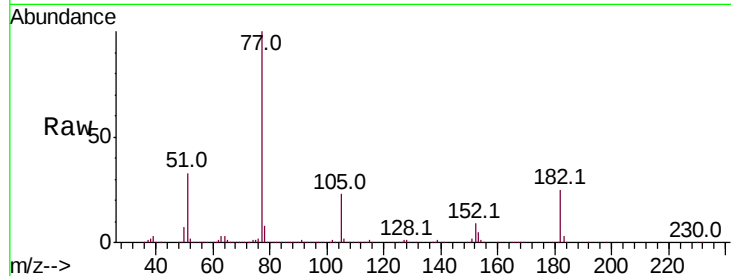
#63
Azobenzene
Concen: 48.683 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

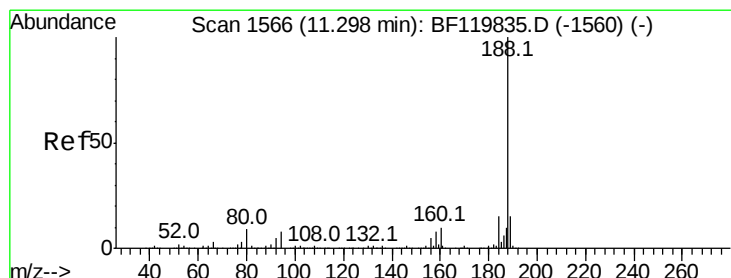
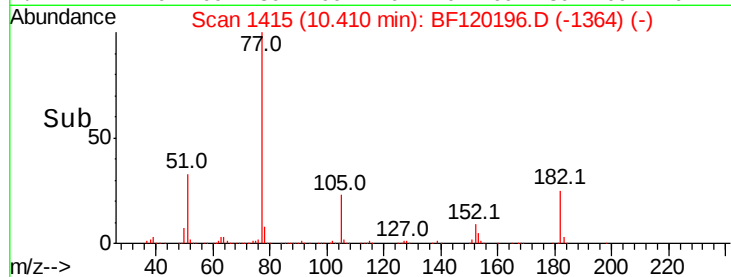
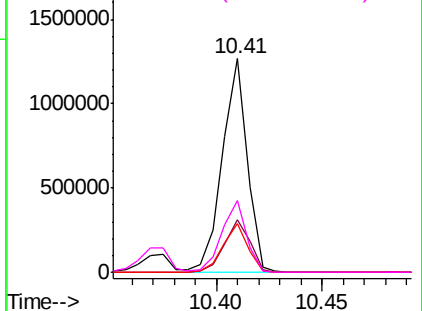
Tot Ion: 77 Resp: 1024085
Ion Ratio Lower Upper
77 100
182 24.6 4.4 44.4
105 22.8 2.6 42.6
51 33.3 15.1 55.1

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



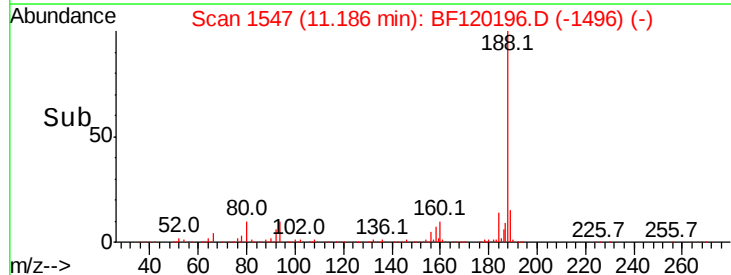
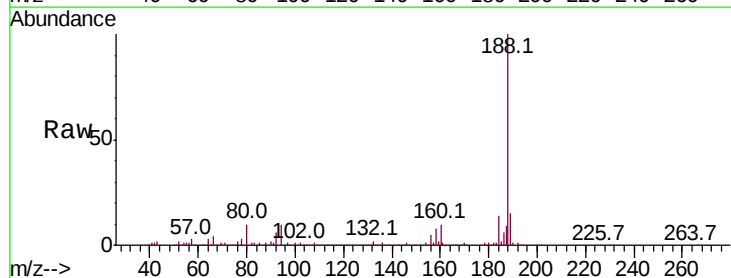
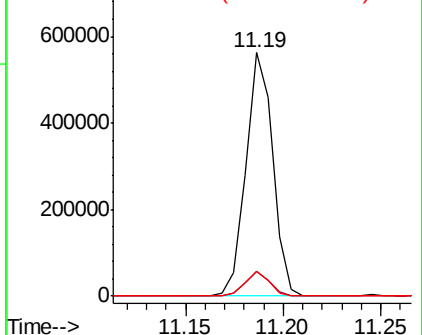
Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

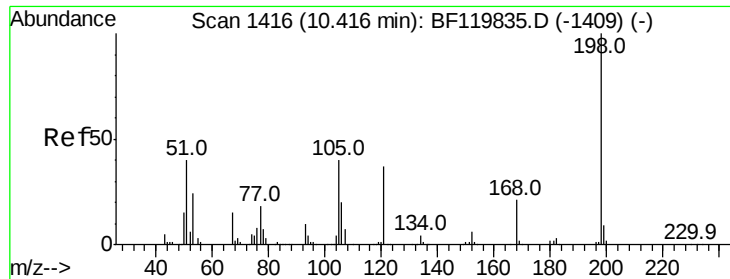


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion: 188 Resp: 536408
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.2 9.0 13.4

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





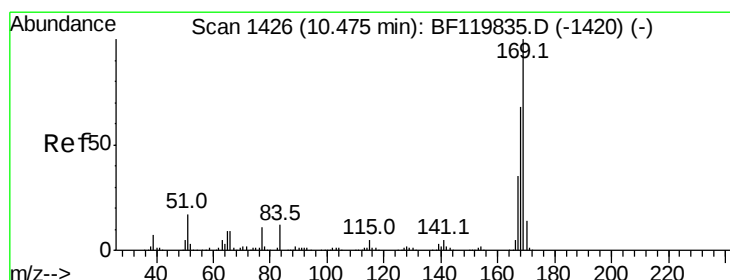
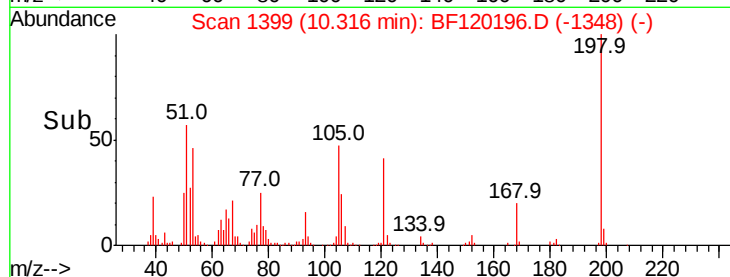
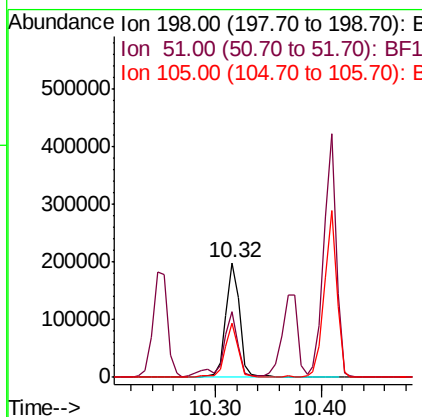
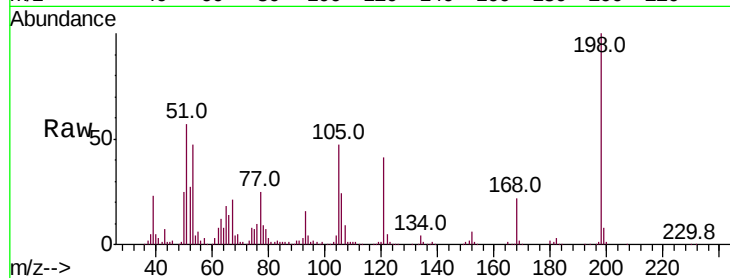
#65
4,6-Dinitro-2-methylphenol
Concen: 51.589 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampled :
ETGI-337MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	182310		
51	57.5	29.0	69.0	
105	47.2	22.2	62.2	

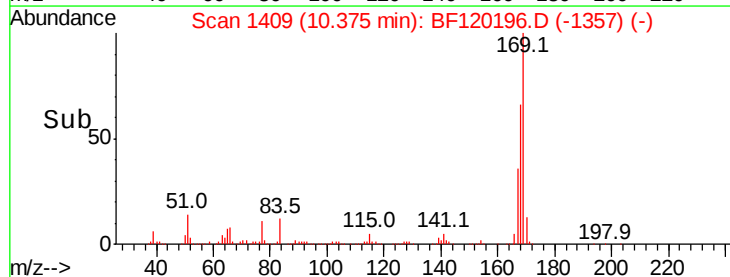
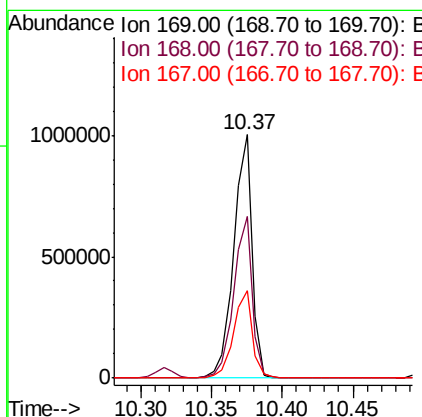
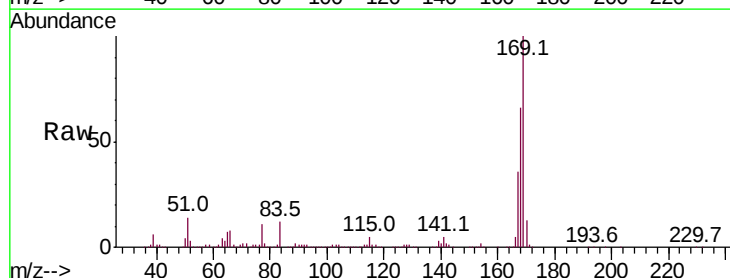
Manual Integrations
APPROVED

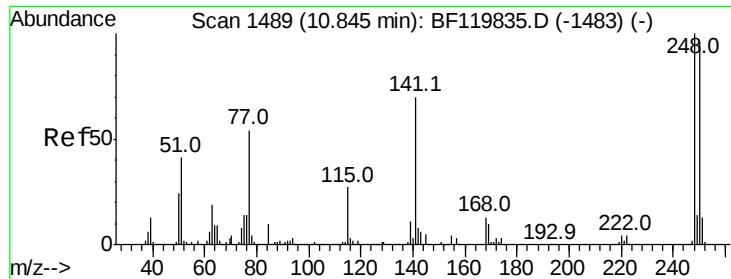
mohammad
4/27/2020 3:04:14 PM



#66
n-Nitrosodiphenylamine
Concen: 50.689 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	904271		
168	66.4	53.2	79.8	
167	35.7	29.1	43.7	





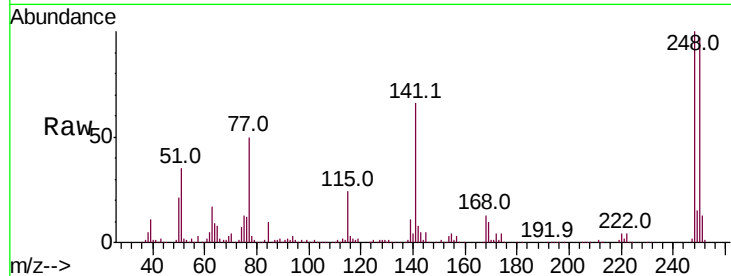
#67
4-Bromophenyl-phenylether
Concen: 44.555 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.3	115.9
141	66.2	58.6	87.8

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM

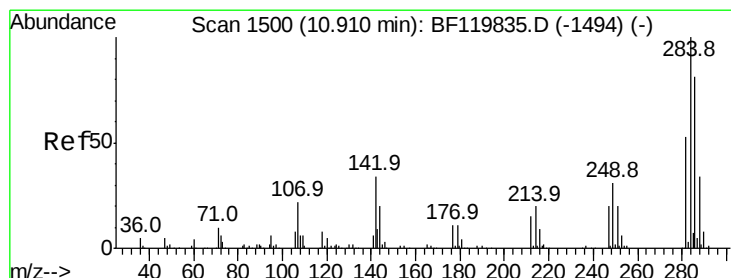
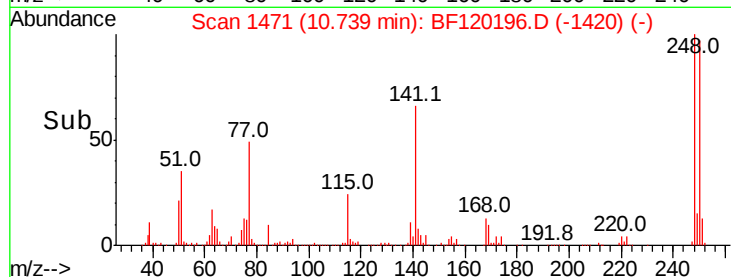
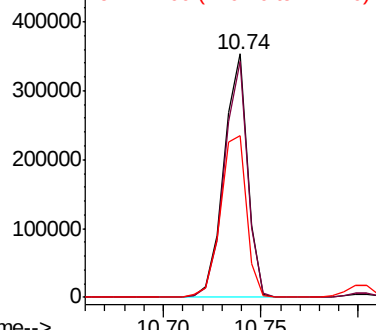


Abundance

Ion 248.00 (247.70 to 248.70): E

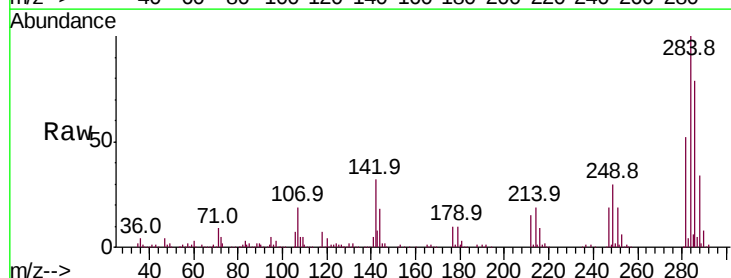
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.171 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	29.2	43.8
249	29.9	25.1	37.7

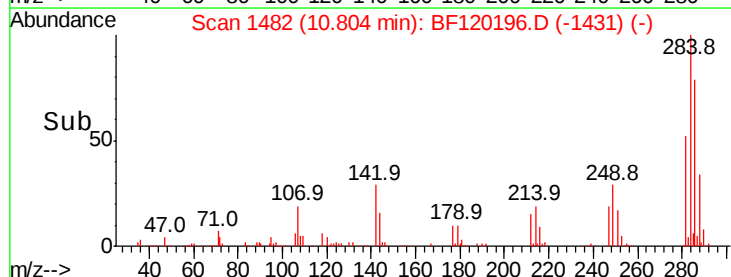
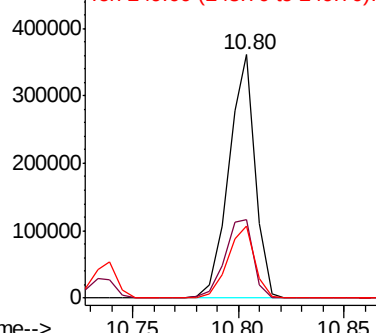


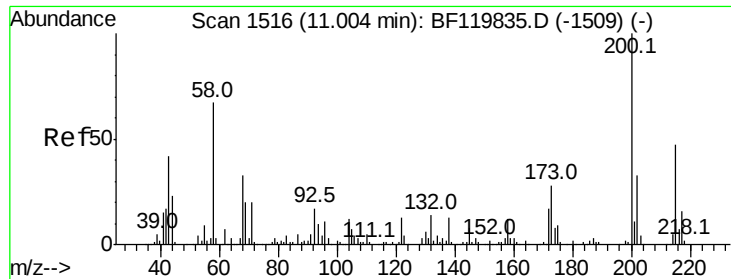
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





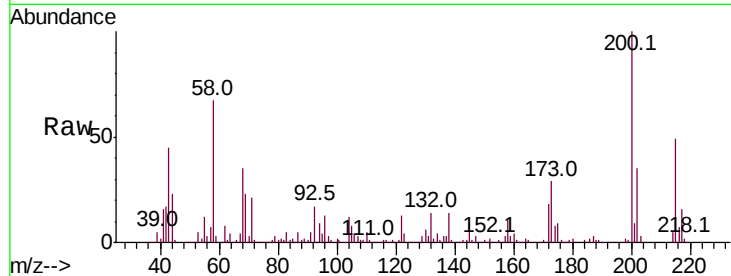
#69
Atrazine
Concen: 54.774 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

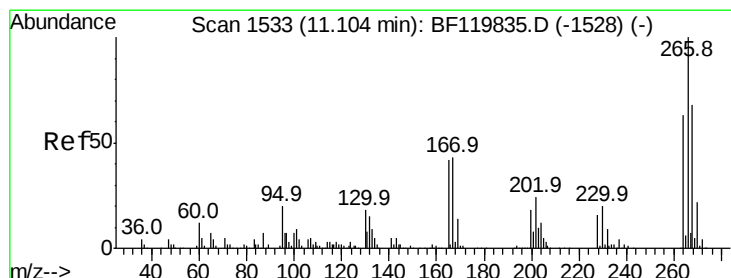
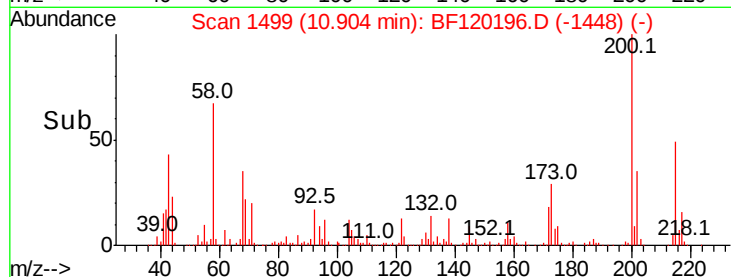
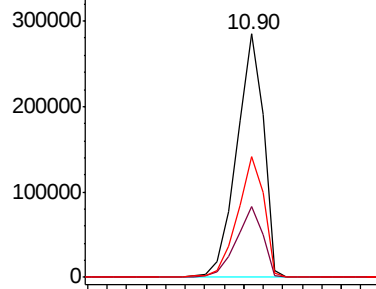
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.3	49.3
215	49.4	29.5	69.5

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM

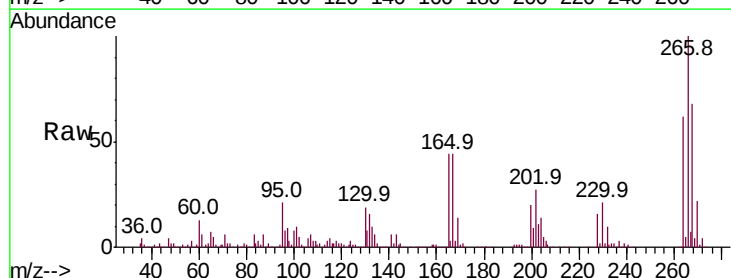


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

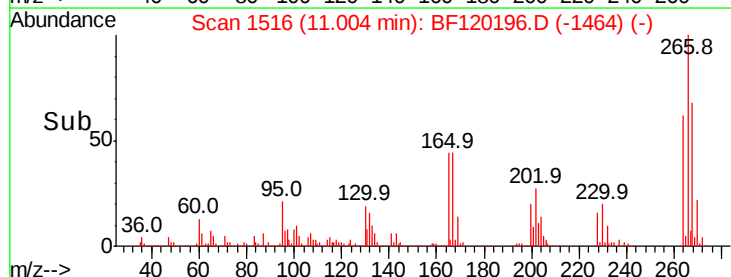
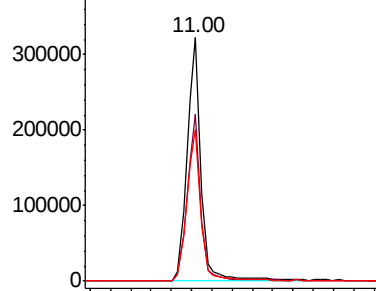


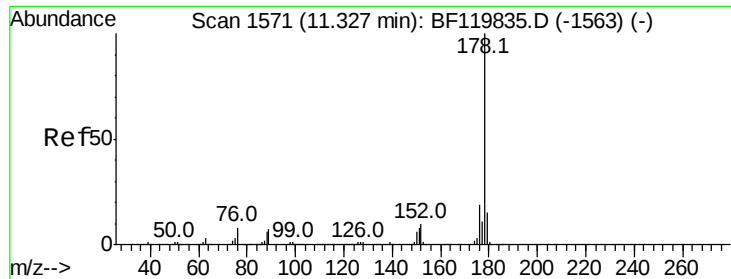
#70
Pentachlorophenol
Concen: 79.433 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	53.3	79.9
264	62.4	49.0	73.4



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





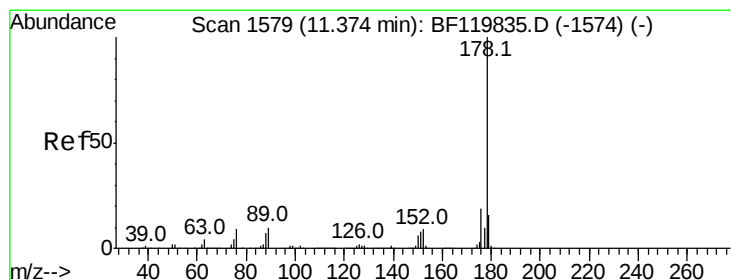
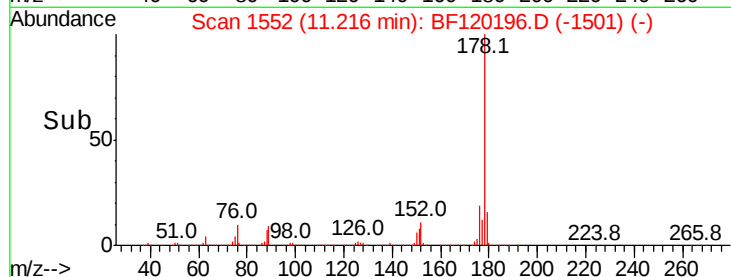
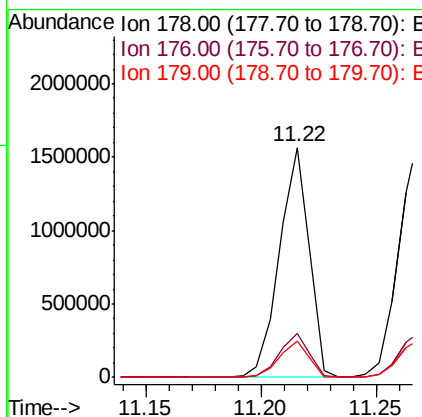
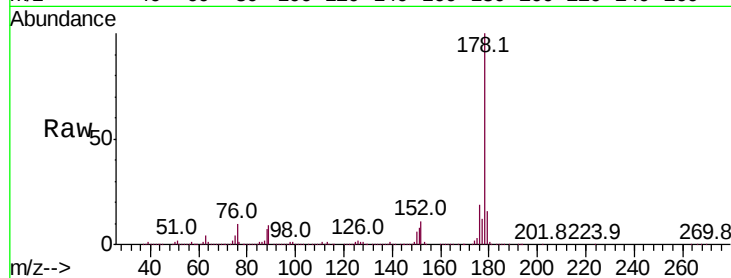
#71
Phenanthrene
Concen: 48.482 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion:178 Resp: 1384066
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.4
179 15.7 13.2 19.8

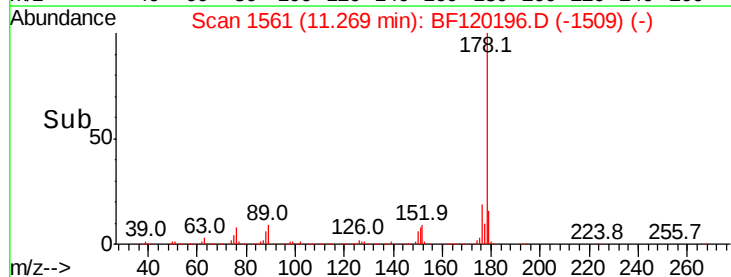
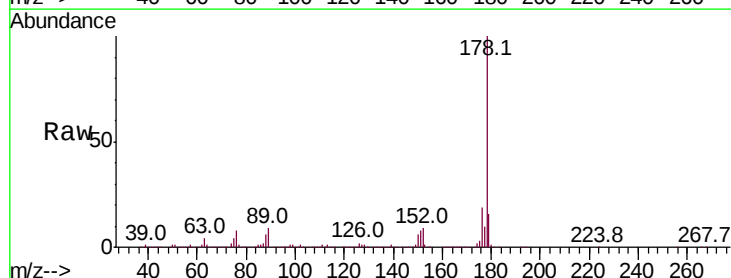
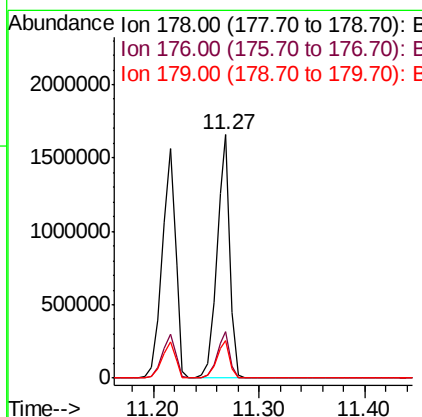
Manual Integrations
APPROVED

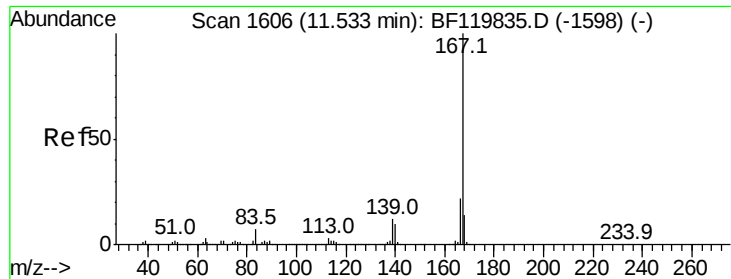
mohammad
4/27/2020 3:04:14 PM



#72
Anthracene
Concen: 48.854 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion:178 Resp: 1424763
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 15.6 13.0 19.4





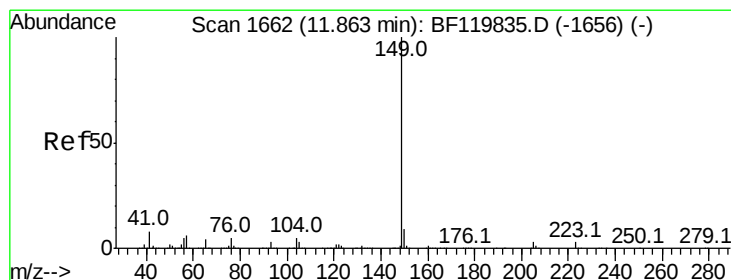
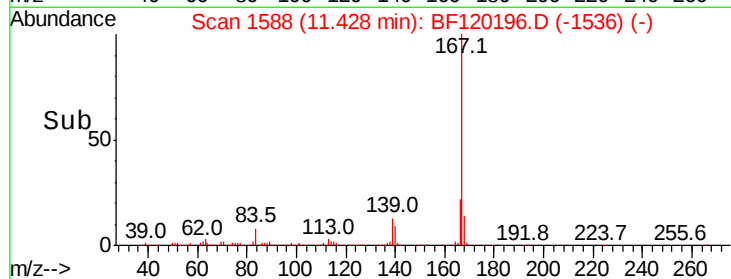
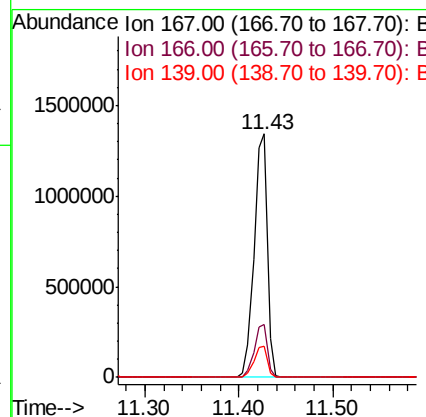
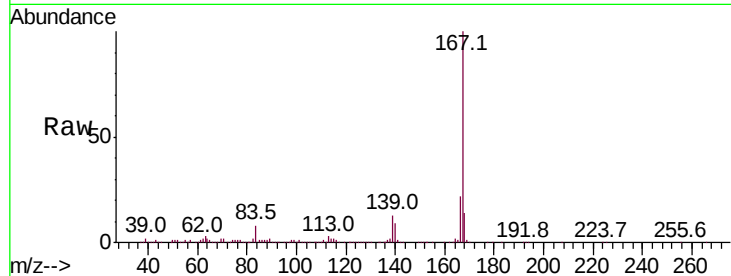
#73
 Carbazole
 Concen: 47.391 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

Tot Ion:167 Resp: 1307002
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.4
 139 12.5 10.7 16.1

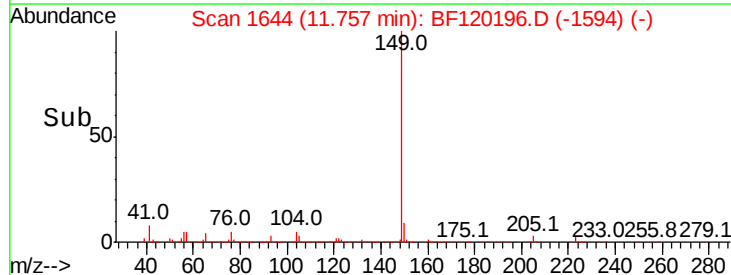
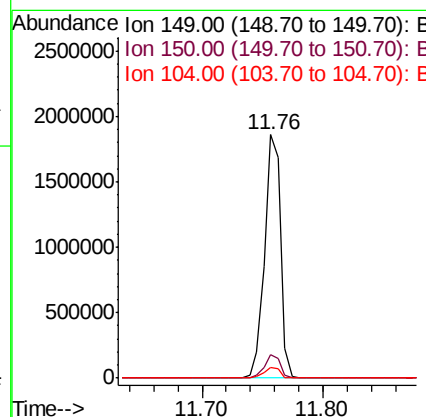
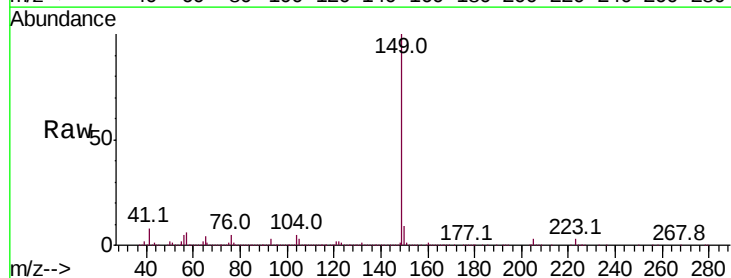
Manual Integrations
 APPROVED

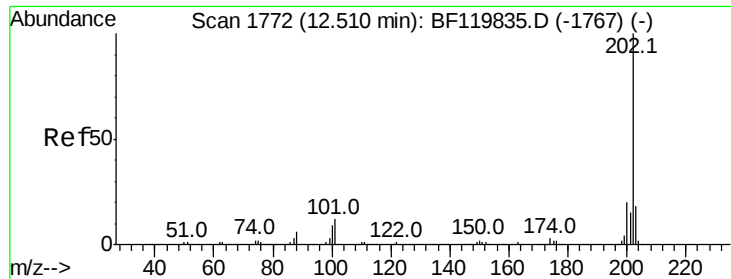
mohammad
 4/27/2020 3:04:14 PM



#74
 Di-n-butylphthalate
 Concen: 47.472 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Tgt Ion:149 Resp: 1721112
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 46.493 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

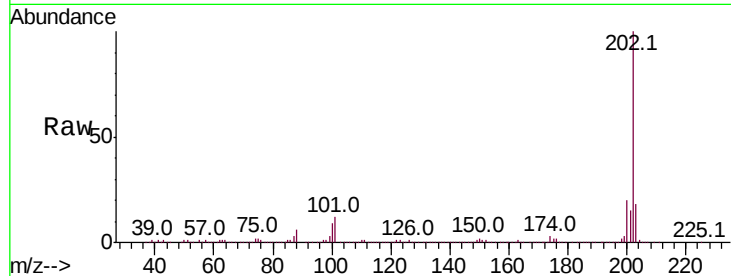
ClientSampleId :

ETGI-337MSD

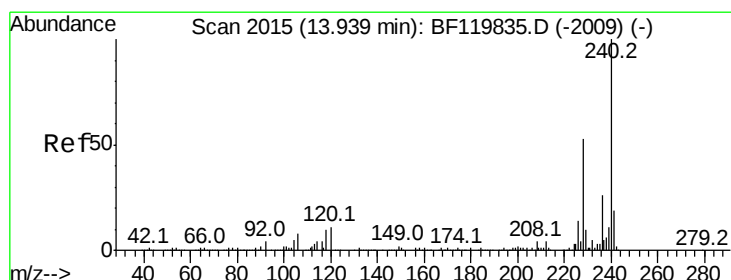
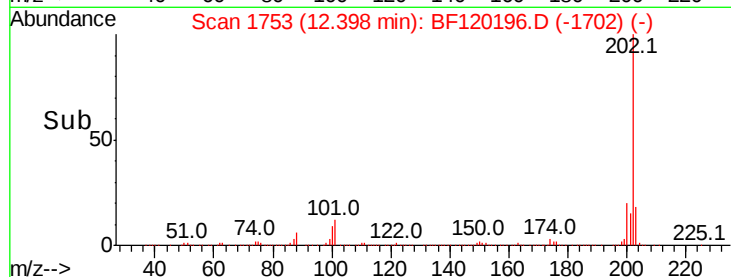
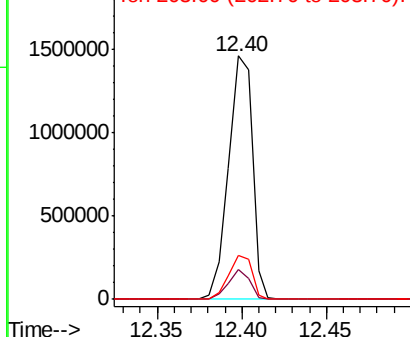
Tot Ion:	202	Resp:	1432114
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	32.2
203	18.2	0.0	38.8

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

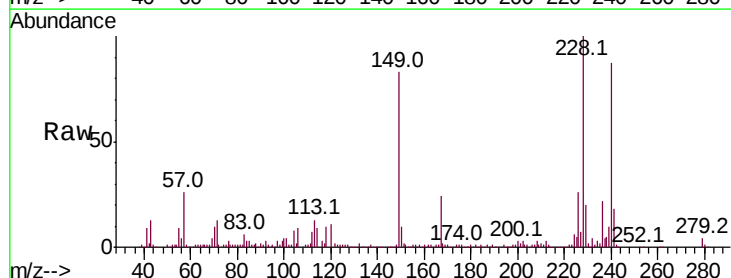
RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

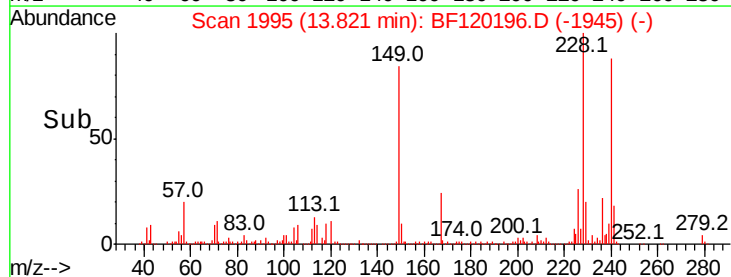
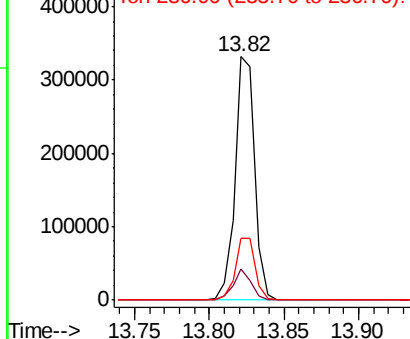
Lab File: BF120196.D

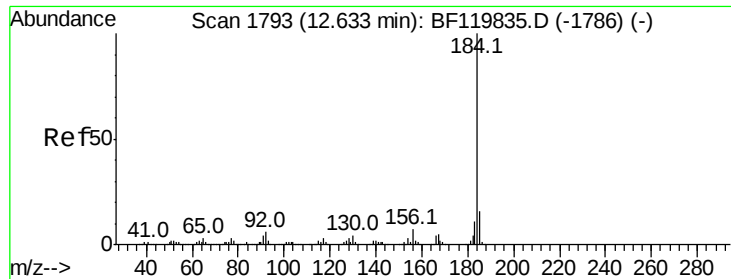
Acq: 24 Apr 2020 12:28

Tgt Ion:	240	Resp:	306608
Ion Ratio	Lower	Upper	
240	100		
120	12.8	10.6	15.8
236	25.1	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
400000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.728 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

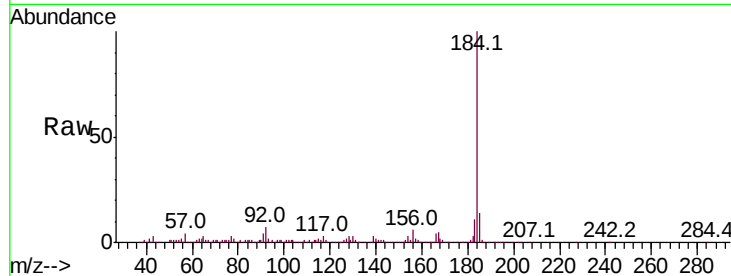
ClientSampleId :

ETGI-337MSD

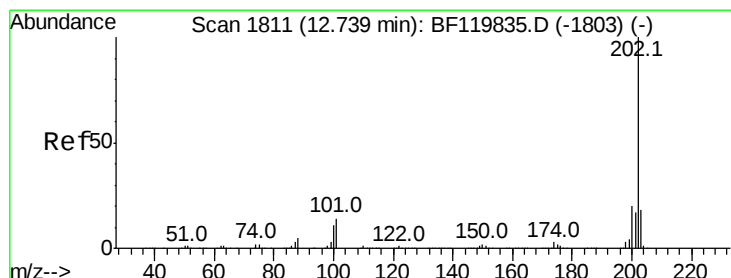
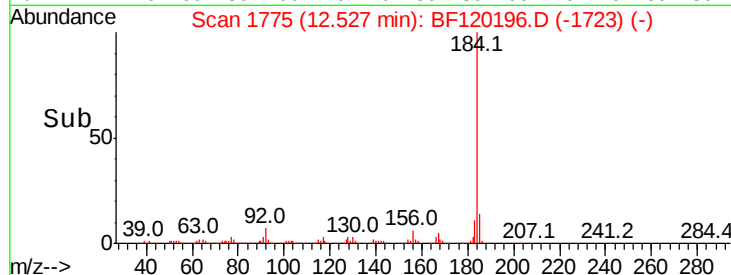
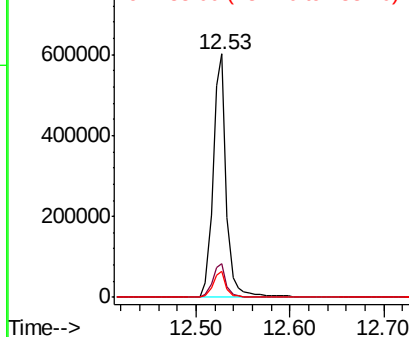
Tot Ion:	184	Resp:	598304
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.3	18.5
183	10.5	9.0	13.6

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



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



#78

Pyrene

Concen: 54.458 ng

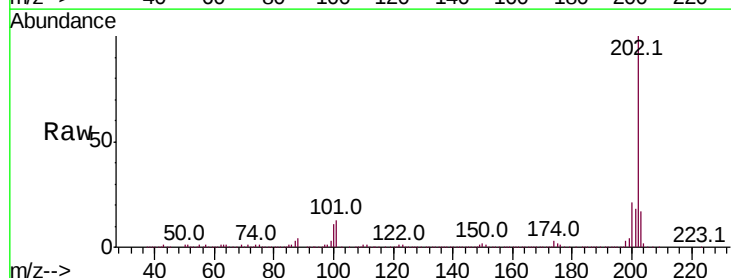
RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

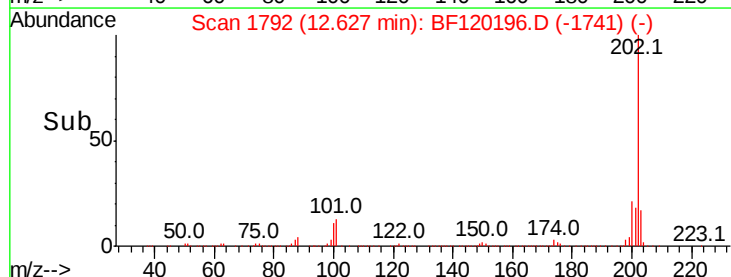
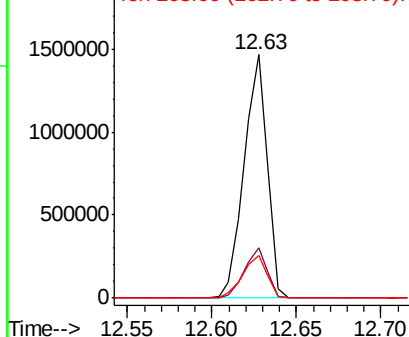
Lab File: BF120196.D

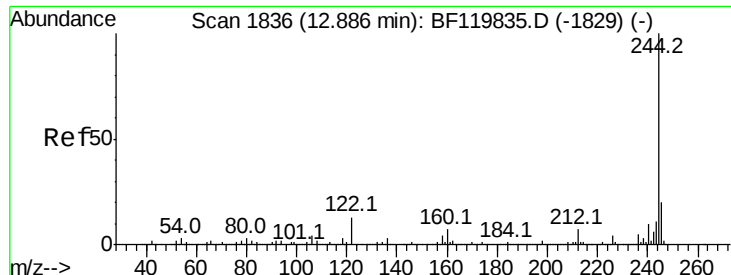
Acq: 24 Apr 2020 12:28

Tgt Ion:	202	Resp:	1407613
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.8	25.2
203	17.5	15.1	22.7



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





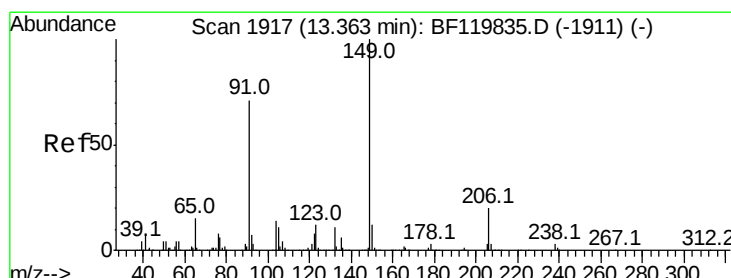
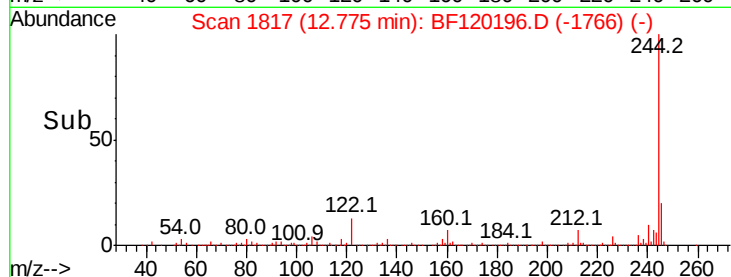
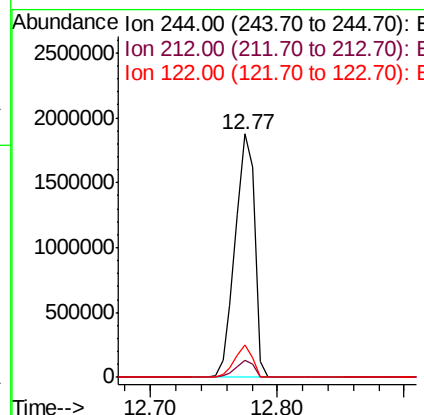
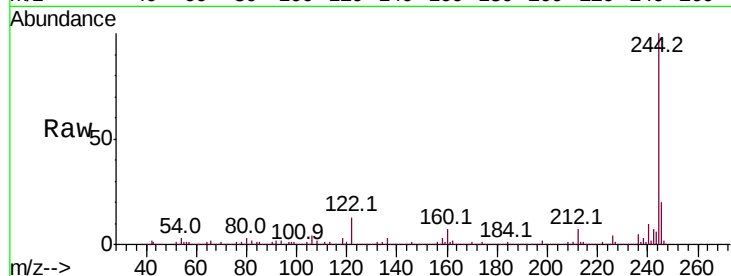
#79
 Terphenyl-d14
 Concen: 108.389 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.4	10.3	15.5

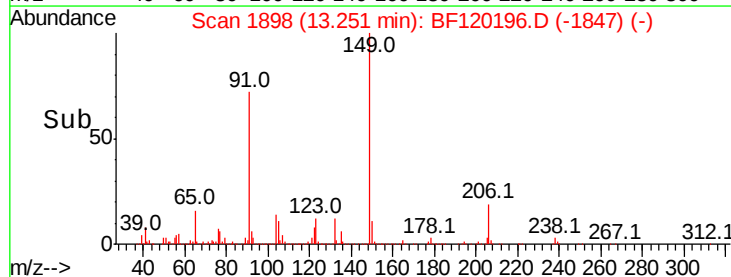
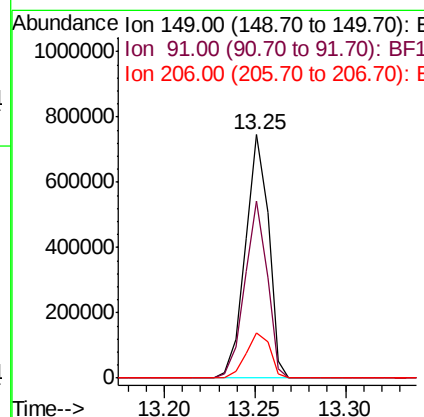
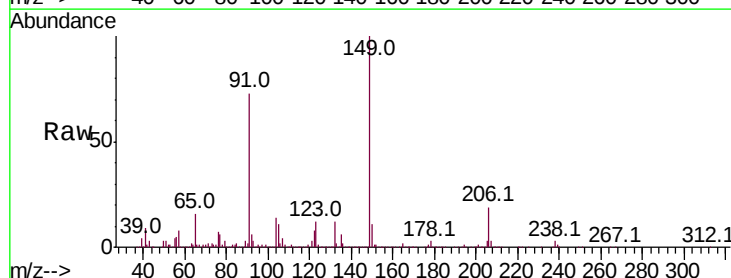
Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:14 PM



#80
 Butylbenzylphthalate
 Concen: 52.936 ng
 RT: 13.25 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.6	54.7	82.1
206	18.8	16.2	24.2





#81

Benzo(a)anthracene

Concen: 49.673 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

Tot Ion:228 Resp: 1001928

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

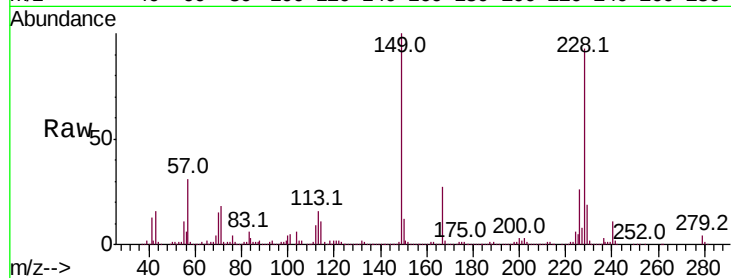
229 19.9 16.2 24.4

Manual Integrations

APPROVED

mohammad

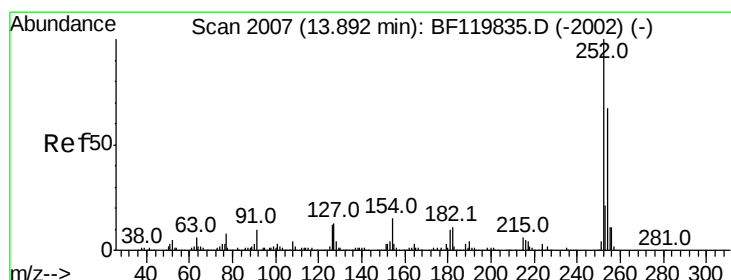
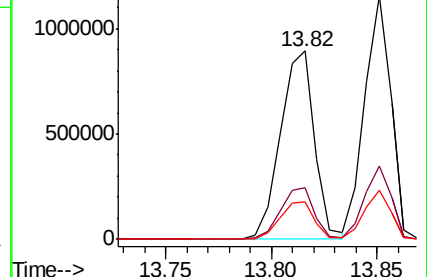
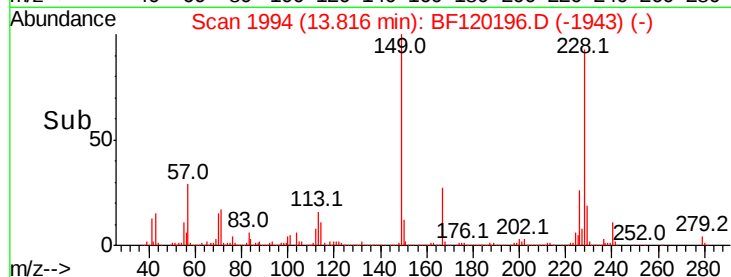
4/27/2020 3:04:14 PM



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: 28.512 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

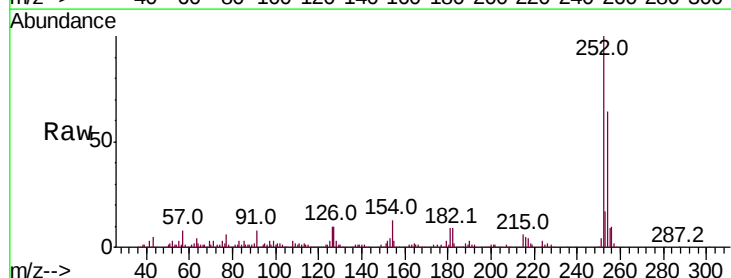
Tgt Ion:252 Resp: 214582

Ion Ratio Lower Upper

252 100

254 64.0 51.2 76.8

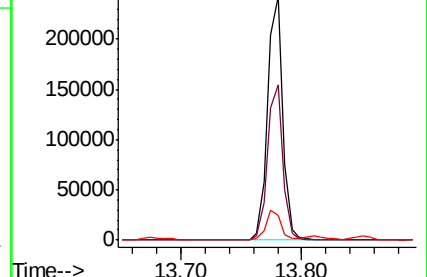
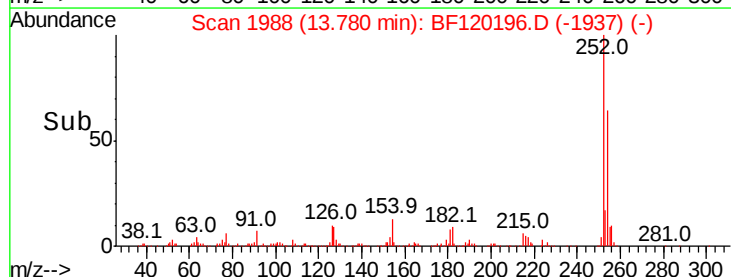
126 10.2 9.6 14.4

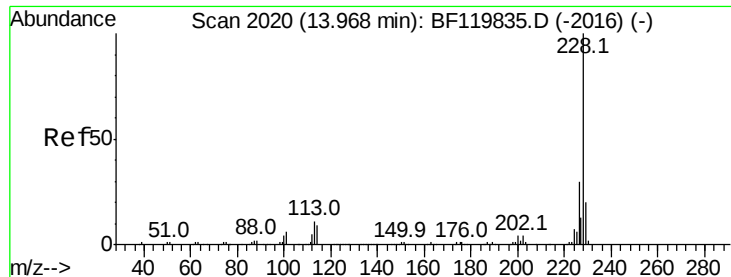


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





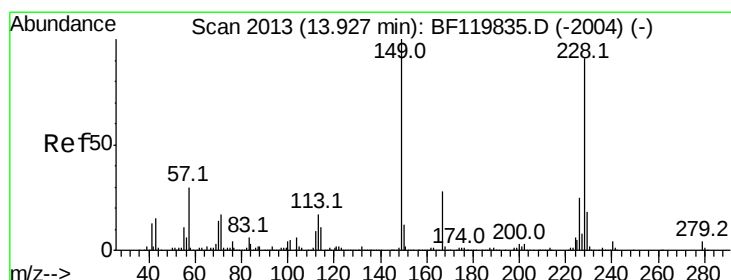
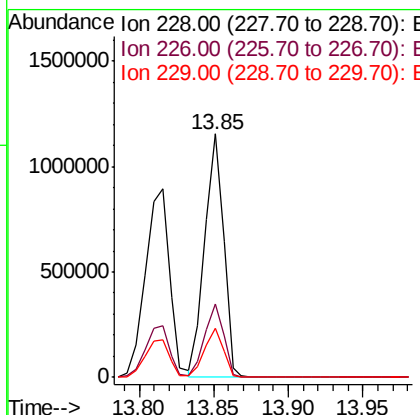
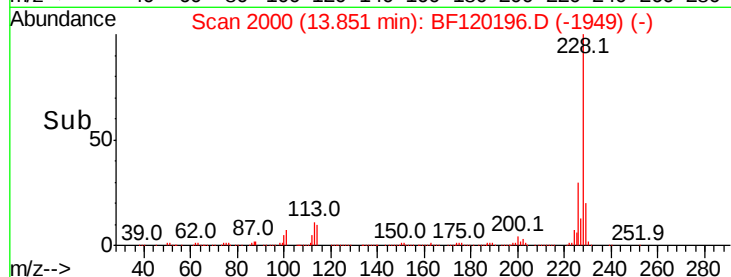
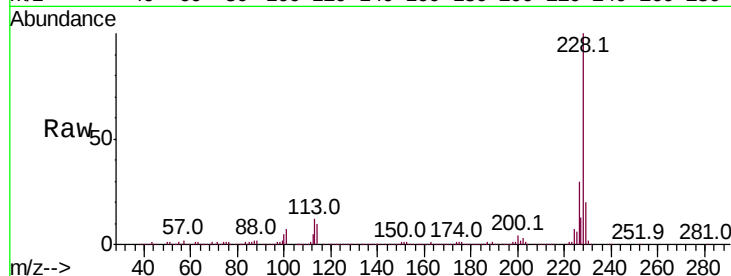
#83
 Chrysene
 Concen: 49.069 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Instrument :
 BNA_F
 ClientSampleID :
 ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	20.2	16.6	24.8

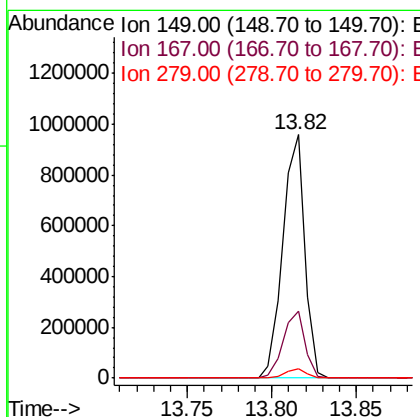
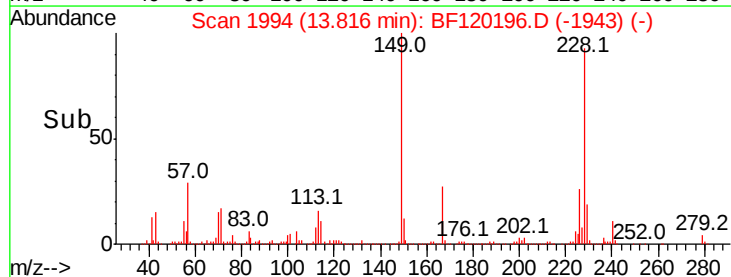
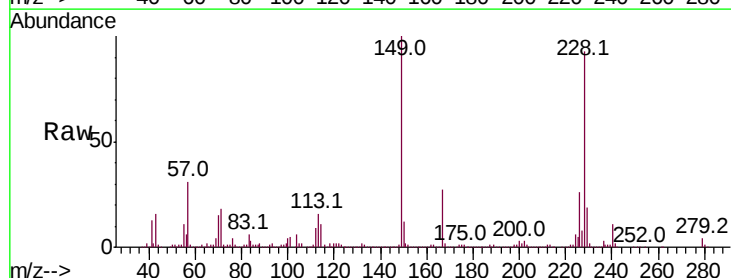
Manual Integrations
 APPROVED

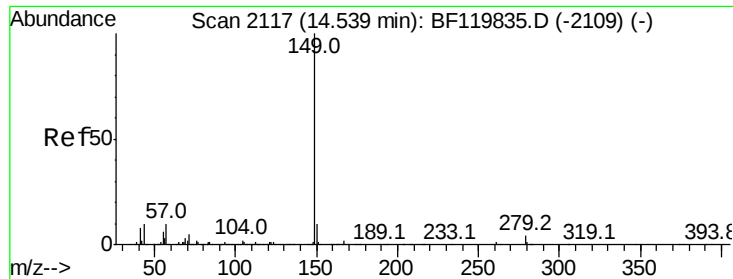
mohammad
 4/27/2020 3:04:14 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.150 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF120196.D
 Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	4.0	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 48.272 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

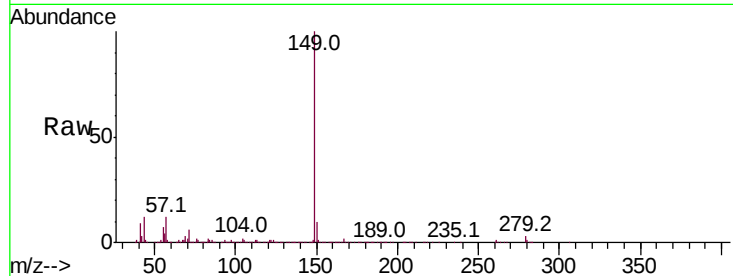
ClientSampleId :

ETGI-337MSD

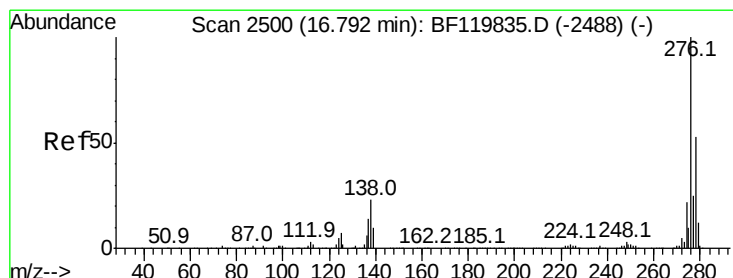
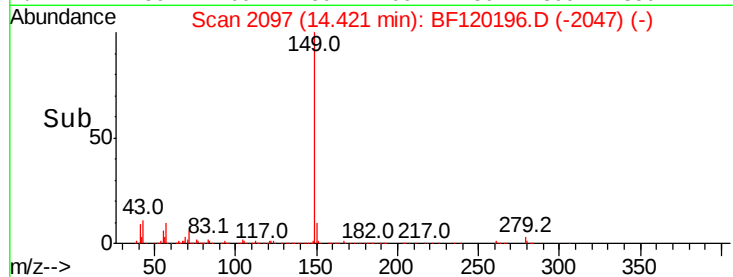
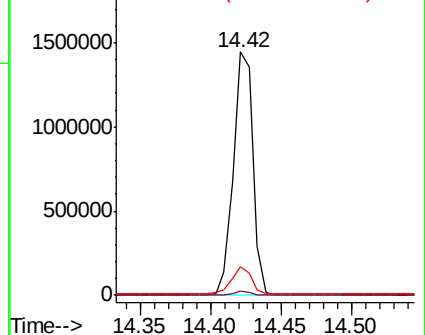
Tot Ion:	149	Resp:	1396000
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.7	9.3	13.9

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.862 ng

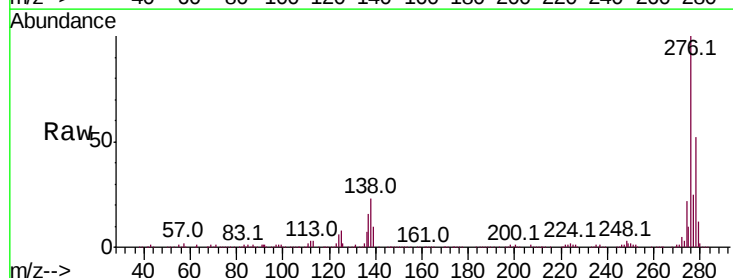
RT: 16.57 min Scan# 2463

Delta R.T. 0.00 min

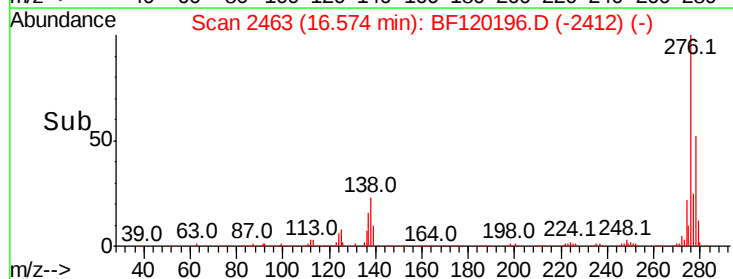
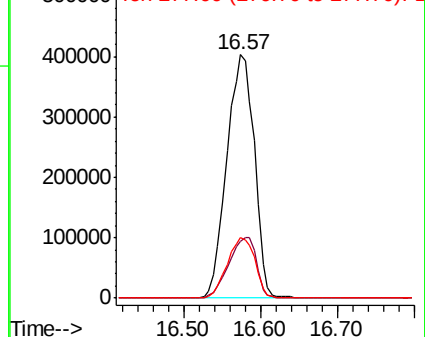
Lab File: BF120196.D

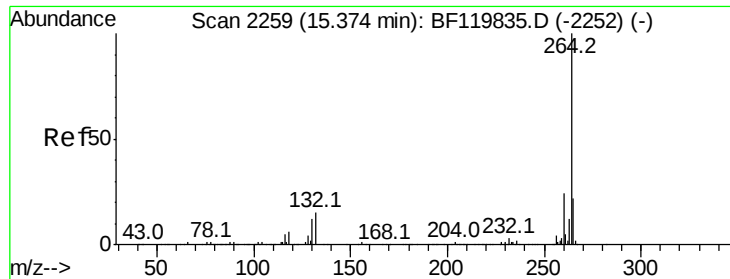
Acq: 24 Apr 2020 12:28

Tgt Ion:	276	Resp:	1009226
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.6	29.4
277	24.9	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





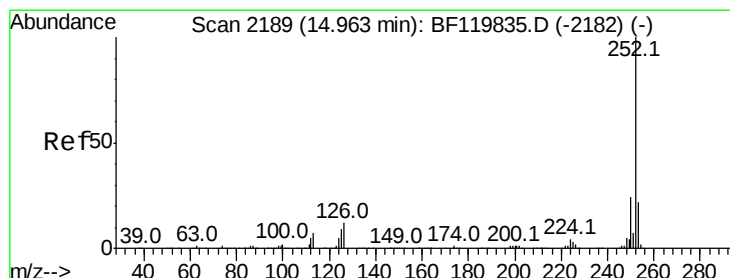
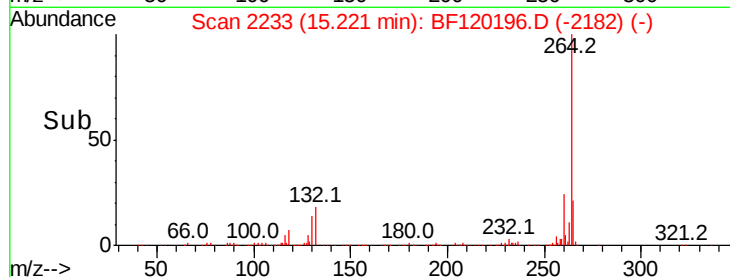
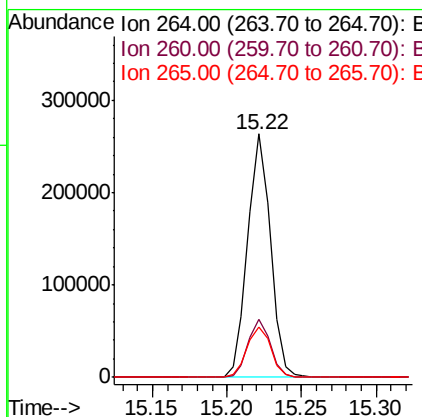
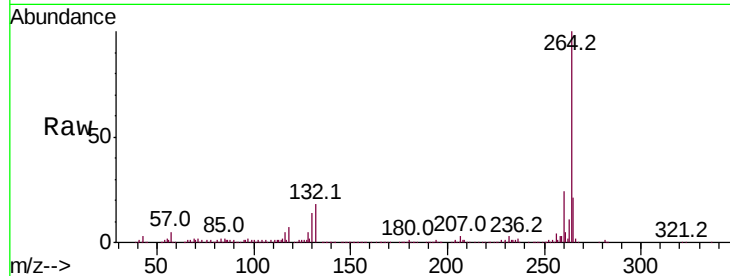
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	20.9	17.7	26.5

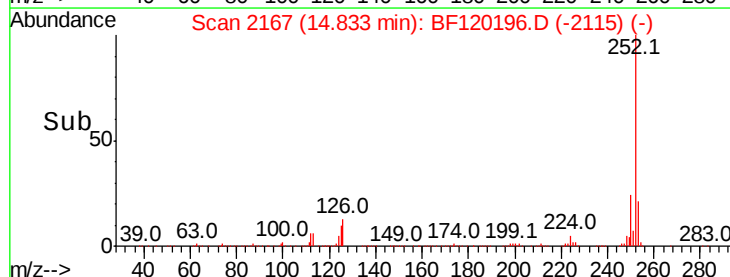
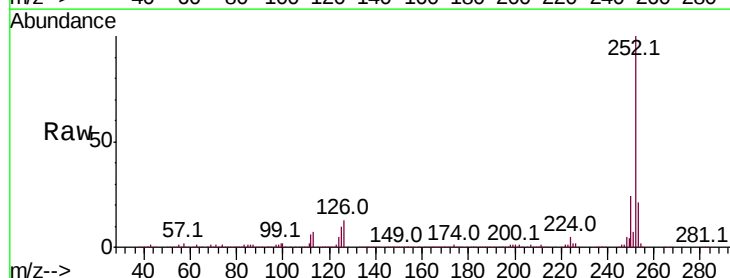
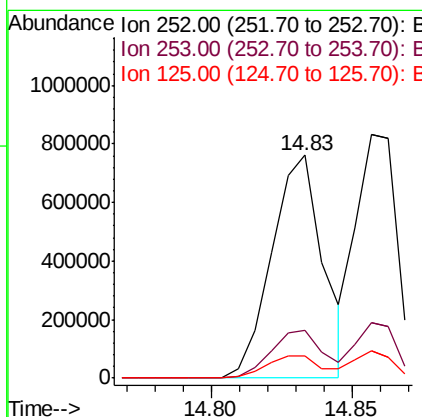
Manual Integrations
APPROVED

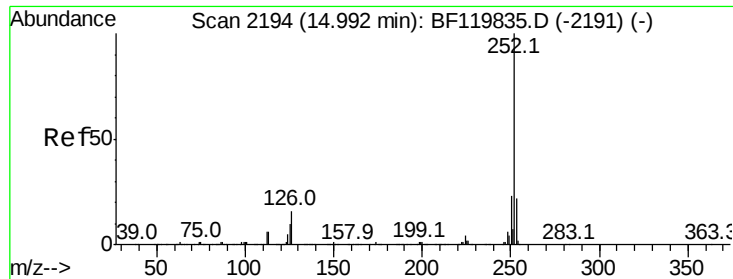
mohammad
4/27/2020 3:04:14 PM



#88
Benzo(b)fluoranthene
Concen: 48.001 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	9.8	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 48.764 ng

RT: 14.86 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Instrument :

BNA_F

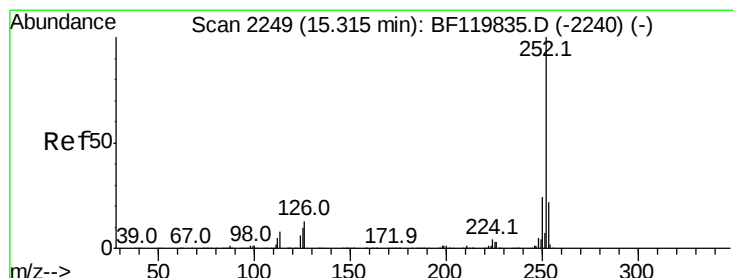
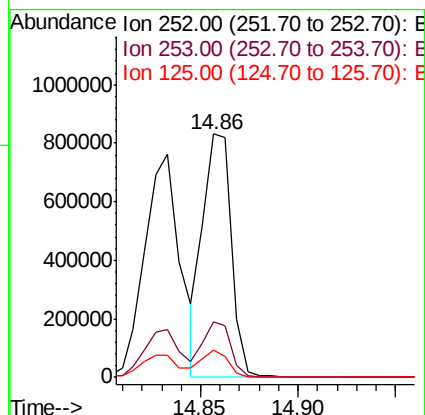
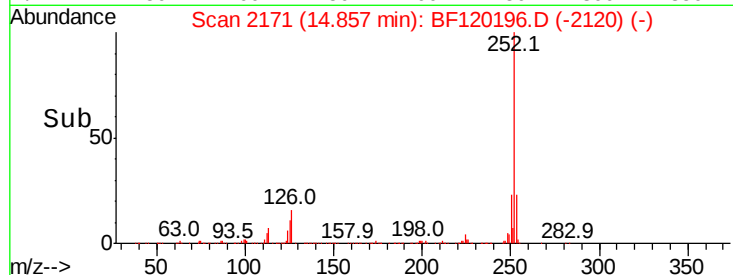
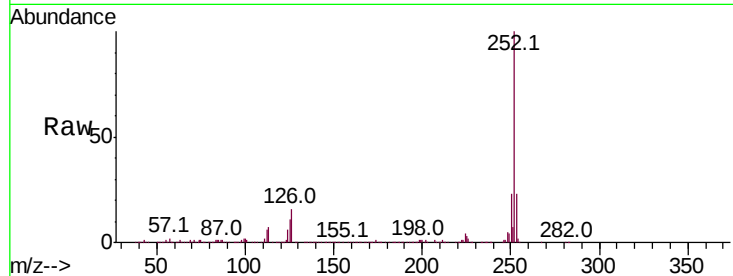
ClientSampled :

ETGI-337MSD

Tot Ion:	252	Resp:	845622
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	11.5	8.4	12.6

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



#90

Benzo(a)pyrene

Concen: 48.638 ng

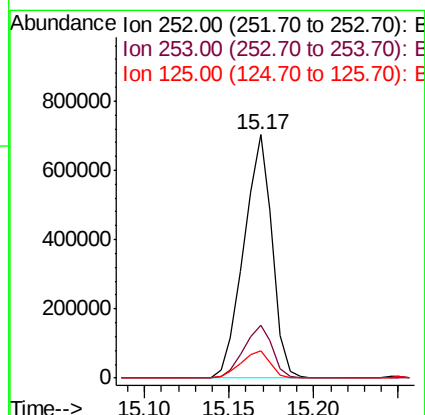
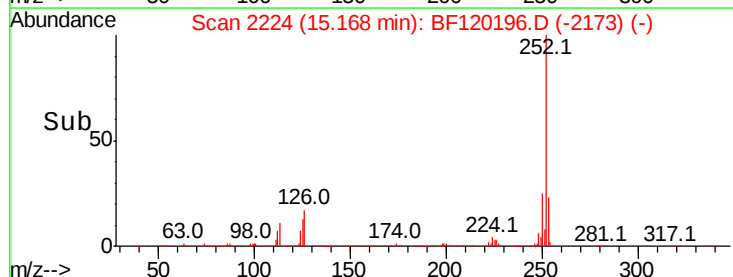
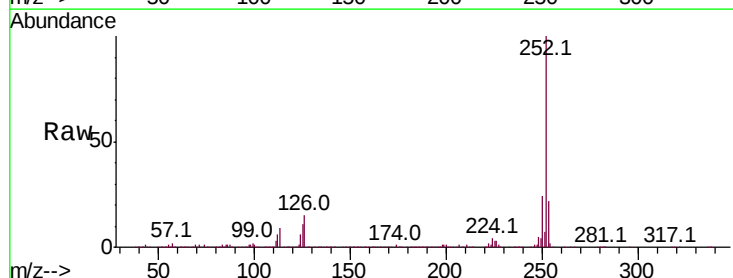
RT: 15.17 min Scan# 2224

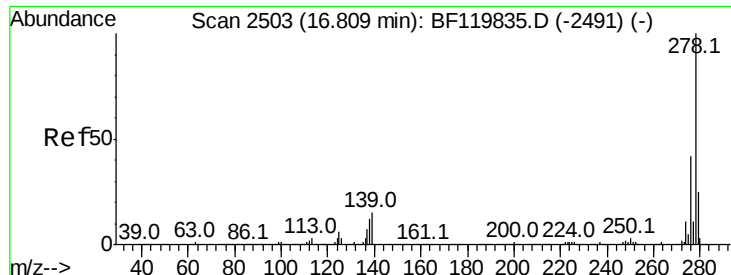
Delta R.T. 0.00 min

Lab File: BF120196.D

Acq: 24 Apr 2020 12:28

Tgt Ion:	252	Resp:	821913
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.2
125	11.3	9.4	14.2





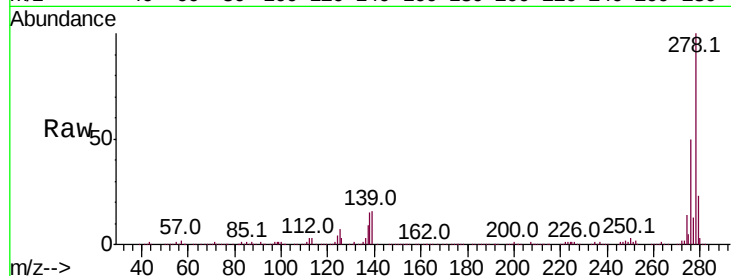
#91
Dibenzo(a,h)anthracene
Concen: 55.303 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

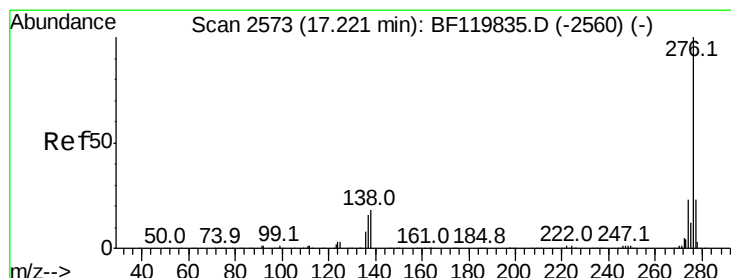
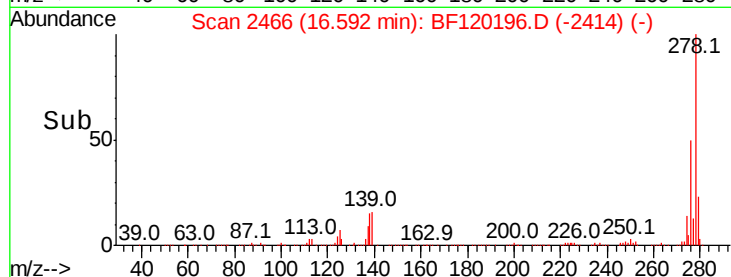
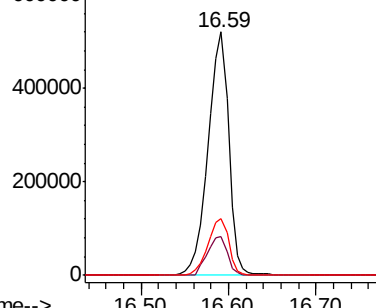
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.6	19.0
279	23.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:14 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 56.102 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF120196.D
Acq: 24 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	22.1	15.4	23.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

