

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119500.D
 Acq On : 25 Mar 2020 11:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:11:36 AM

Quant Time: Mar 25 14:07:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	351282	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1301583	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	681090	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1302064	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	960188	20.00	ng	0.00
87) Perylene-d12	15.49	264	850279	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1746685	79.15	ng	0.00
7) Phenol-d6	6.47	99	2212648	78.49	ng	0.00
23) Nitrobenzene-d5	7.42	82	2042247	85.27	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	658878	93.77	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	3653186	79.46	ng	0.00
79) Terphenyl-d14	12.97	244	4059845	82.84	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.58	88	396094	36.344 ng	98
3) Pyridine	3.33	79	1095361	36.482 ng	98
4) n-Nitrosodimethylamine	3.28	42	531467	36.297 ng	99
6) Aniline	6.51	93	1510599	38.828 ng	100
8) 2-Chlorophenol	6.63	128	957867	41.329 ng	96
9) Benzaldehyde	6.39	77	687314	38.436 ng	99
10) Phenol	6.49	94	1268309	42.167 ng	99
11) bis(2-Chloroethyl)ether	6.58	93	979225	40.706 ng	95
12) 1,3-Dichlorobenzene	6.79	146	1059343	42.232 ng	100
13) 1,4-Dichlorobenzene	6.86	146	1042927	41.567 ng	99
14) 1,2-Dichlorobenzene	7.02	146	980981	41.830 ng	98
15) Benzyl Alcohol	6.99	79	869007	40.983 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1956182	40.315 ng	98
17) 2-Methylphenol	7.10	107	861688	40.579 ng	99
18) Hexachloroethane	7.36	117	399581	43.458 ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	705059	41.497 ng	95
20) 3+4-Methylphenols	7.25	107	1049477	40.327 ng	94
22) Acetophenone	7.26	105	1248130	40.132 ng	# 89
24) Nitrobenzene	7.43	77	1060500	41.435 ng	96
25) Isophorone	7.67	82	1993517	41.034 ng	98
26) 2-Nitrophenol	7.75	139	505198	50.132 ng	97
27) 2,4-Dimethylphenol	7.78	122	816840	39.200 ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1214615	42.280 ng	99
29) 2,4-Dichlorophenol	7.99	162	806966	42.147 ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	899281	42.471 ng	99
31) Naphthalene	8.16	128	2703226	40.358 ng	99
32) Benzoic acid	7.91	122	688865	51.393 ng	98
33) 4-Chloroaniline	8.20	127	1218271	39.694 ng	97
34) Hexachlorobutadiene	8.27	225	539116	45.507 ng	97
35) Caprolactam	8.58	113	251301m	40.105 ng	
36) 4-Chloro-3-methylphenol	8.68	107	867014	41.432 ng	100
37) 2-Methylnaphthalene	8.85	142	1838276	41.818 ng	99
38) 1-Methylnaphthalene	8.95	142	1736121	41.726 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	846586	42.407 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119500.D
 Acq On : 25 Mar 2020 11:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

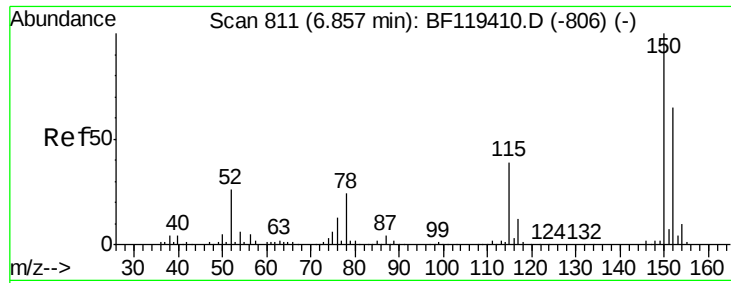
Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:11:36 AM

Quant Time: Mar 25 14:07:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	450729	39.714	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	622535	43.576	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	678600	42.402	nq	99
46) 1,1'-Biphenyl	9.32	154	2276053	41.031	nq	98
47) 2-Chloronaphthalene	9.34	162	1769600	40.726	nq	99
48) 2-Nitroaniline	9.43	65	660644	44.049	nq	97
49) Acenaphthylene	9.76	152	2736677	40.107	nq	99
50) Dimethylphthalate	9.62	163	2065054	42.686	nq	99
51) 2,6-Dinitrotoluene	9.67	165	464768	44.820	nq	94
52) Acenaphthene	9.93	154	1760587	41.388	nq	99
53) 3-Nitroaniline	9.85	138	547026	41.785	nq	98
54) 2,4-Dinitrophenol	9.95	184	214430	50.718	nq	94
55) Dibenzofuran	10.10	168	2477885	40.628	nq	98
56) 4-Nitrophenol	9.99	139	425607	41.211	nq	88
57) 2,4-Dinitrotoluene	10.08	165	617560	47.276	nq	100
58) Fluorene	10.45	166	1867755	41.413	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	524705	43.862	nq	98
60) Diethylphthalate	10.32	149	2195544	44.715	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	951235	43.130	nq	98
62) 4-Nitroaniline	10.46	138	531908	42.370	nq	99
63) Azobenzene	10.59	77	2030238	41.060	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	291734	53.432	nq	94
66) n-Nitrosodiphenylamine	10.55	169	1760002	41.175	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	646273	43.582	nq	93
68) Hexachlorobenzene	10.99	284	657801	43.342	nq	93
69) Atrazine	11.08	200	521071	44.466	nq	99
70) Pentachlorophenol	11.18	266	408406	45.893	nq	97
71) Phenanthrene	11.40	178	2738657	40.563	nq	99
72) Anthracene	11.46	178	2799151	40.793	nq	99
73) Carbazole	11.61	167	2701457	39.775	nq	98
74) Di-n-butylphthalate	11.95	149	3418549	47.052	nq	98
75) Fluoranthene	12.59	202	2996676	41.012	nq	99
77) Benzidine	12.72	184	1293302	31.827	nq	99
78) Pyrene	12.83	202	3089561	39.207	nq	99
80) Butylbenzylphthalate	13.45	149	1568352	49.208	nq	99
81) Benzo(a)anthracene	14.02	228	2454331	39.307	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	1030873	41.873	nq	97
83) Chrysene	14.05	228	2548963	39.556	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	2084206	54.857	nq	99
85) Di-n-octyl phthalate	14.62	149	3701071	55.389	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2235911	36.842	nq	97
88) Benzo(b)fluoranthene	15.06	252	2386009	42.008	nq	99
89) Benzo(k)fluoranthene	15.09	252	2369474	43.811	nq	100
90) Benzo(a)pyrene	15.43	252	2132396	41.311	nq	98
91) Dibenzo(a,h)anthracene	16.98	278	1840678	40.770	nq	98
92) Benzo(g,h,i)perylene	17.40	276	1765000	38.913	nq	97

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



#1

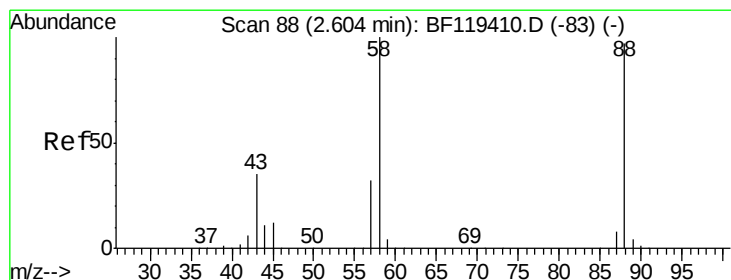
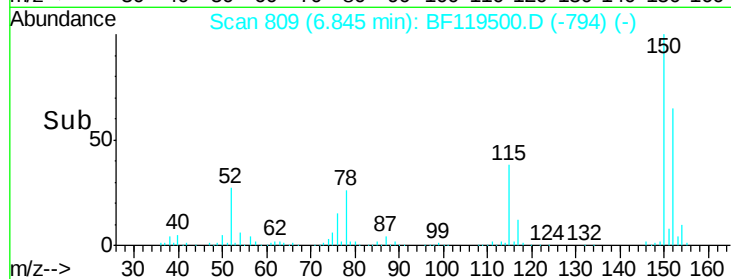
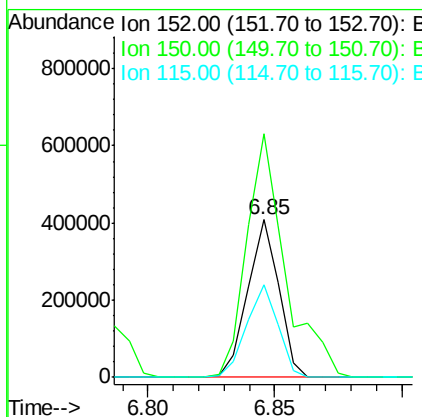
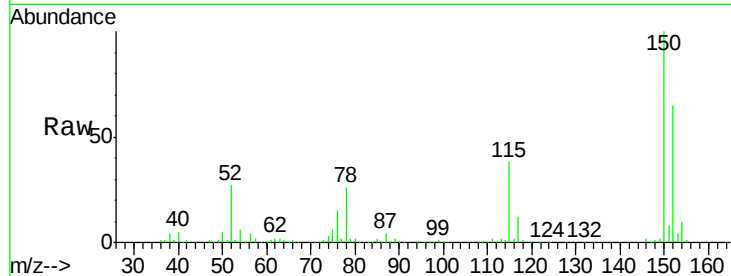
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.9	185.9
115	59.1	47.8	71.6

Manual Integrations
APPROVED

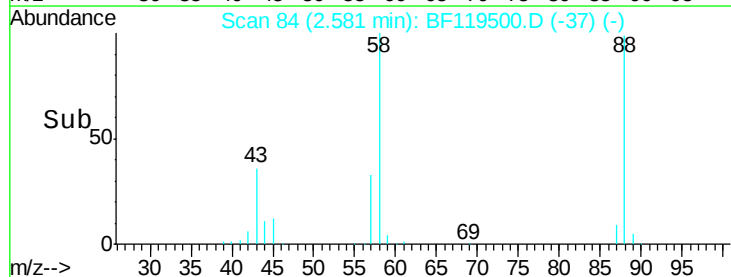
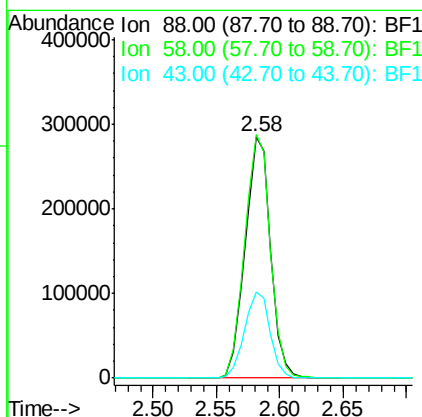
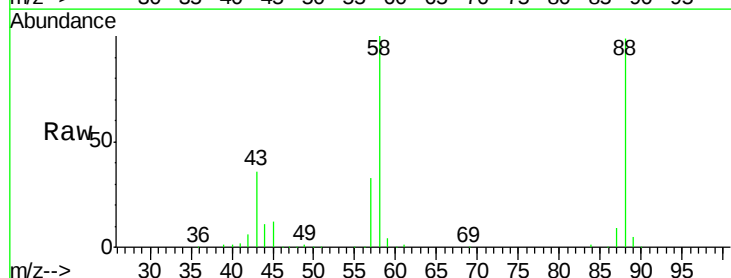
mohammad
3/27/2020 8:11:36 AM

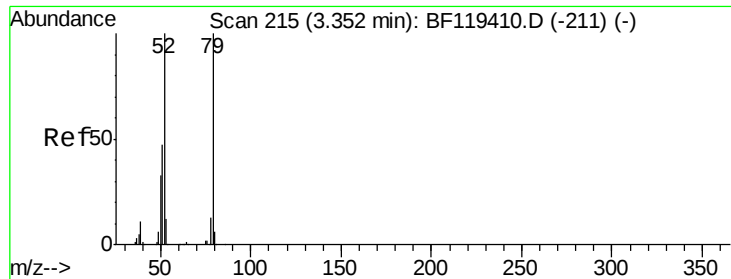


#2

1,4-Dioxane
Concen: 36.344 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.9	79.4	119.2
43	36.0	28.4	42.6





#3

Pvridine

Concen: 36.482 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.02 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

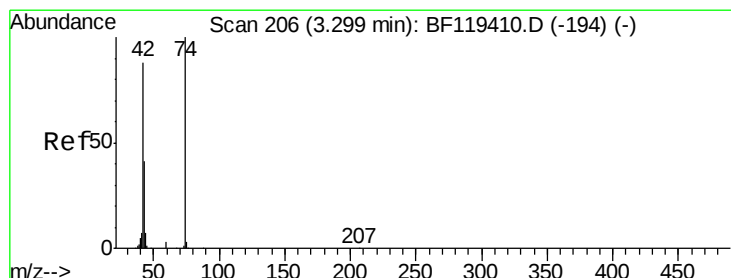
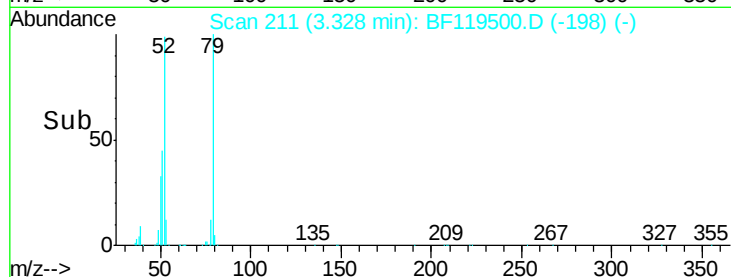
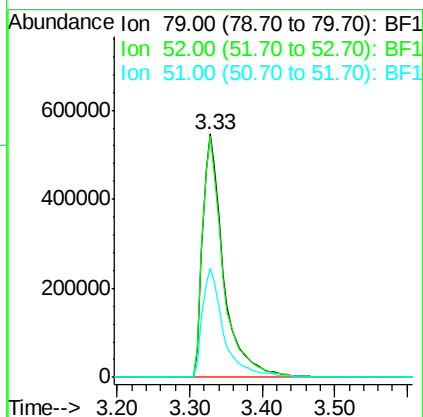
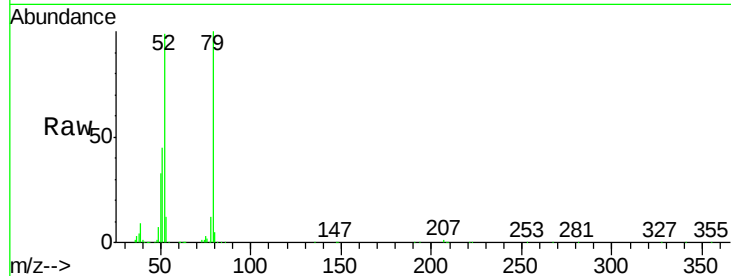
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	1095361
Ion	Ratio	Lower	Upper
79	100		
52	98.9	80.0	120.0
51	45.1	37.9	56.9

Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM



#4

n-Nitrosodimethylamine

Concen: 36.297 ng

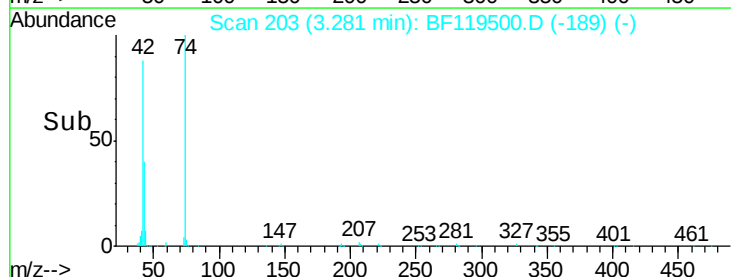
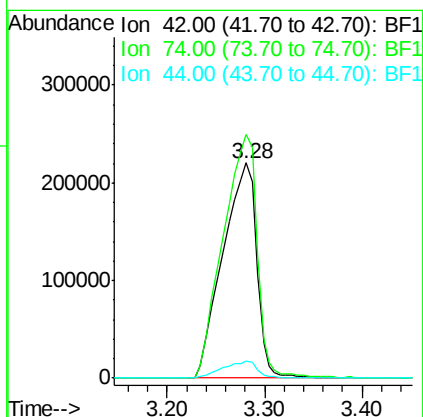
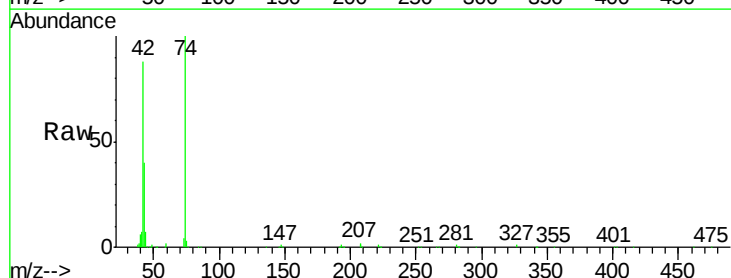
RT: 3.28 min Scan# 203

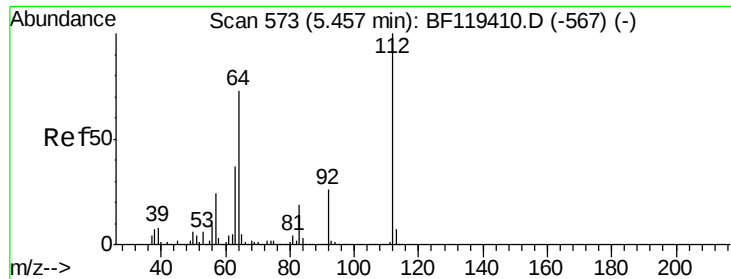
Delta R.T. -0.02 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion:	42	Resp:	531467
Ion	Ratio	Lower	Upper
42	100		
74	113.0	91.3	136.9
44	8.2	7.1	10.7





#5

2-Fluorophenol

Concen: 79.155 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1746685

Ion Ratio Lower Upper

112 100

64 72.8 58.1 87.1

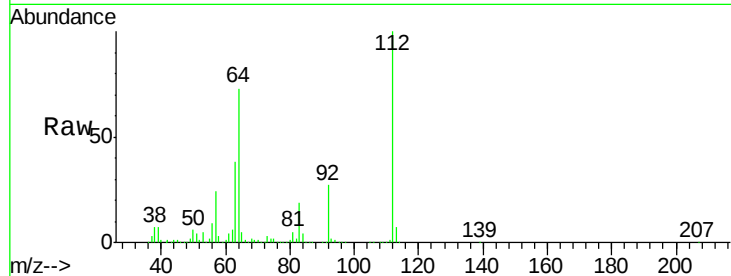
63 37.8 29.7 44.5

Manual Integrations

APPROVED

mohammad

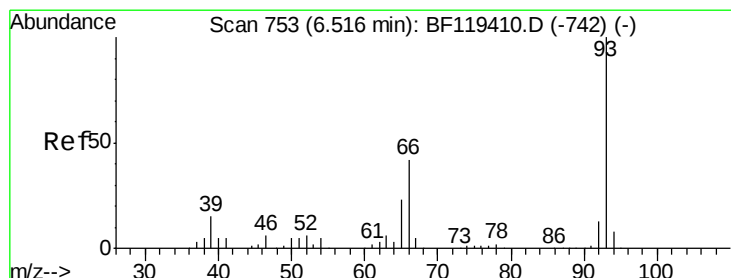
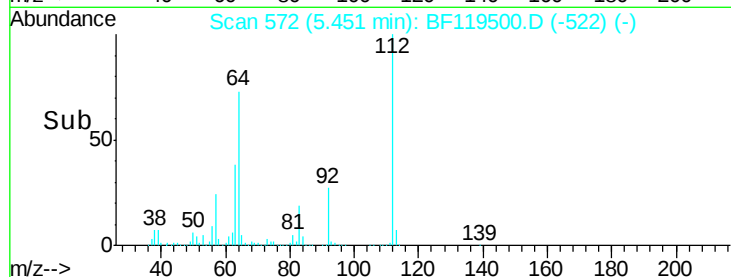
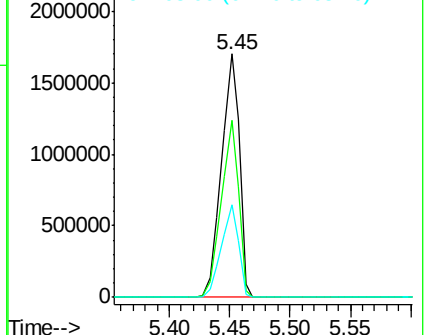
3/27/2020 8:11:36 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.828 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

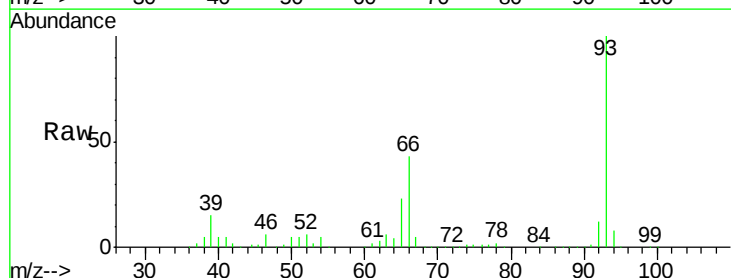
Tgt Ion: 93 Resp: 1510599

Ion Ratio Lower Upper

93 100

66 43.1 34.2 51.4

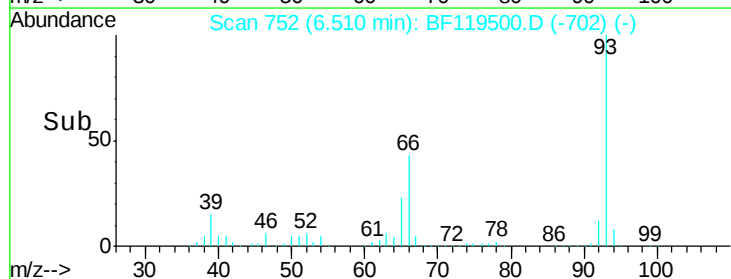
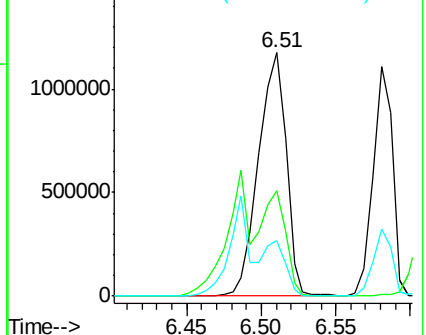
65 22.6 18.2 27.4

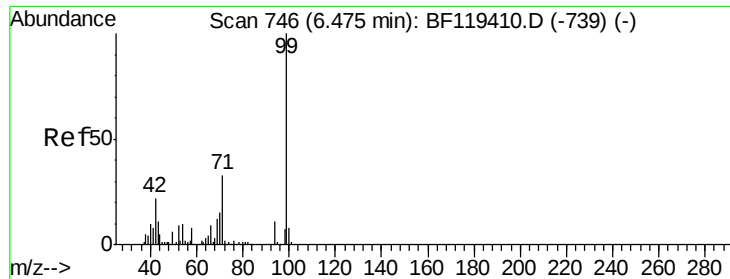


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.494 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 2212648

Ion Ratio Lower Upper

99 100

42 21.3 17.8 26.6

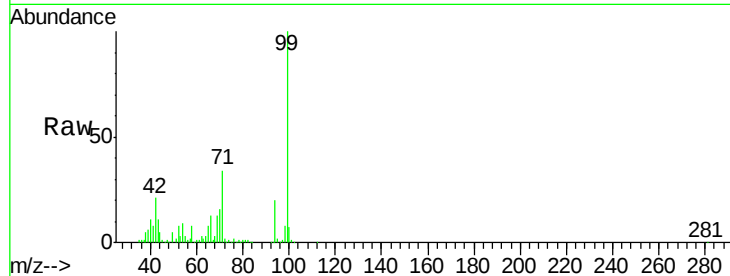
71 33.7 26.0 39.0

Manual Integrations

APPROVED

mohammad

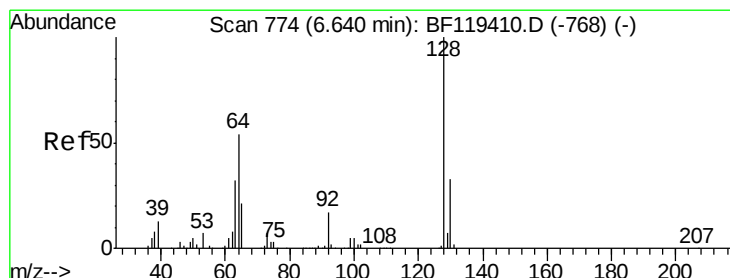
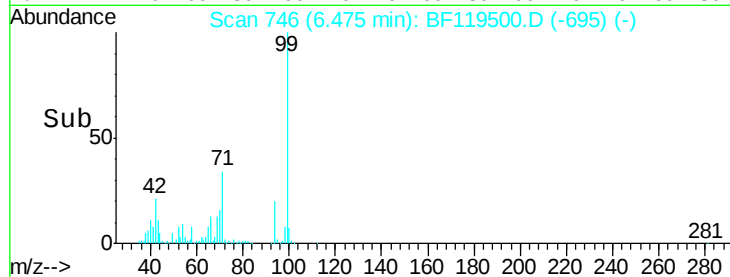
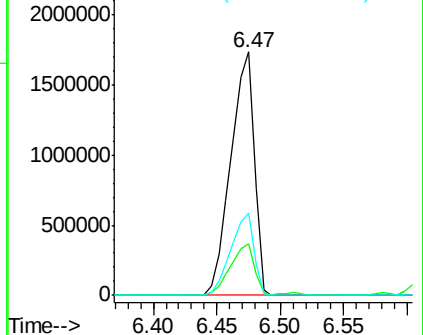
3/27/2020 8:11:36 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.329 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

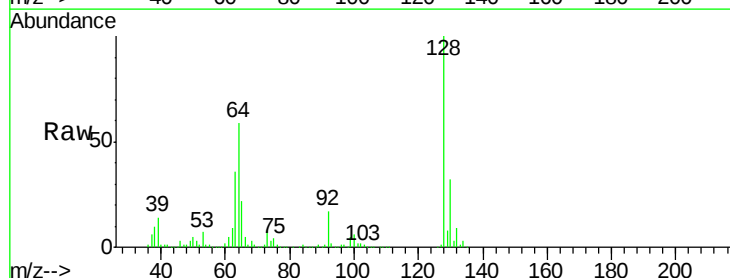
Tgt Ion: 128 Resp: 957867

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

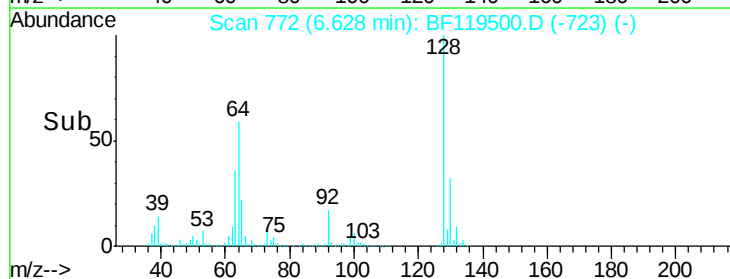
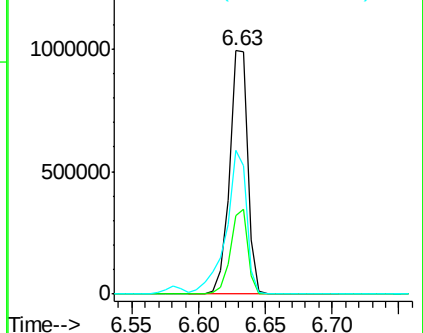
64 58.9 35.1 75.1

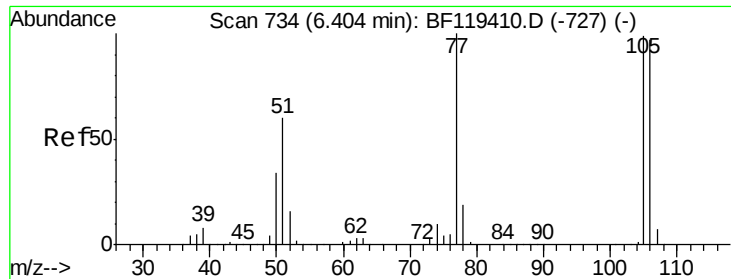


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.436 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 687314

Ion Ratio Lower Upper

77 100

105 98.7 78.6 118.6

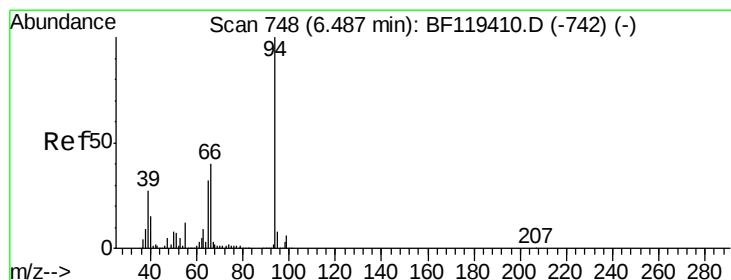
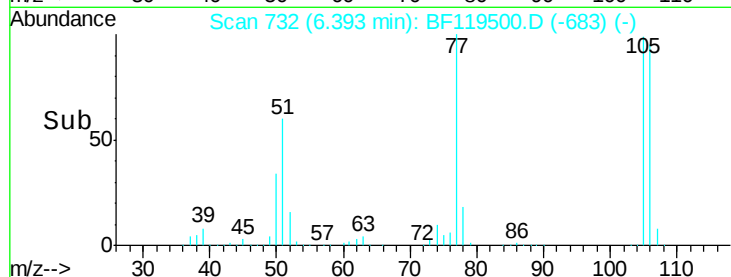
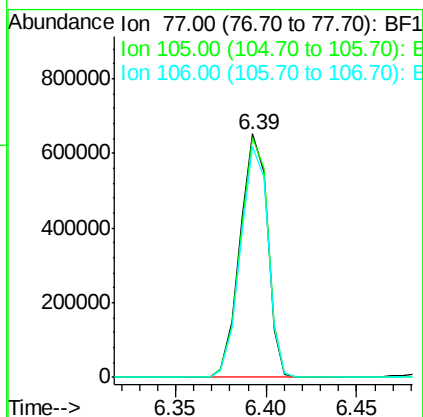
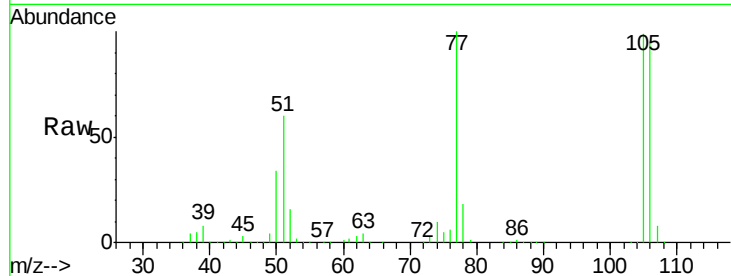
106 94.6 76.5 116.5

Manual Integrations

APPROVED

mohammad

3/27/2020 8:11:36 AM



#10

Phenol

Concen: 42.167 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

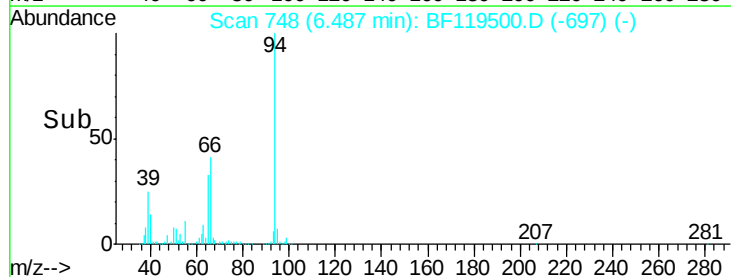
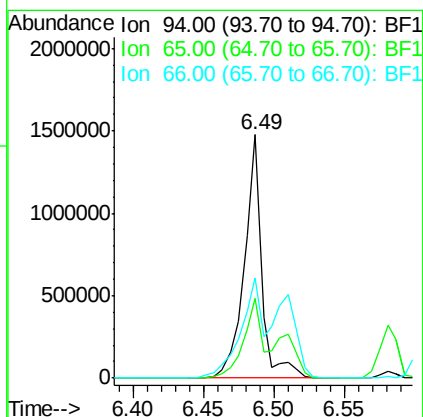
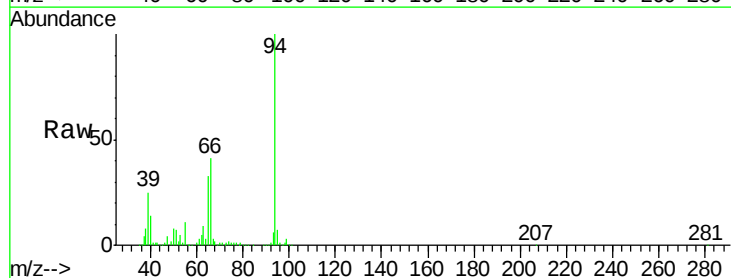
Tgt Ion: 94 Resp: 1268309

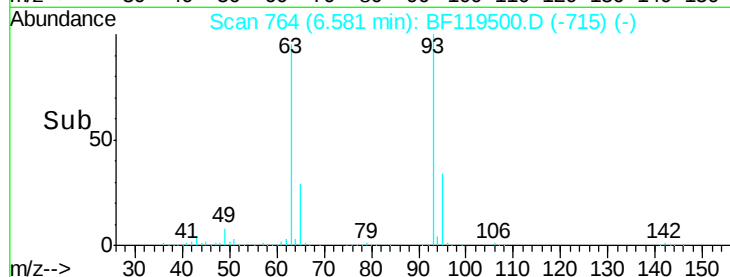
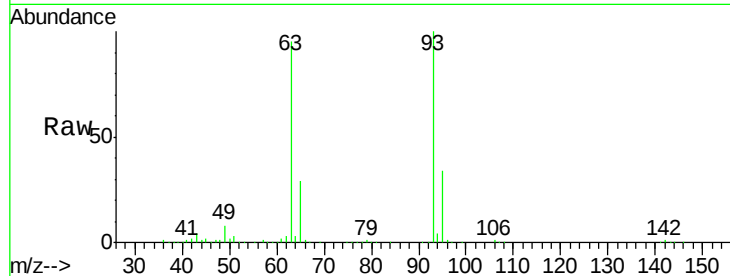
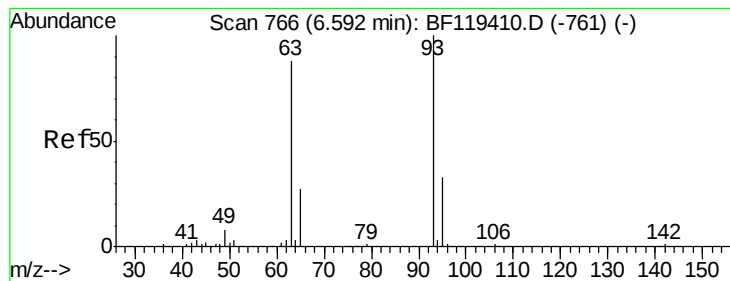
Ion Ratio Lower Upper

94 100

65 32.9 12.0 52.0

66 41.3 20.6 60.6





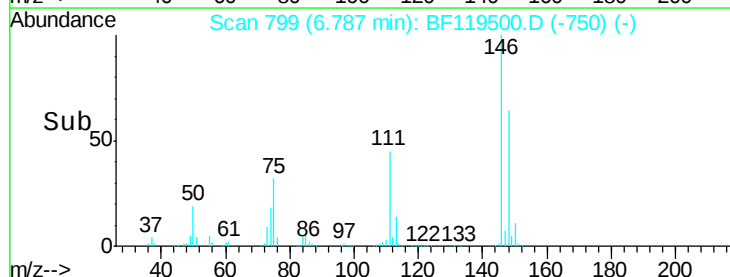
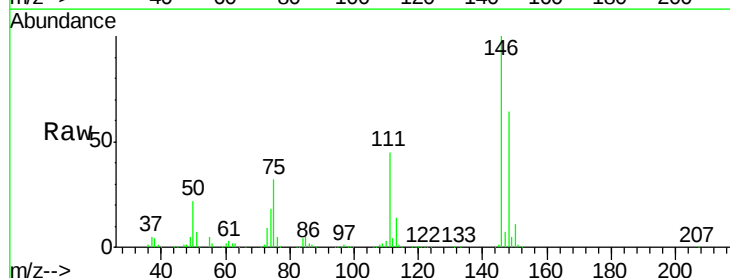
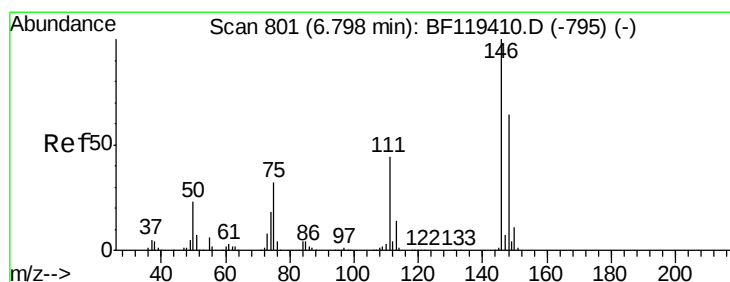
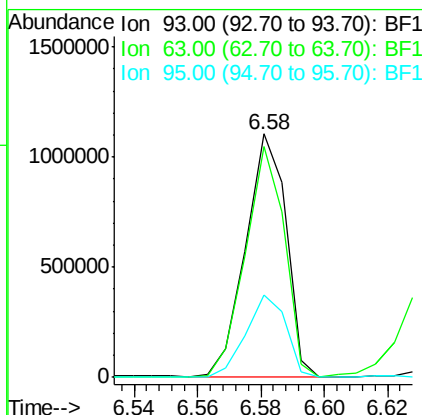
#11
bis(2-Chloroethyl)ether
Concen: 40.706 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tot Ion	Ratio	Resp	Lower	Upper
93	100	979225		
63	94.6		68.4	108.4
95	33.6		13.4	53.4

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

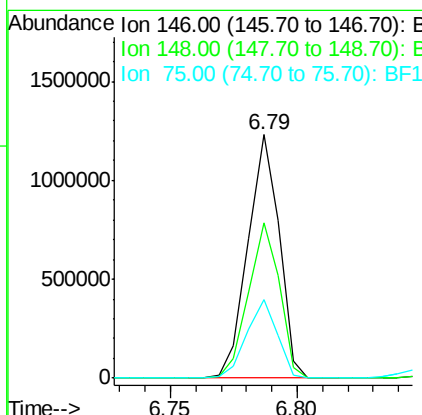
Manual Integrations
APPROVED

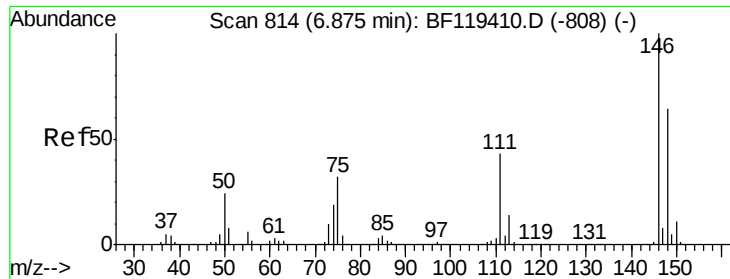
mohammad
3/27/2020 8:11:36 AM



#12
1,3-Dichlorobenzene
Concen: 42.232 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1059343		
148	63.8		51.4	77.0
75	32.3		25.8	38.8





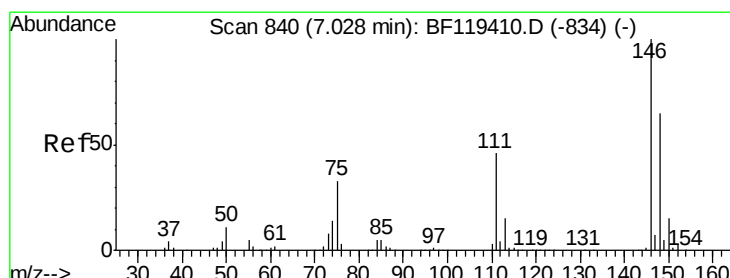
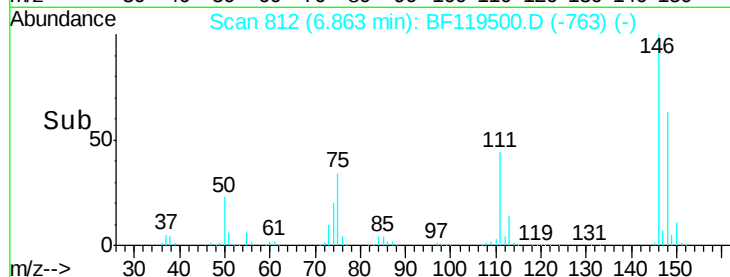
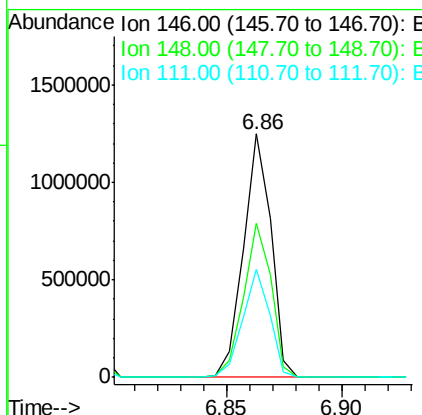
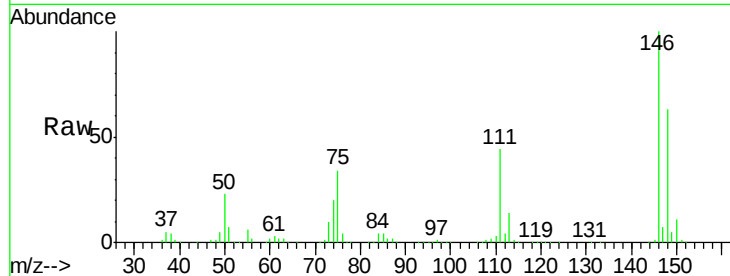
#13
 1,4-Dichlorobenzene
 Concen: 41.567 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.9	76.3
111	44.2	34.6	52.0

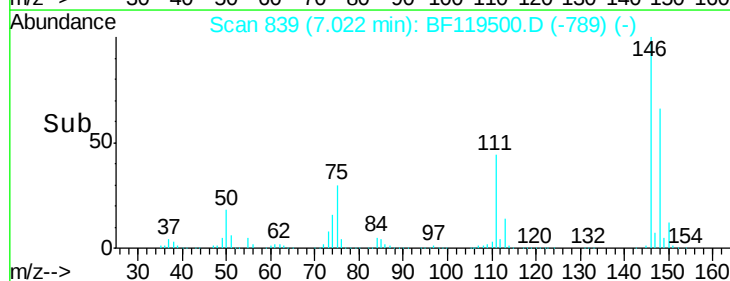
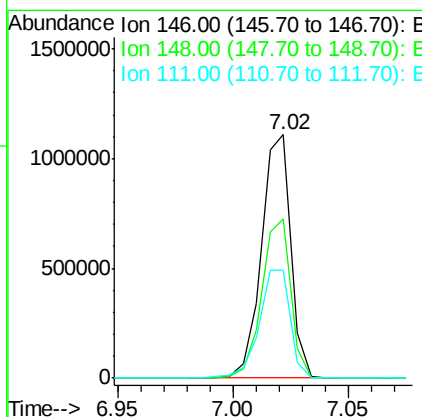
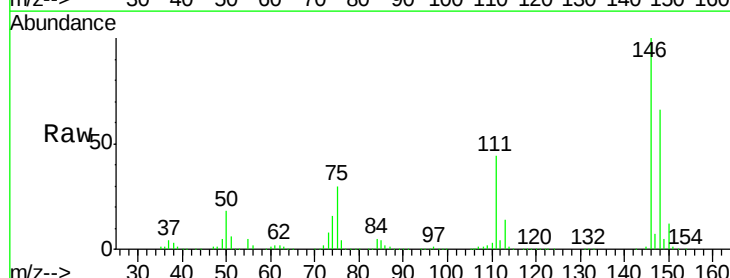
Manual Integrations
 APPROVED

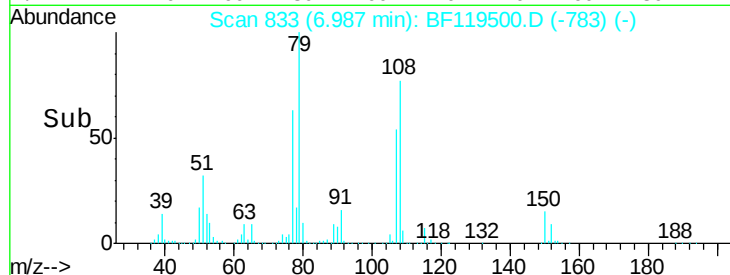
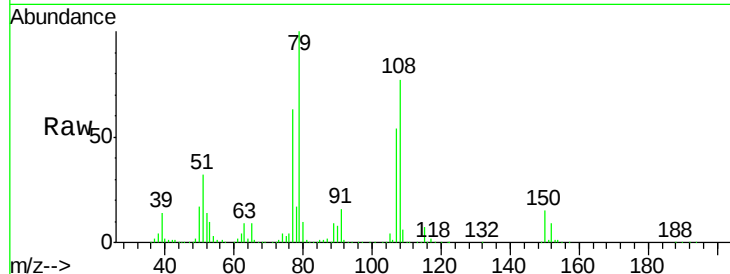
mohammad
 3/27/2020 8:11:36 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.830 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.7	77.5
111	44.2	36.4	54.6





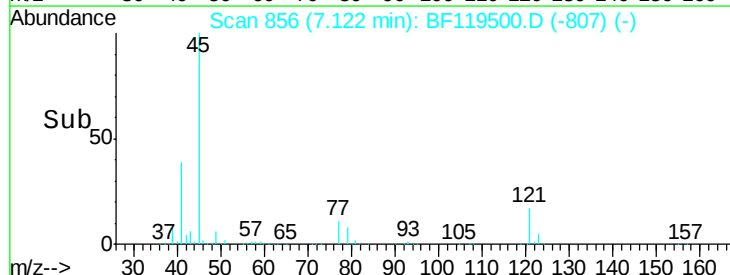
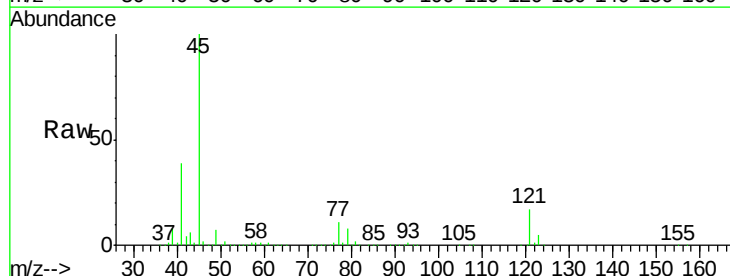
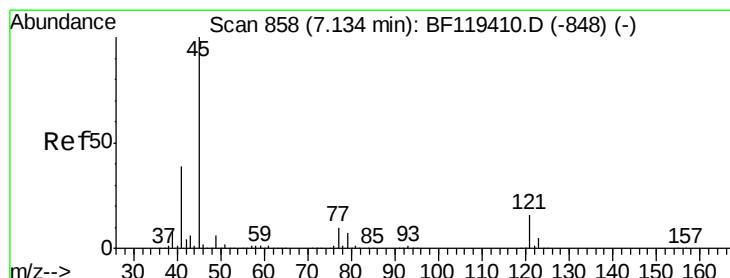
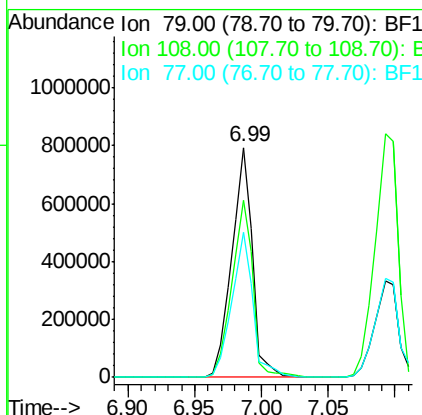
#15
Benzyl Alcohol
Concen: 40.983 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tot Ion: 79 Resp: 869007
Ion Ratio Lower Upper
79 100
108 77.1 60.4 90.6
77 63.0 49.0 73.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

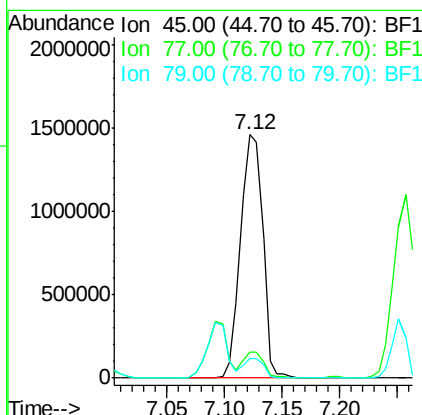
Manual Integrations
APPROVED

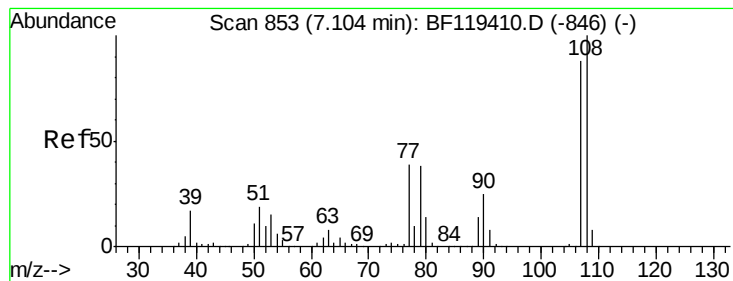
mohammad
3/27/2020 8:11:36 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.315 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion: 45 Resp: 1956182
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.1
79 8.1 0.0 27.4





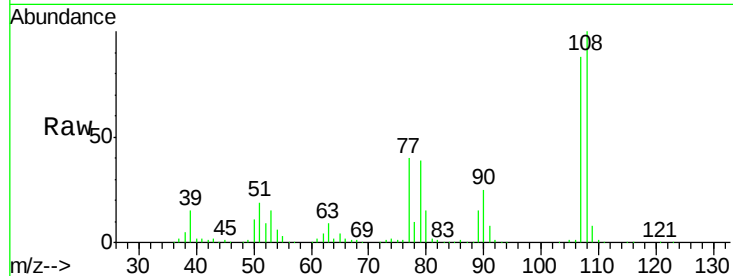
#17
2-Methylphenol
Concen: 40.579 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.7	136.1
77	45.5	35.6	53.4
79	44.5	34.7	52.1

Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM



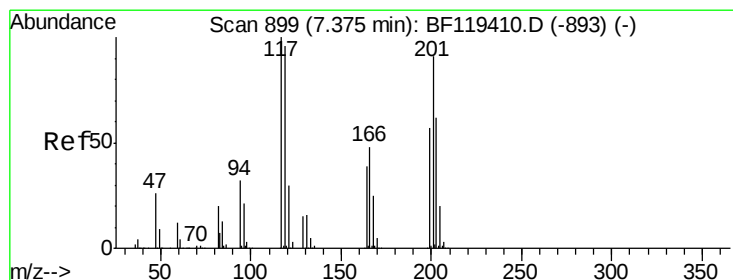
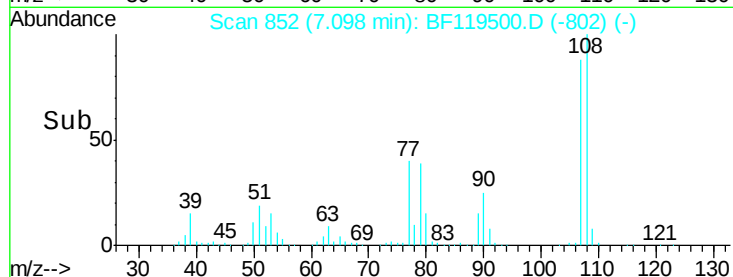
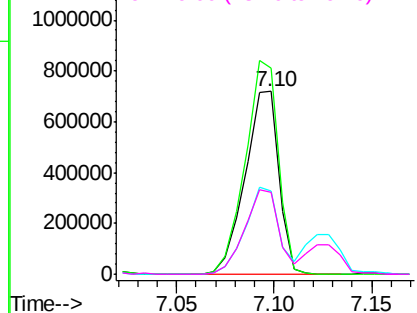
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

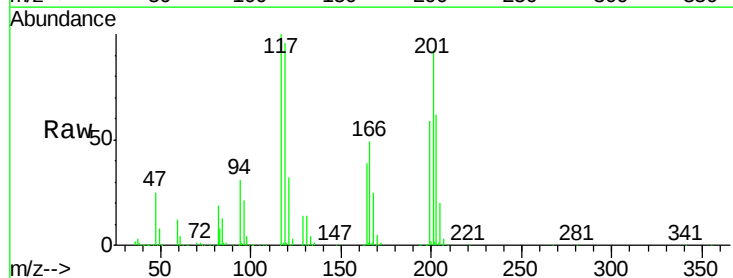
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.458 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.8	115.2
201	92.4	72.5	108.7

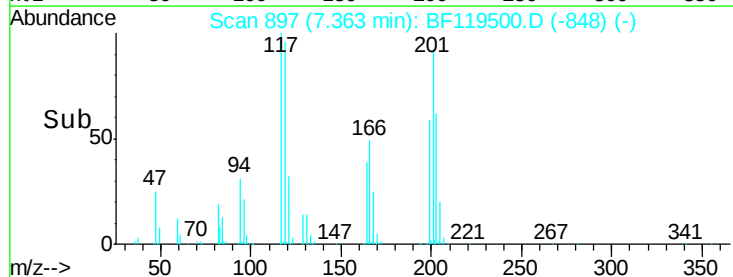
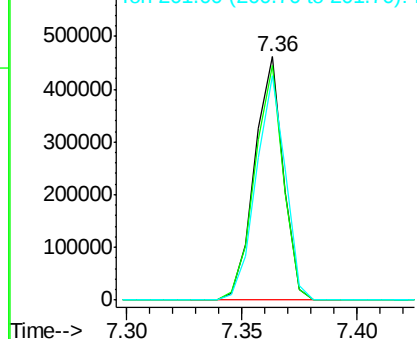


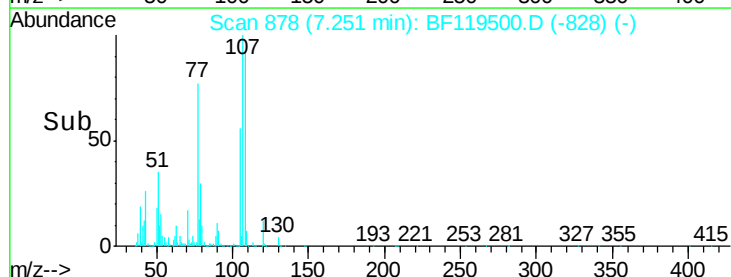
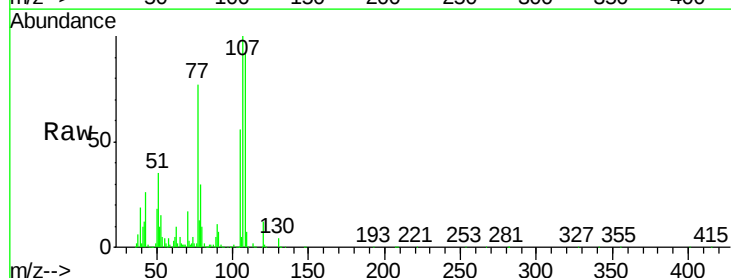
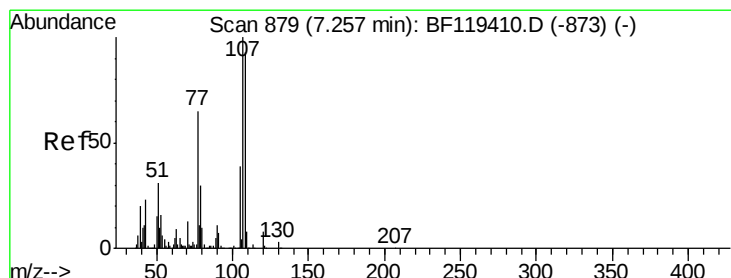
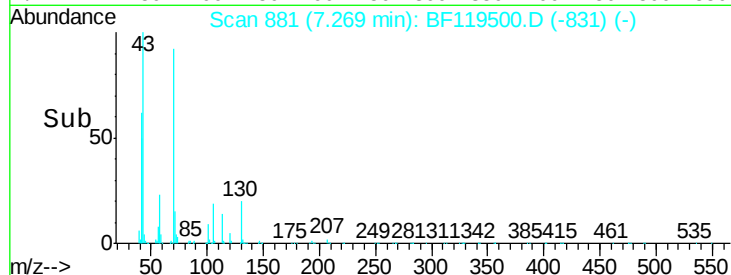
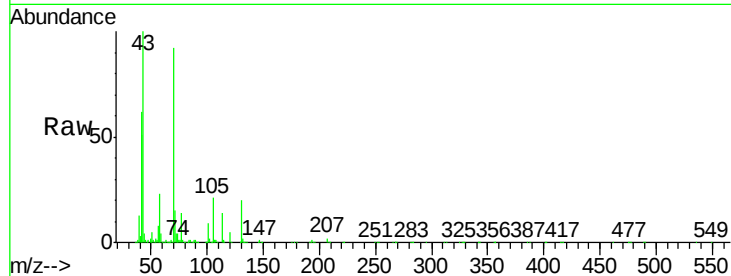
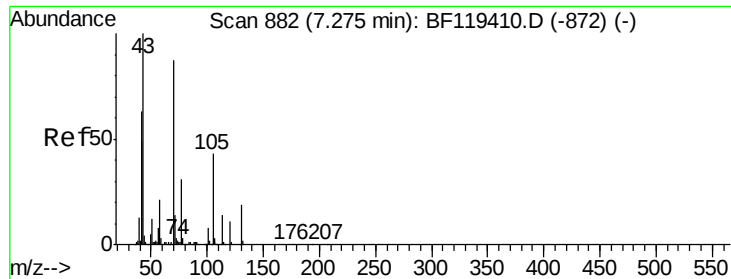
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





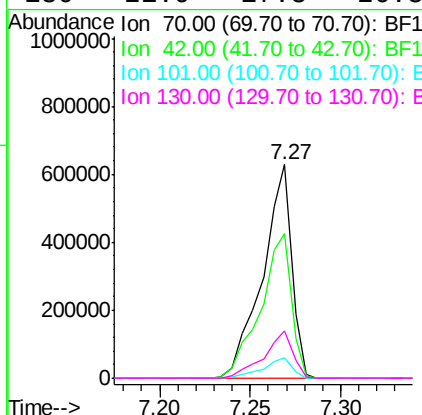
#19
n-Nitroso-di-n-propylamine
Concen: 41.497 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.6	58.2	87.4
101	9.6	7.4	11.2
130	21.9	17.8	26.8

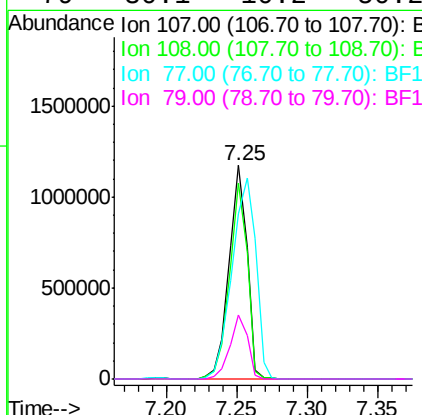
Manual Integrations
APPROVED

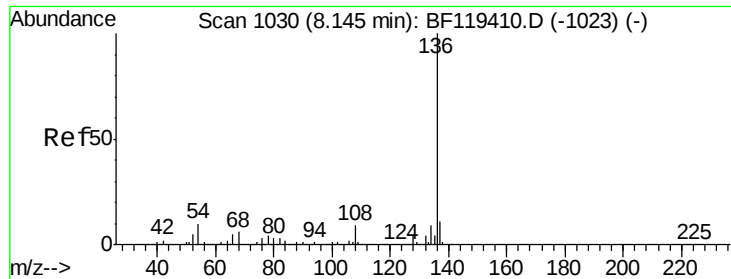
mohammad
3/27/2020 8:11:36 AM



#20
3+4-Methylphenols
Concen: 40.327 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	72.6	112.6
77	77.2	44.7	84.7
79	30.1	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1301583

Ion Ratio Lower Upper

136 100

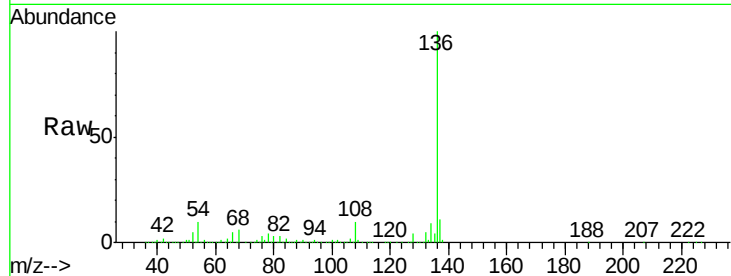
137 10.8 8.4 12.6

54 10.5 8.3 12.5

68 5.8 4.9 7.3

Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM

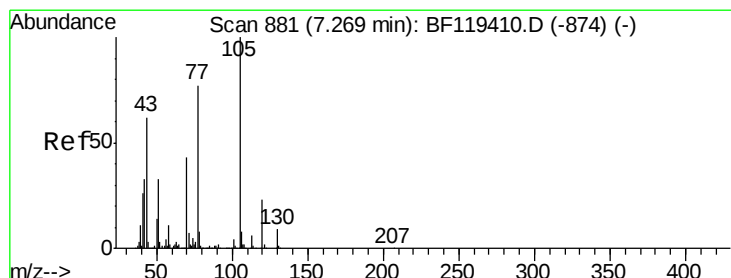
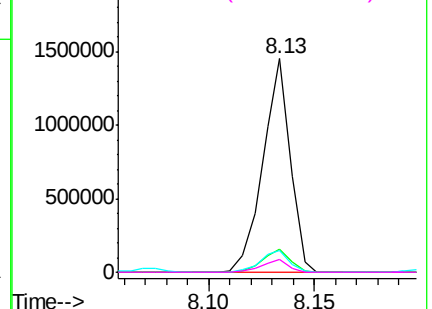
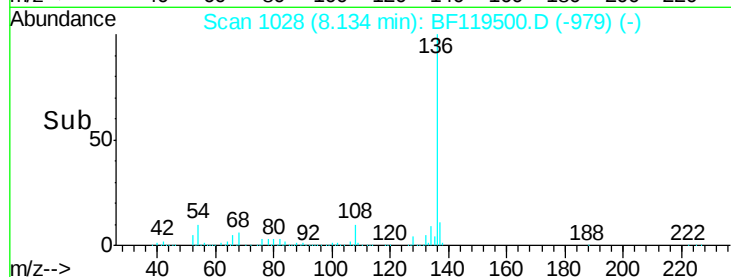


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.132 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion:105 Resp: 1248130

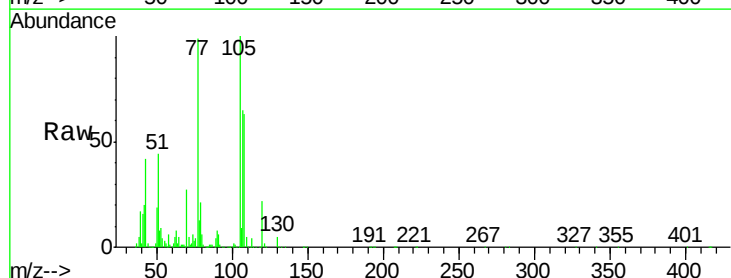
Ion Ratio Lower Upper

105 100

71 4.6 5.8 8.6#

51 43.7 26.8 40.2#

120 22.2 18.0 27.0

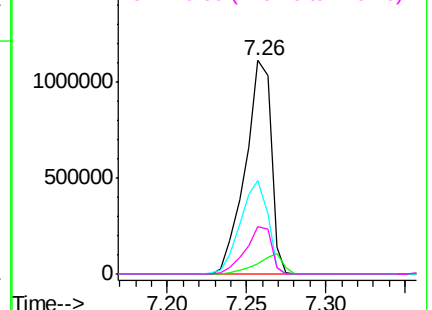
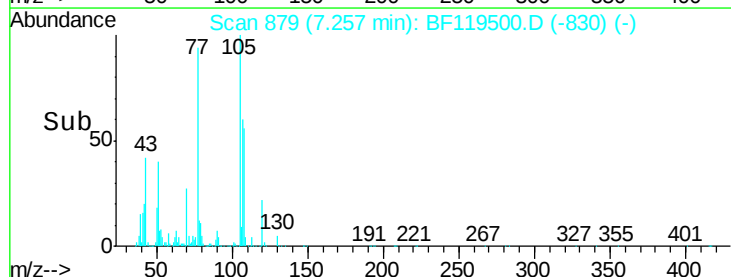


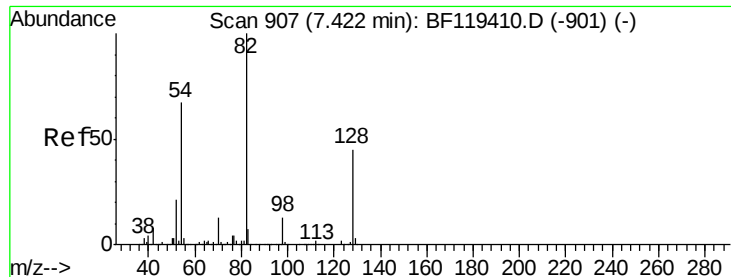
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





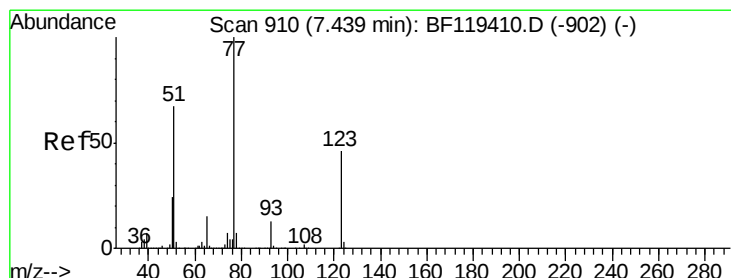
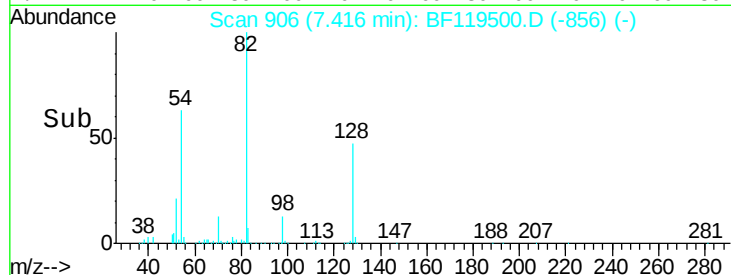
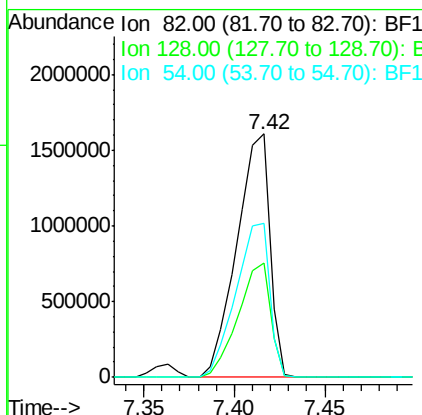
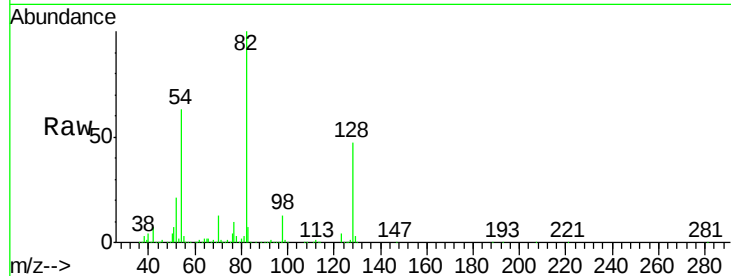
#23
Nitrobenzene-d5
Concen: 85.274 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 2042247
Ion Ratio Lower Upper
82 100
128 47.0 35.8 53.8
54 63.1 53.4 80.0

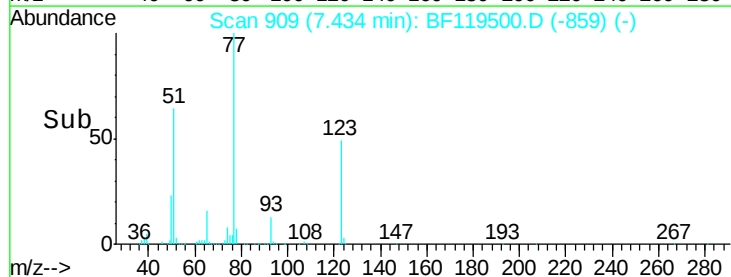
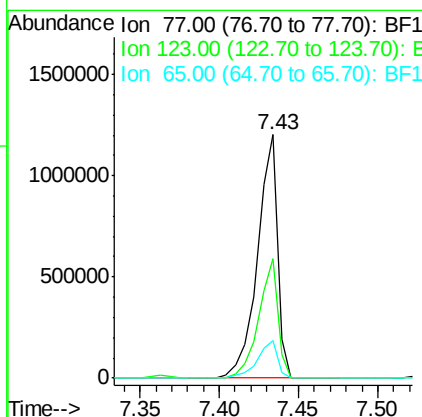
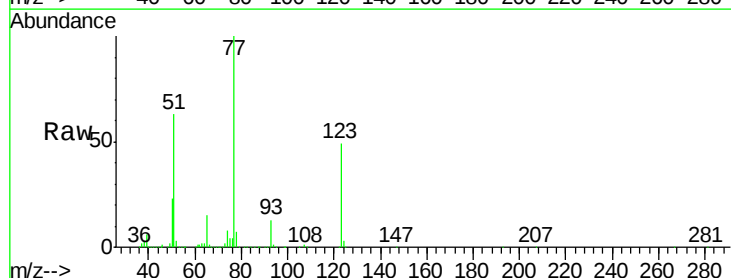
Manual Integrations
APPROVED

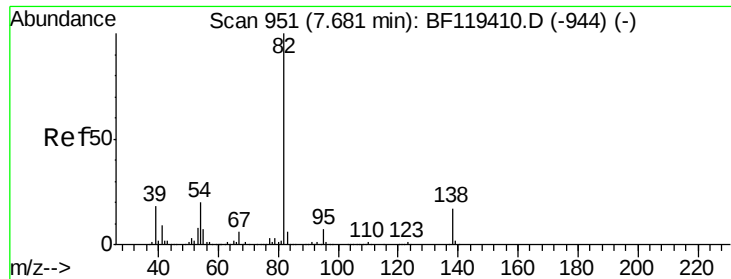
mohammad
3/27/2020 8:11:36 AM



#24
Nitrobenzene
Concen: 41.435 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion: 77 Resp: 1060500
Ion Ratio Lower Upper
77 100
123 49.1 36.9 55.3
65 15.4 12.2 18.4





#25

Isophorone

Concen: 41.034 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1993517

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

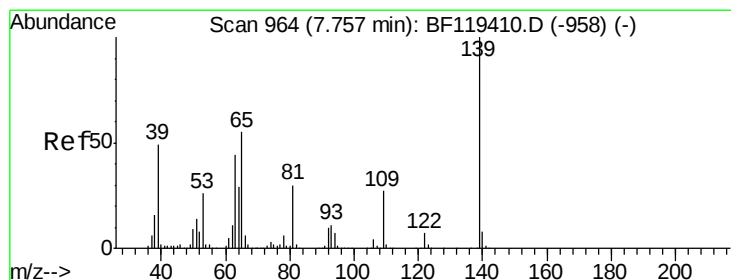
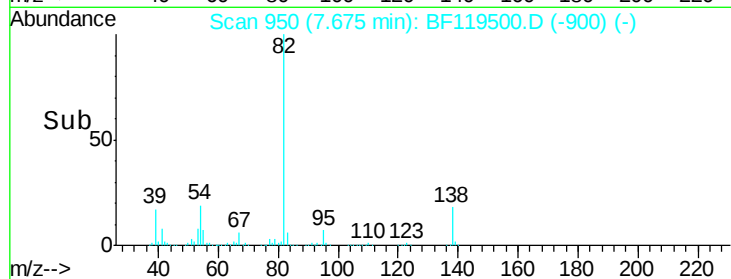
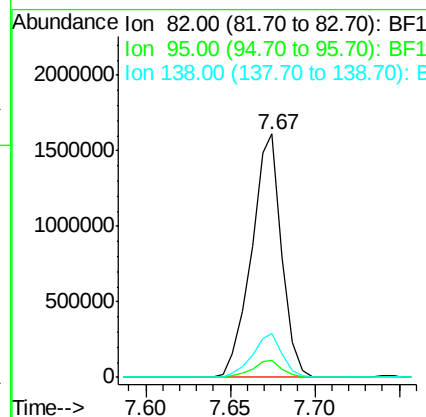
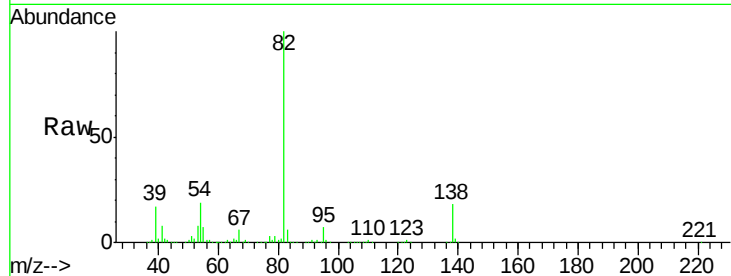
138 18.3 13.8 20.8

Manual Integrations

APPROVED

mohammad

3/27/2020 8:11:36 AM



#26

2-Nitrophenol

Concen: 50.132 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

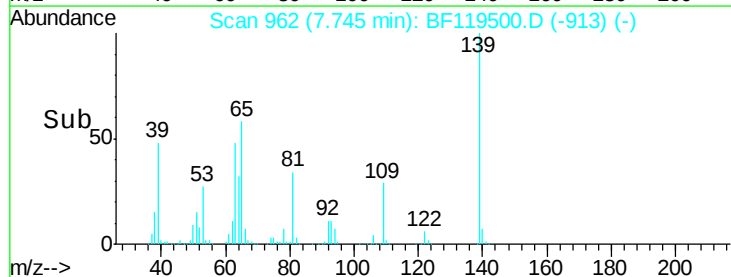
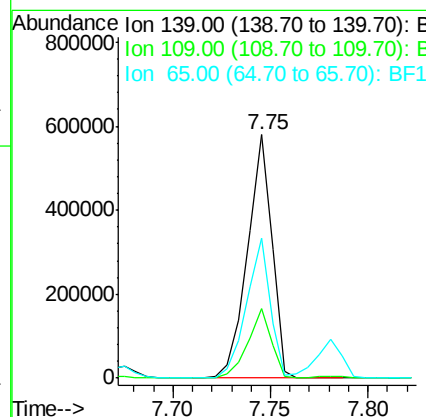
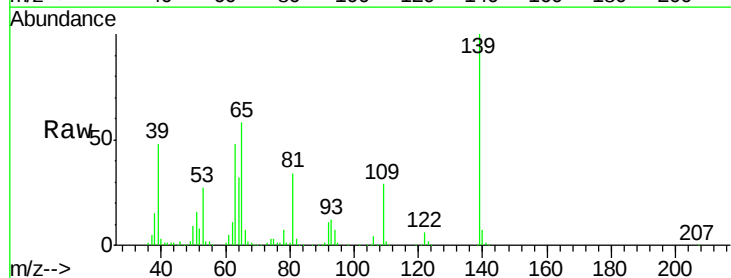
Tgt Ion: 139 Resp: 505198

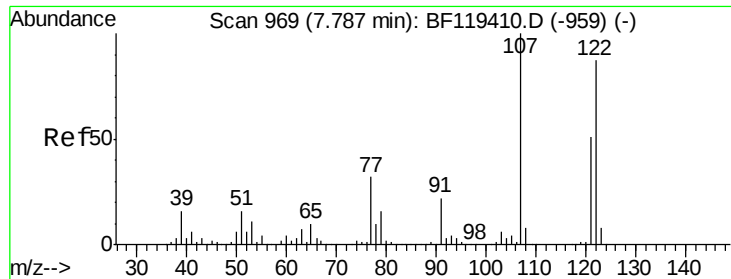
Ion Ratio Lower Upper

139 100

109 28.6 21.7 32.5

65 57.6 43.9 65.9





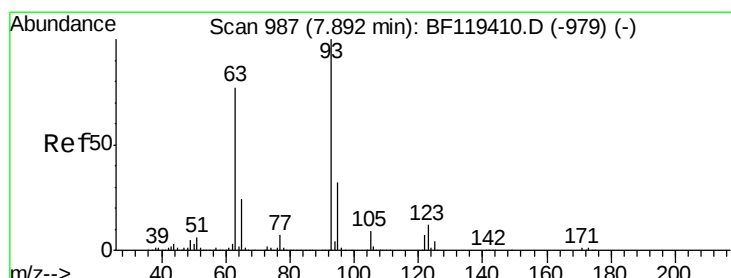
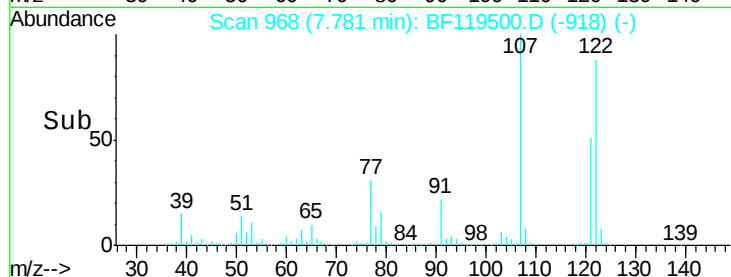
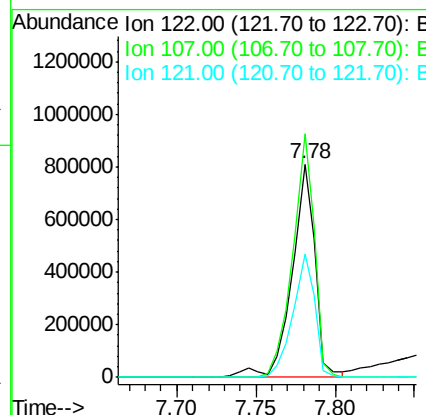
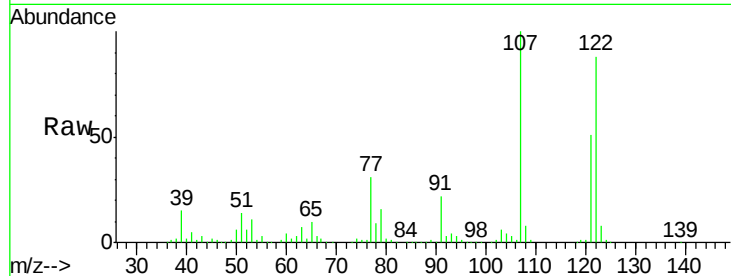
#27
2,4-Dimethylphenol
Concen: 39.200 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.8	137.6
121	57.7	46.5	69.7

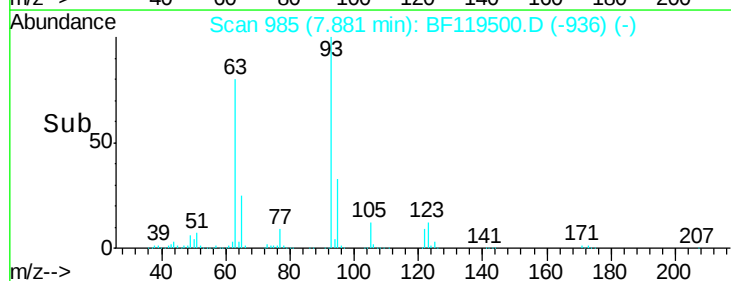
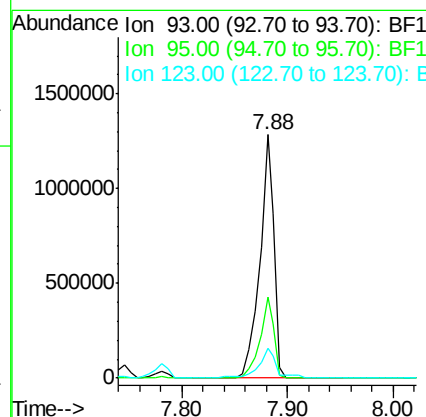
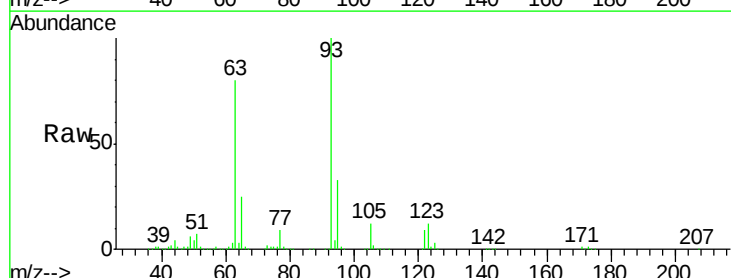
Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.280 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	12.1	9.7	14.5





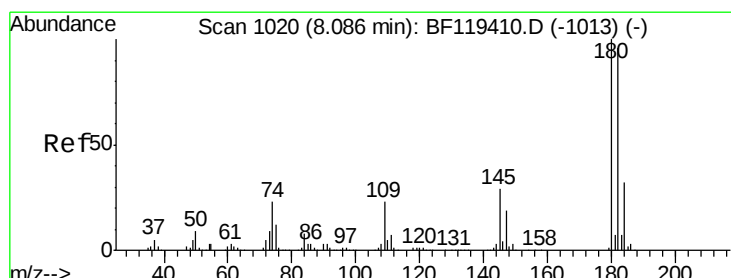
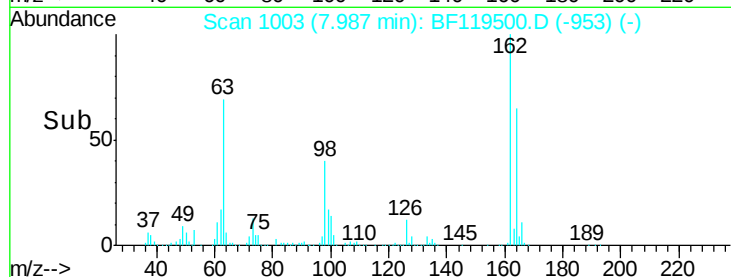
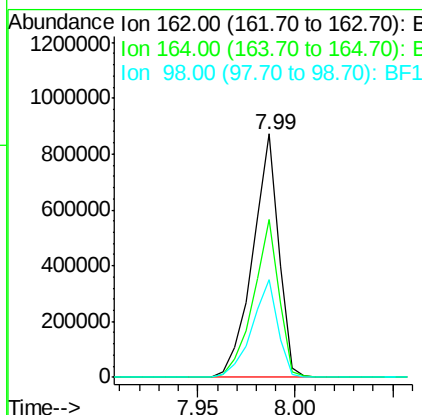
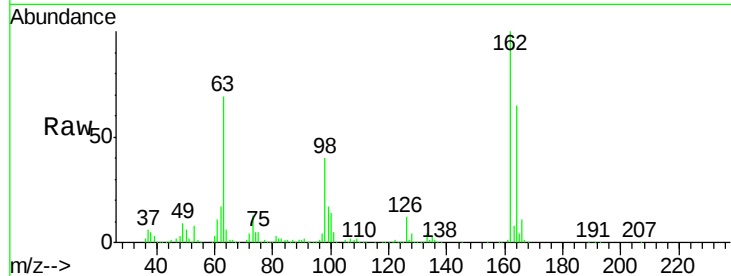
#29
 2,4-Dichlorophenol
 Concen: 42.147 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	806966
Ion Ratio	Lower	Upper	
162	100		
164	64.7	43.6	83.6
98	40.0	20.4	60.4

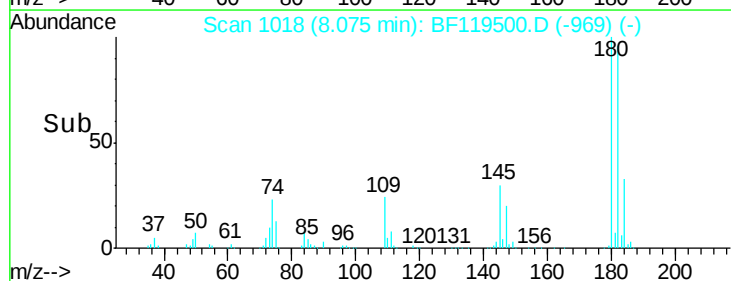
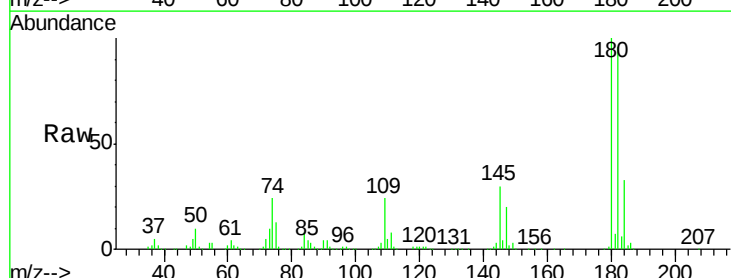
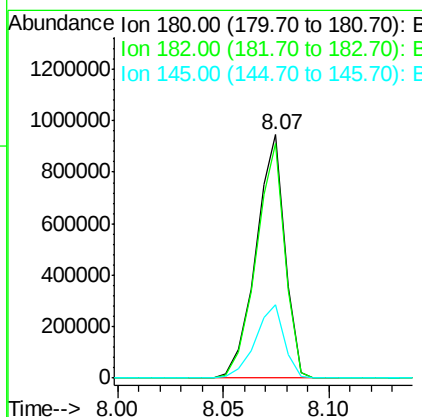
Manual Integrations
 APPROVED

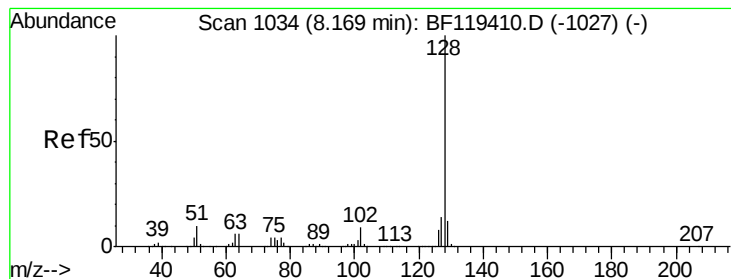
mohammad
 3/27/2020 8:11:36 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.471 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion:	180	Resp:	899281
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.6	115.0
145	30.2	23.2	34.8





#31

Naphthalene

Concen: 40.358 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2703226

Ion Ratio Lower Upper

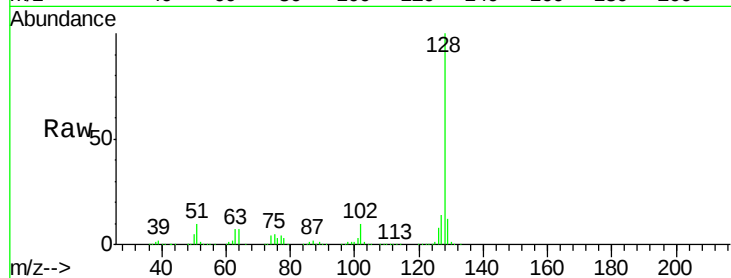
128 100

129 11.8 9.3 13.9

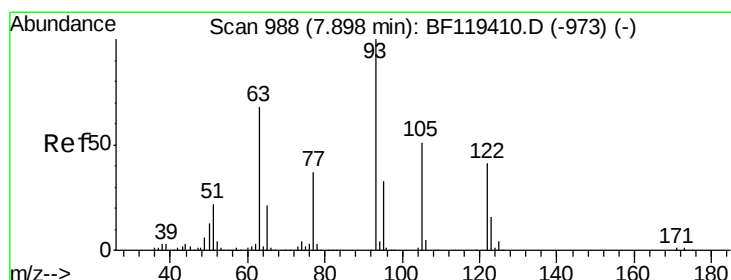
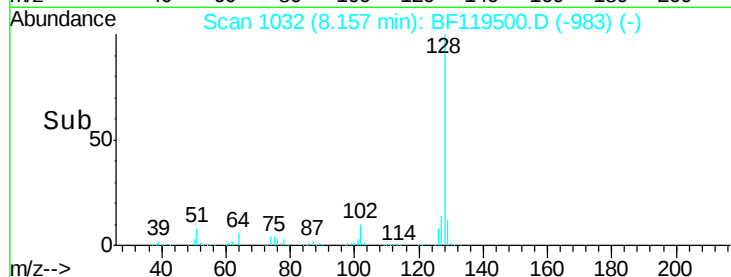
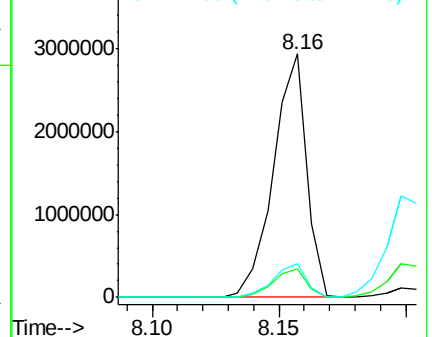
127 14.1 11.0 16.4

Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM



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



#32

Benzoic acid

Concen: 51.393 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

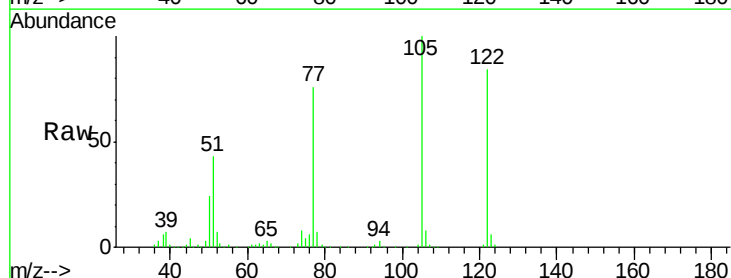
Tgt Ion:122 Resp: 688865

Ion Ratio Lower Upper

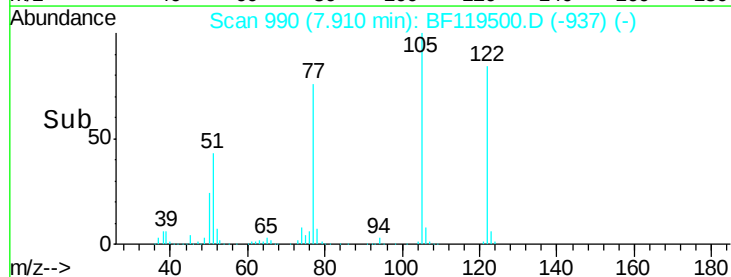
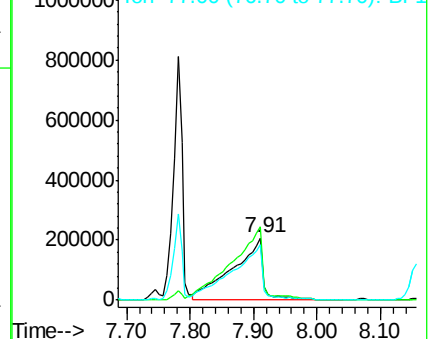
122 100

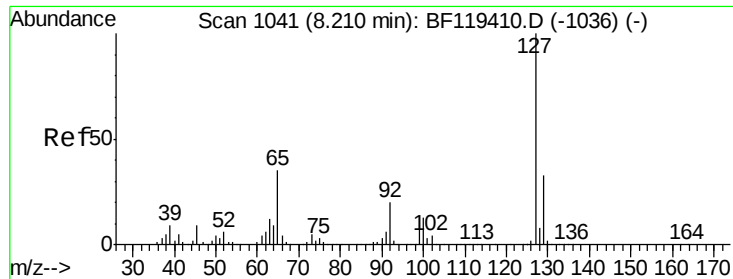
105 118.4 102.9 142.9

77 90.1 70.1 110.1



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





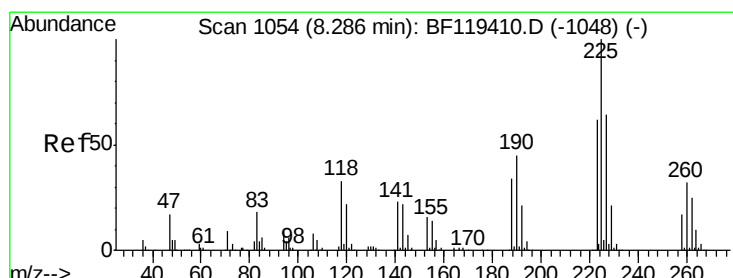
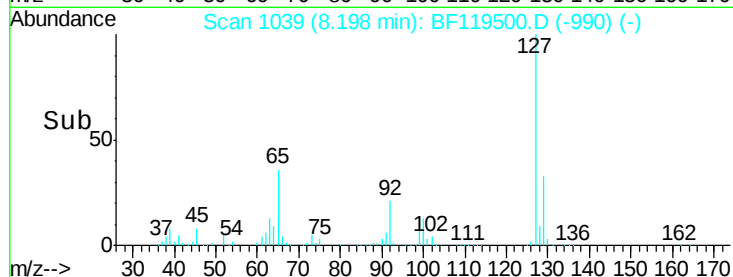
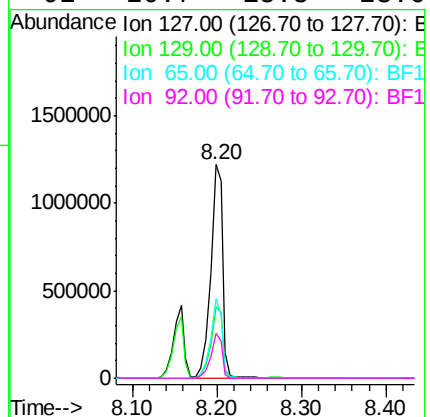
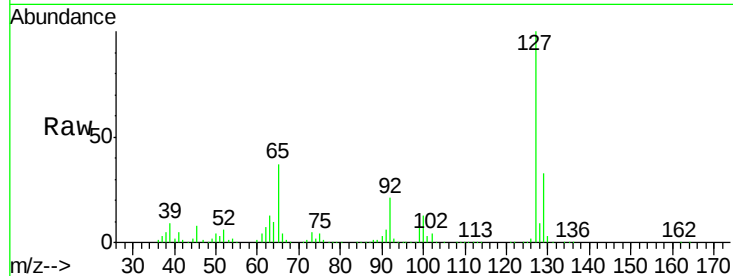
#33
4-Chloroaniline
Concen: 39.694 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.2	39.4		
65	36.9	27.7	41.5		
92	20.7	15.8	23.6		

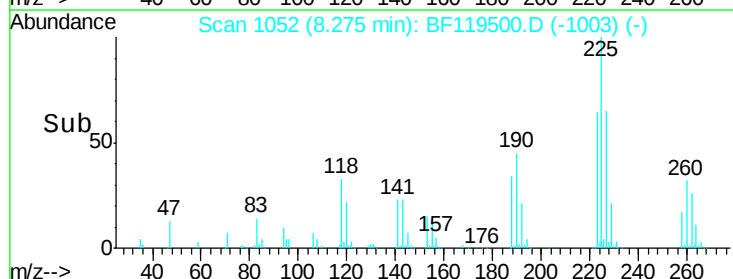
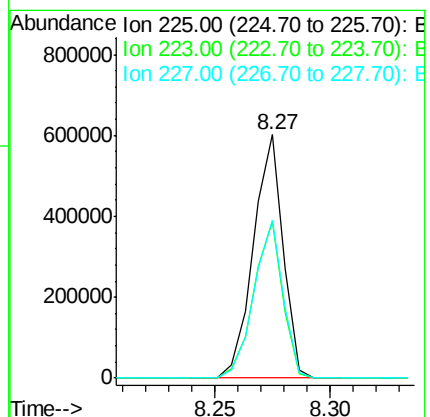
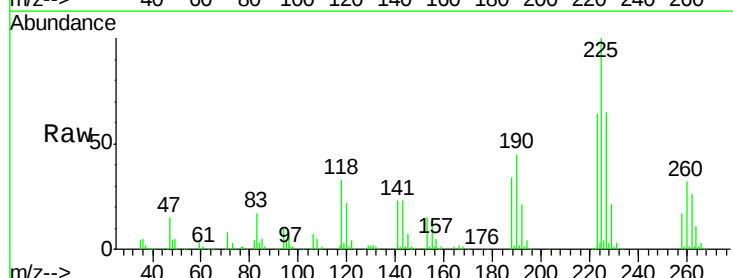
Manual Integrations
APPROVED

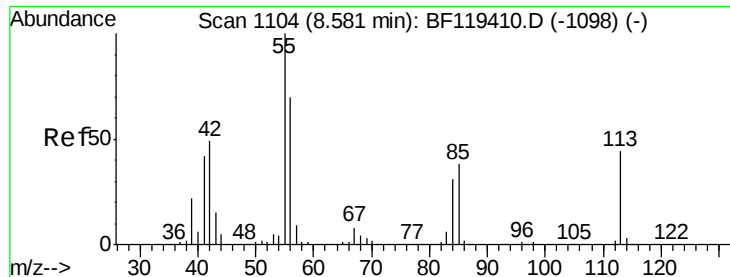
mohammad
3/27/2020 8:11:36 AM



#34
Hexachlorobutadiene
Concen: 45.507 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	49.2	73.8		
227	65.0	51.1	76.7		





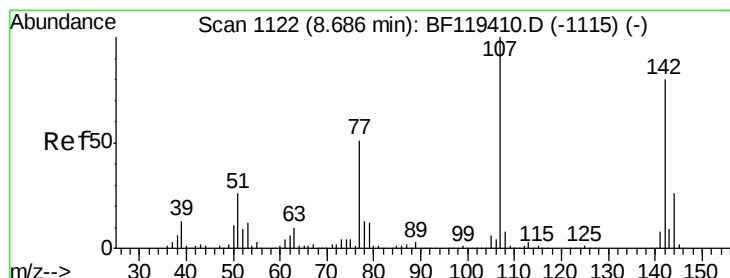
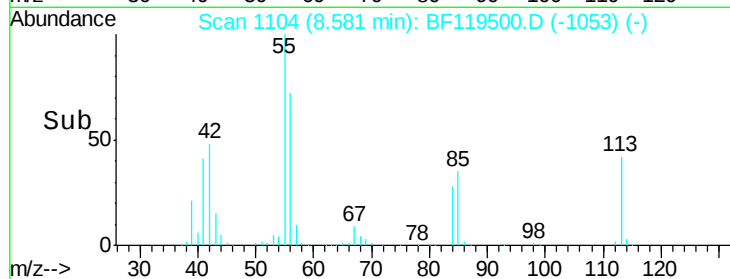
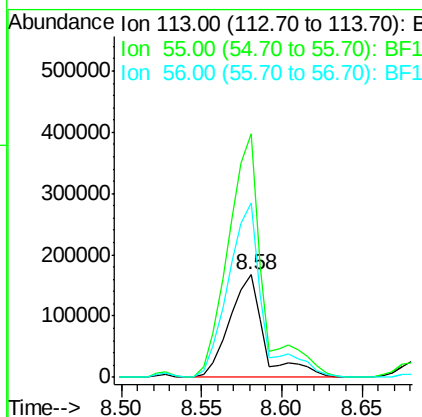
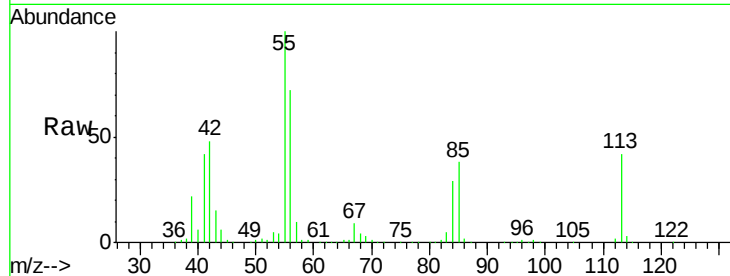
#35
Caprolactam
Concen: 40.105 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	237.2	208.4	248.4	
56	170.6	138.9	178.9	

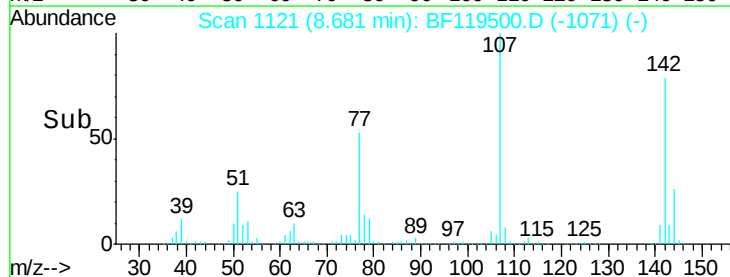
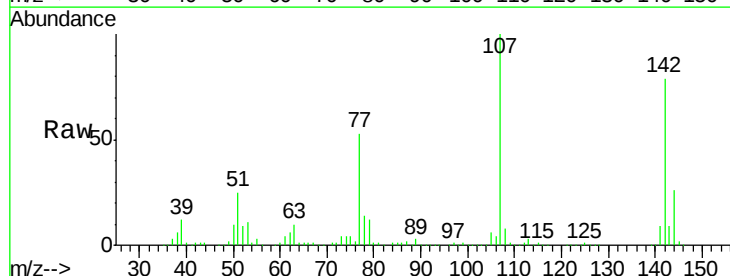
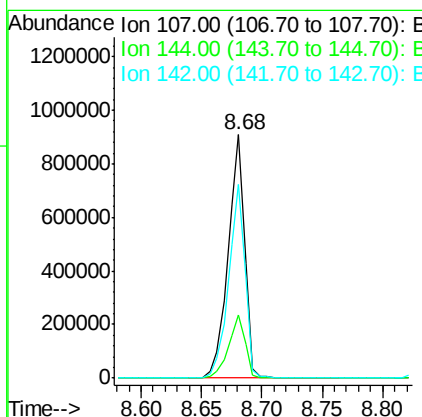
Manual Integrations
APPROVED

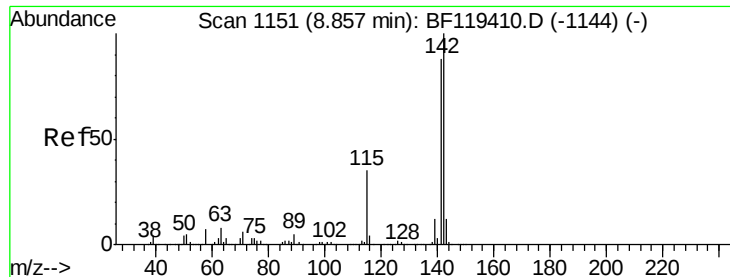
mohammad
3/27/2020 8:11:36 AM



#36
4-Chloro-3-methylphenol
Concen: 41.432 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.0	20.6	31.0	
142	79.3	63.8	95.6	





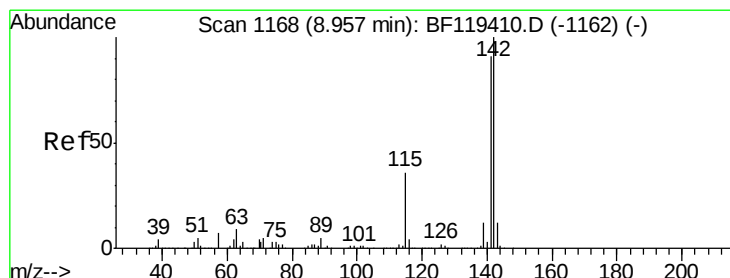
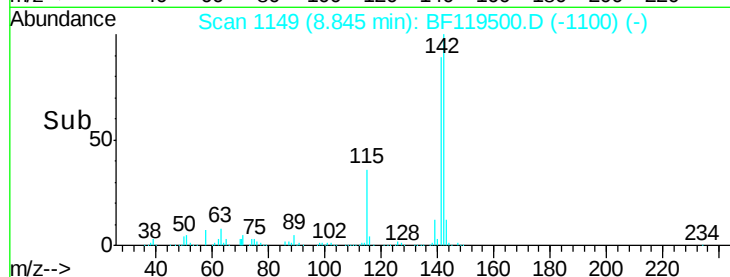
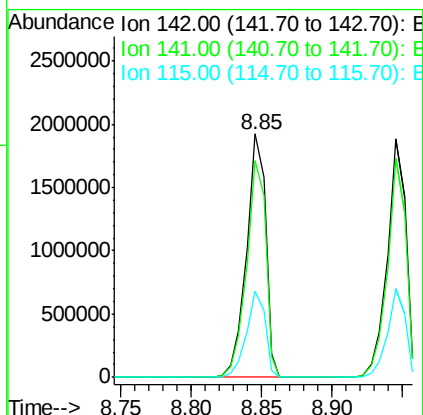
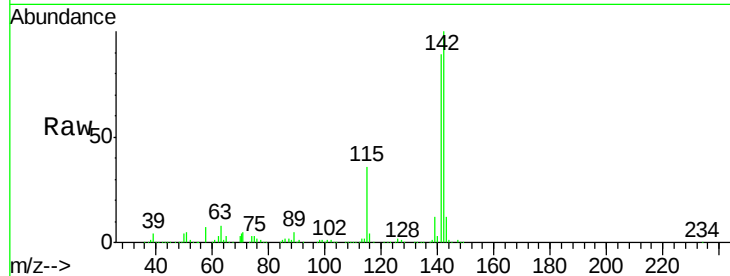
#37
2-Methylnaphthalene
Concen: 41.818 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	35.6	27.8	41.6

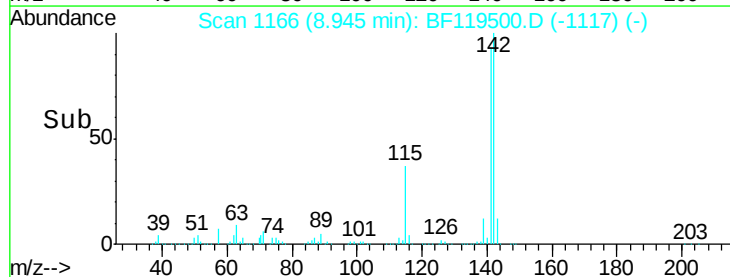
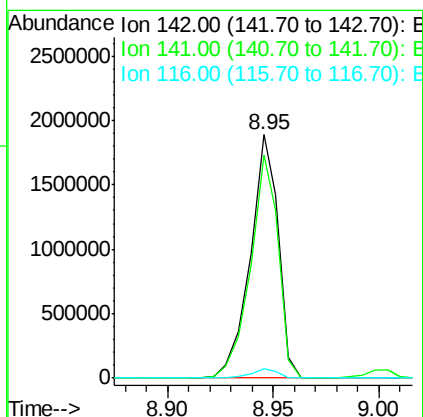
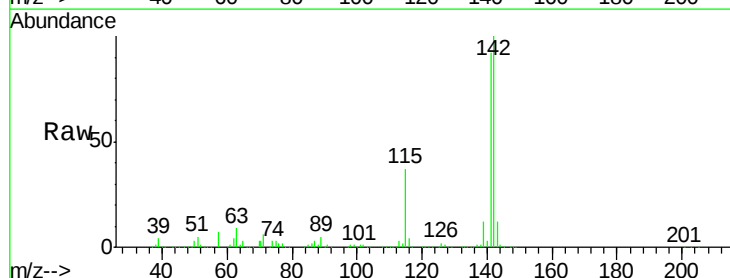
Manual Integrations
APPROVED

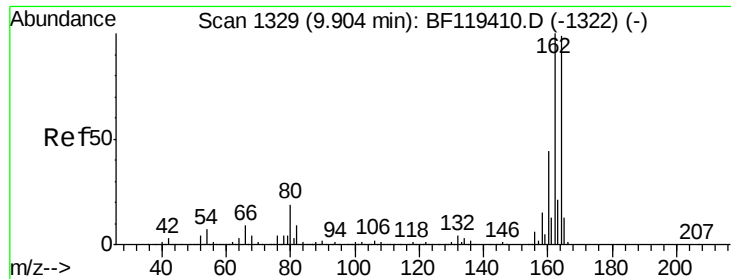
mohammad
3/27/2020 8:11:36 AM



#38
1-Methylnaphthalene
Concen: 41.726 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.1	109.7
116	4.0	3.0	4.6





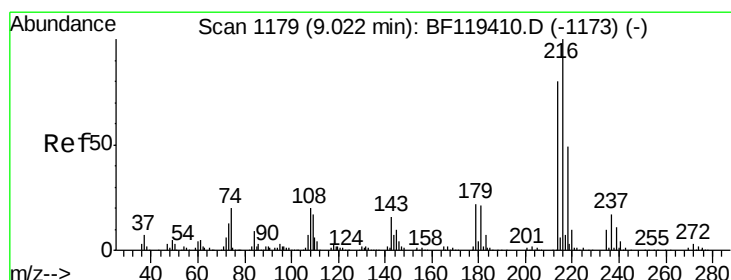
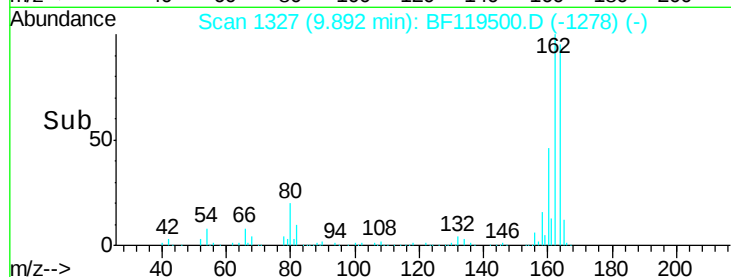
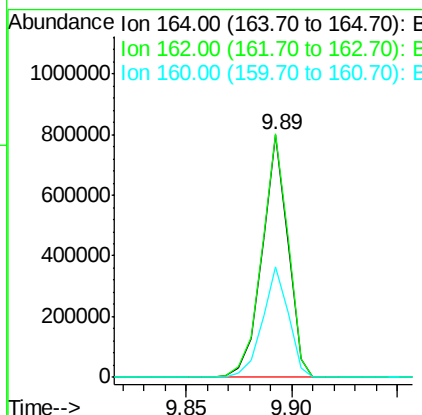
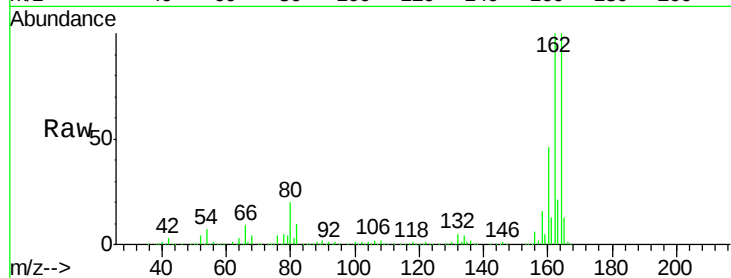
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.7	121.1
160	45.7	35.5	53.3

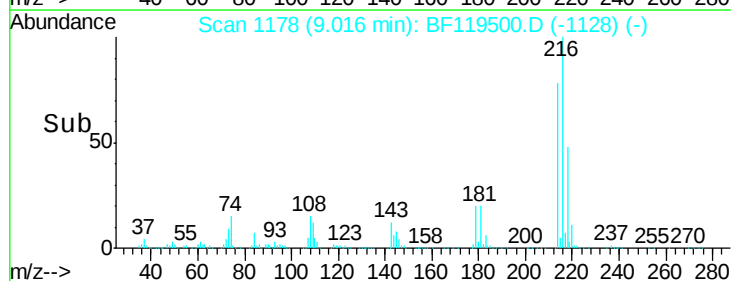
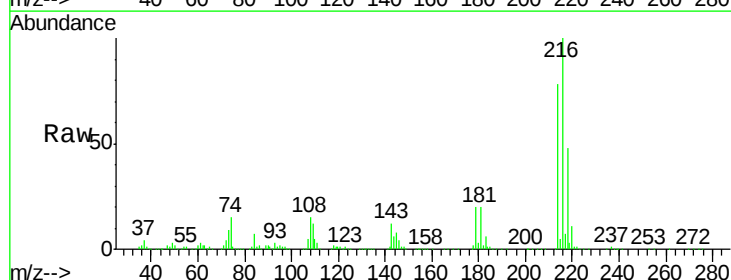
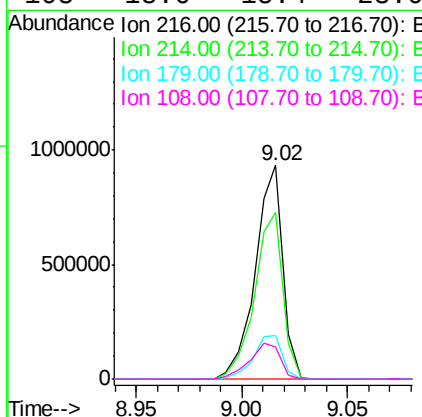
Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:11:36 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.407 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.6
179	21.6	17.0	25.4
108	18.6	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 39.714 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

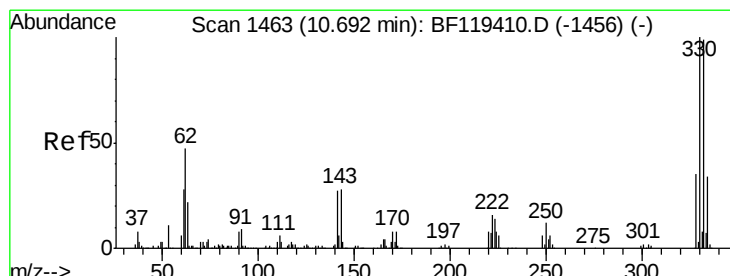
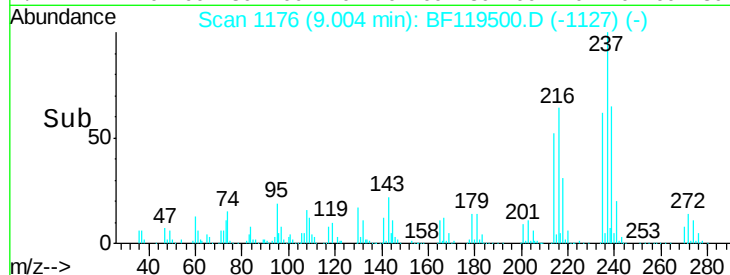
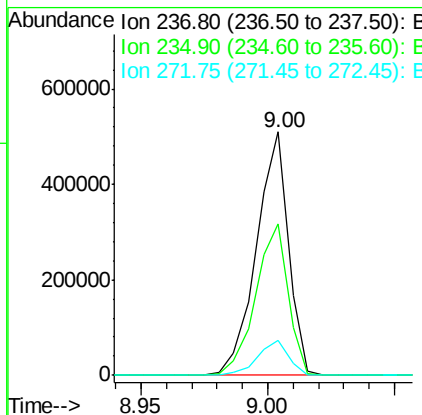
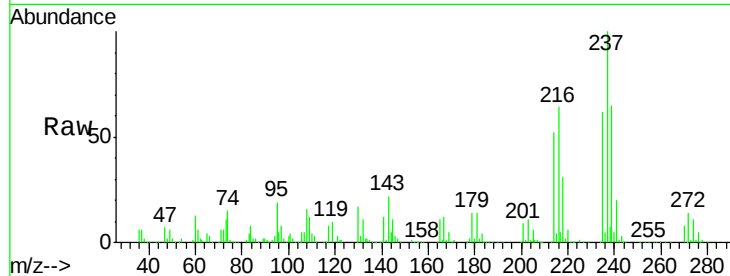
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	450729
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.5	82.5
272	14.4	0.0	34.3

Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM



#42

2,4,6-Tribromophenol

Concen: 93.770 ng

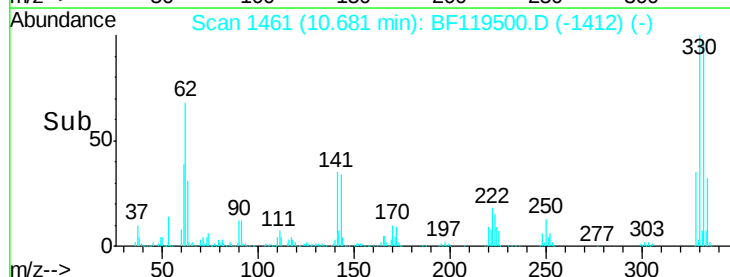
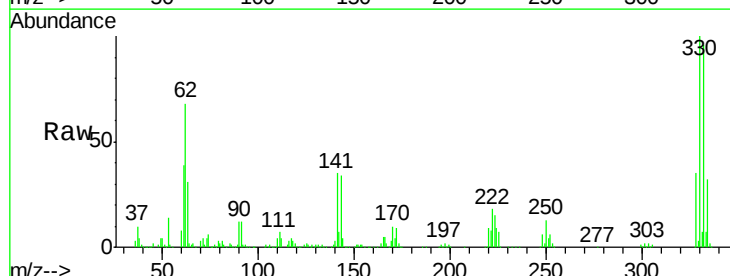
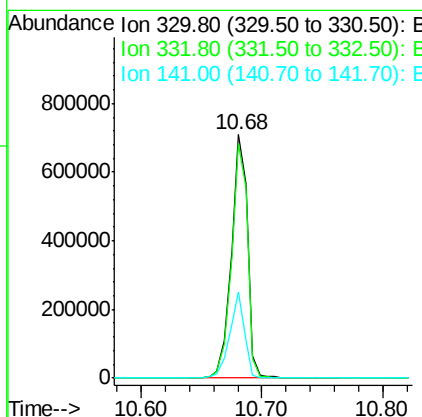
RT: 10.68 min Scan# 1461

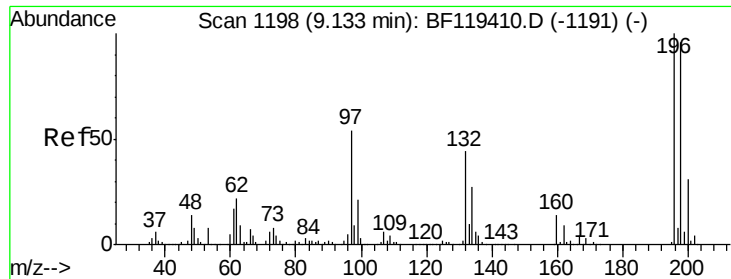
Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion:	330	Resp:	658878
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.6	116.4
141	32.3	26.6	40.0





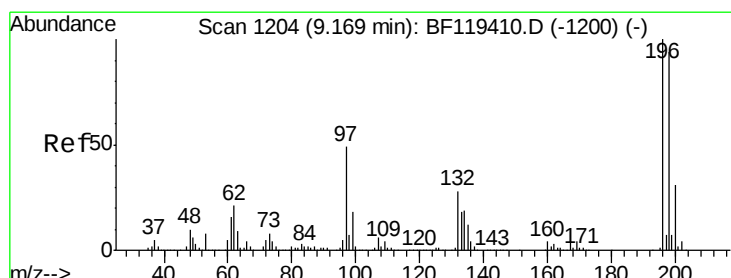
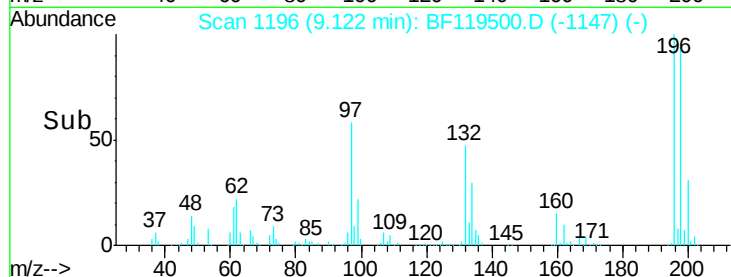
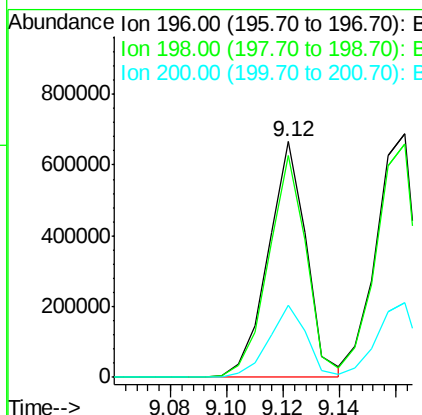
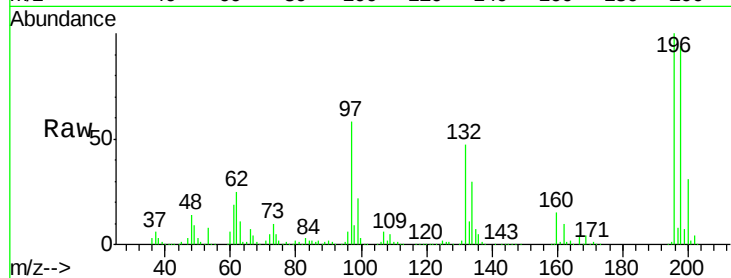
#43
 2,4,6-Trichlorophenol
 Concen: 43.576 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	622535
Ion Ratio	Lower	Upper	
196	100		
198	94.3	77.0	115.4
200	30.6	25.1	37.7

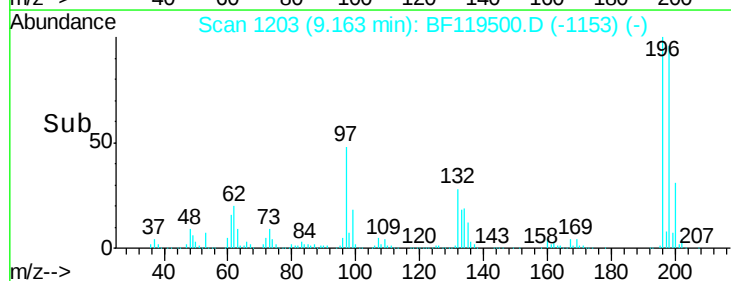
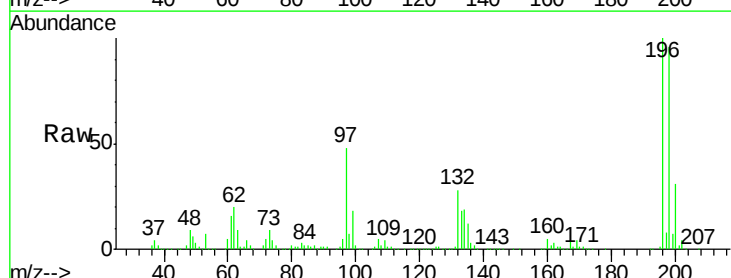
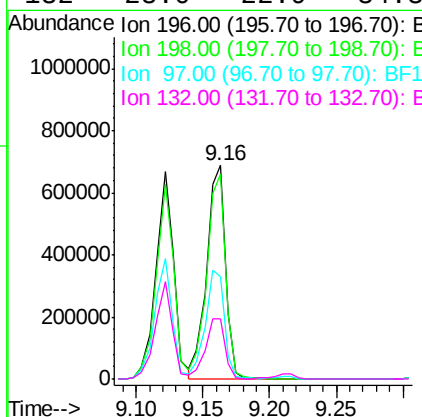
Manual Integrations
 APPROVED

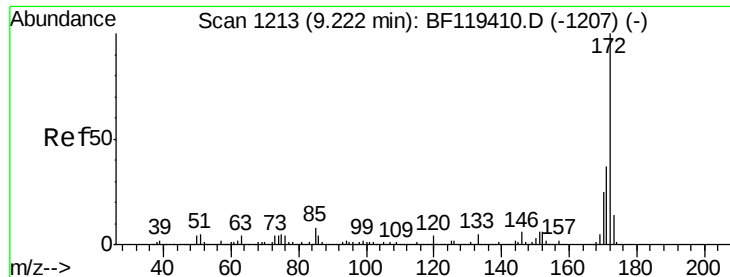
mohammad
 3/27/2020 8:11:36 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.402 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion:	196	Resp:	678600
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.3	112.9
97	48.0	39.0	58.4
132	28.0	22.9	34.3





#45

2-Fluorobiphenyl

Concen: 79.462 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 3653186

Ion Ratio Lower Upper

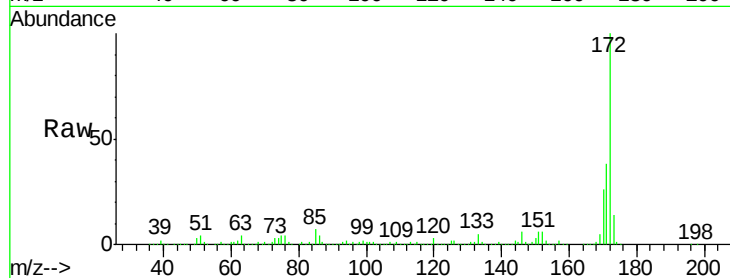
172 100

171 37.6 29.9 44.9

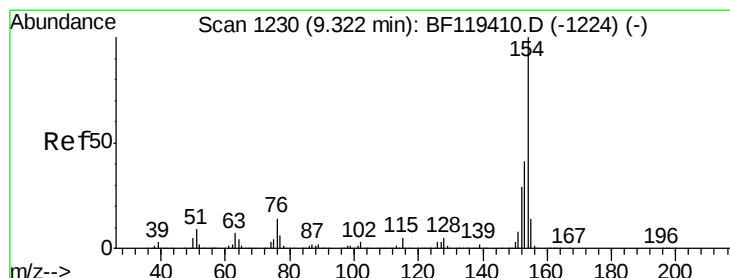
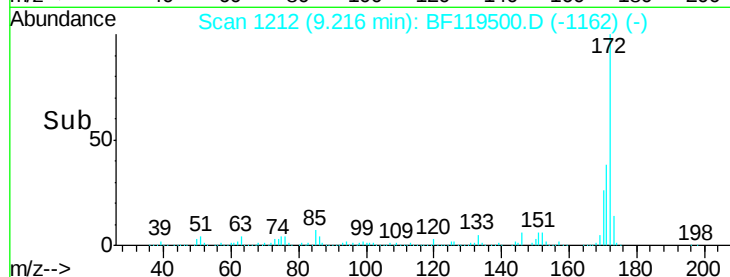
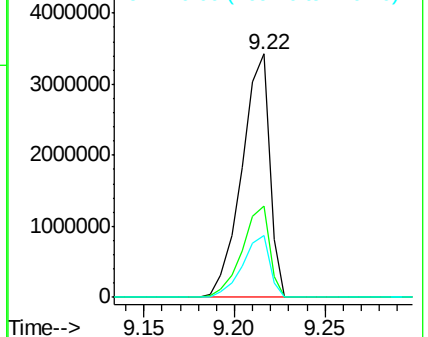
170 25.6 20.1 30.1

Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.031 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

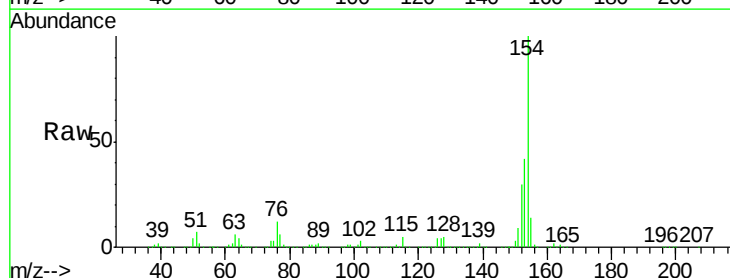
Tgt Ion:154 Resp: 2276053

Ion Ratio Lower Upper

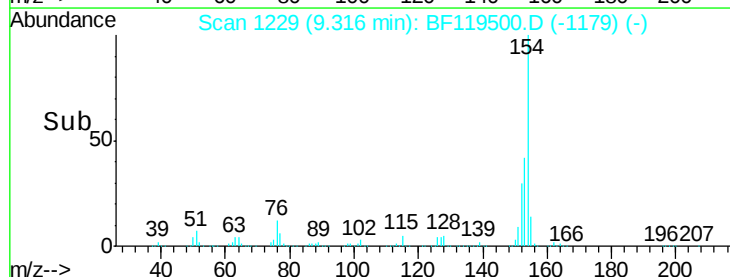
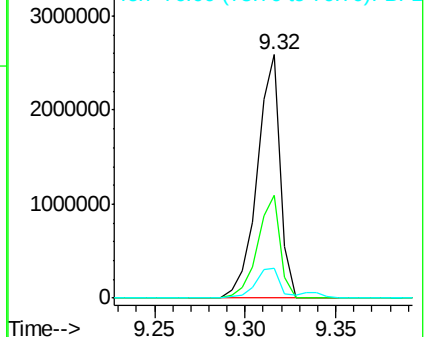
154 100

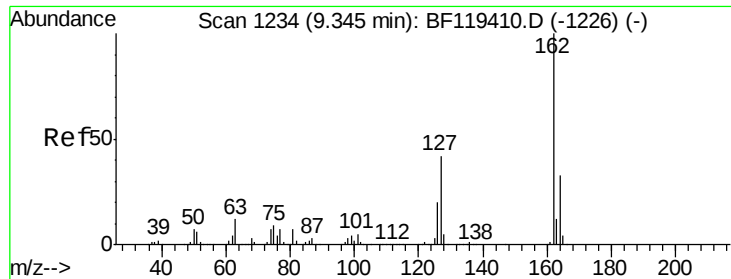
153 42.2 21.4 61.4

76 12.4 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





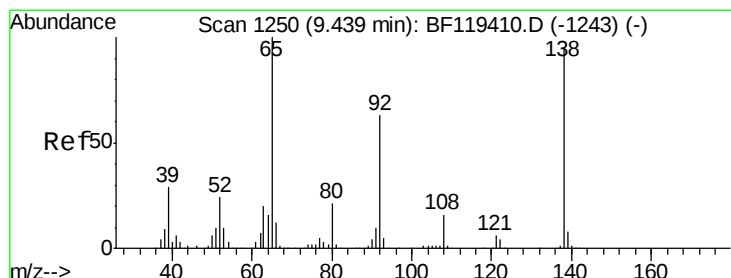
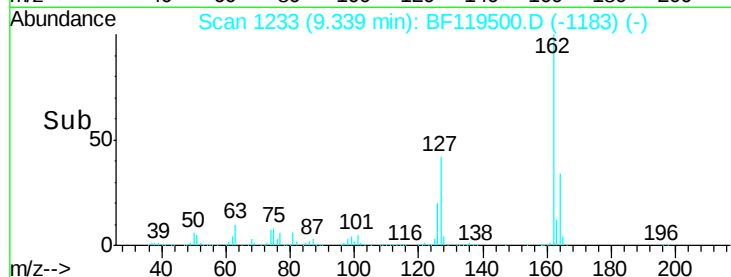
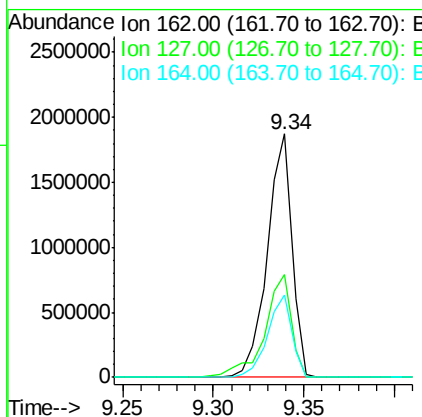
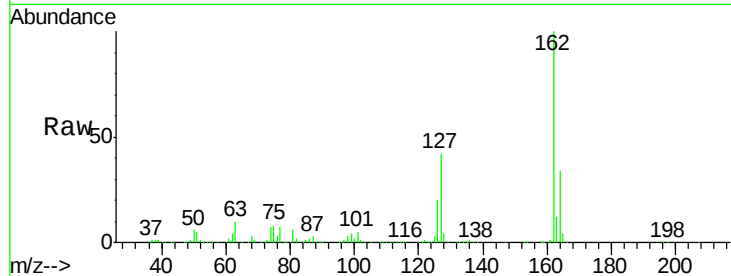
#47
 2-Chloronaphthalene
 Concen: 40.726 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.7	50.5
164	33.9	26.2	39.4

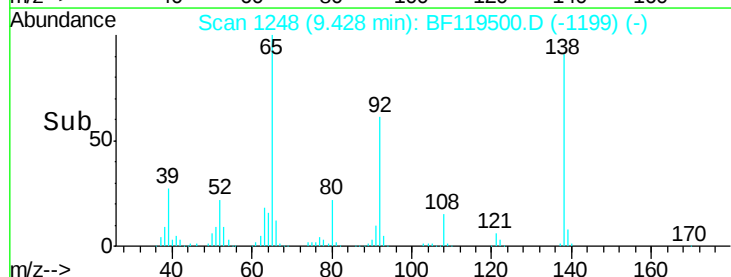
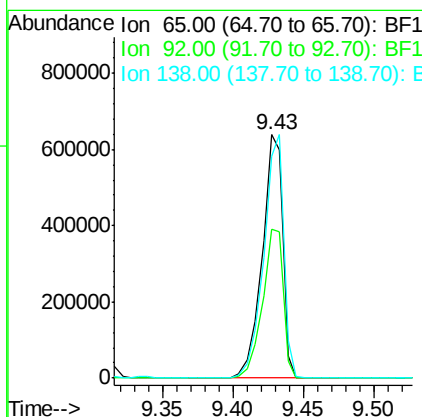
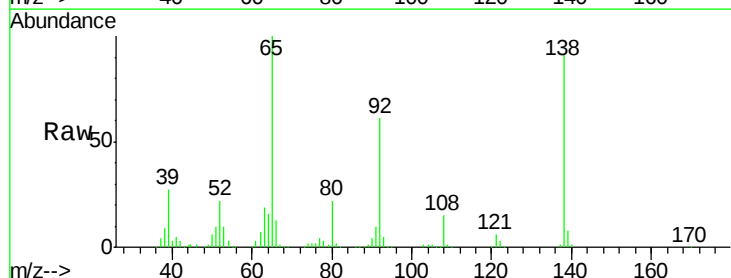
Manual Integrations
 APPROVED

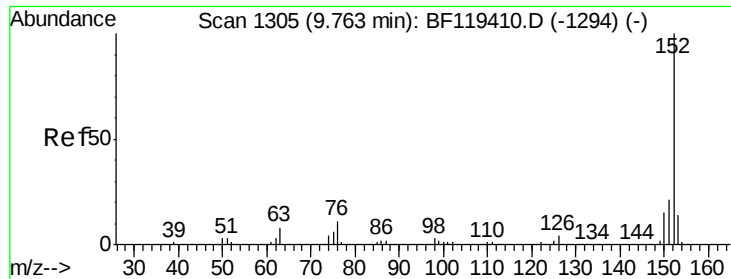
mohammad
 3/27/2020 8:11:36 AM



#48
 2-Nitroaniline
 Concen: 44.049 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	50.5	75.7
138	91.0	75.8	113.8





#49

Acenaphthylene

Concen: 40.107 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2736677

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

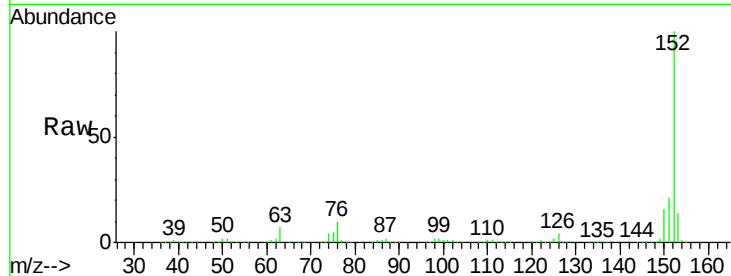
153 13.7 11.2 16.8

Manual Integrations

APPROVED

mohammad

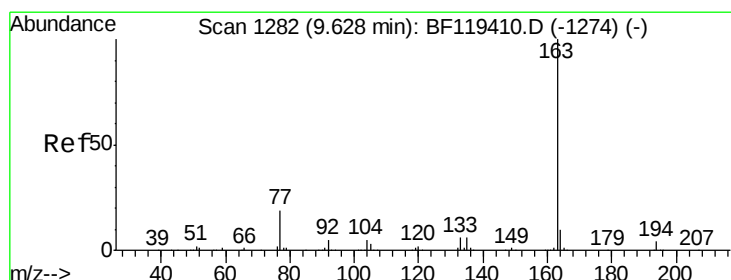
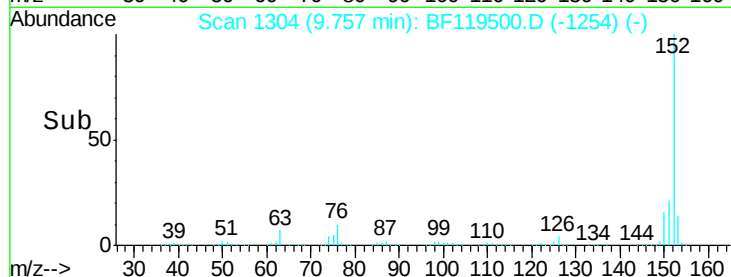
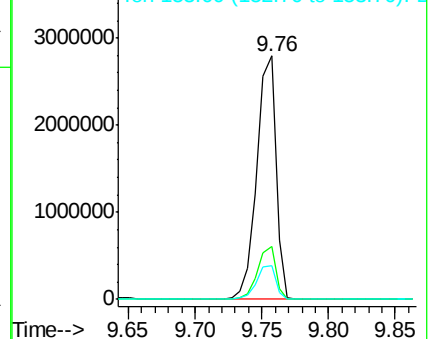
3/27/2020 8:11:36 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.686 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

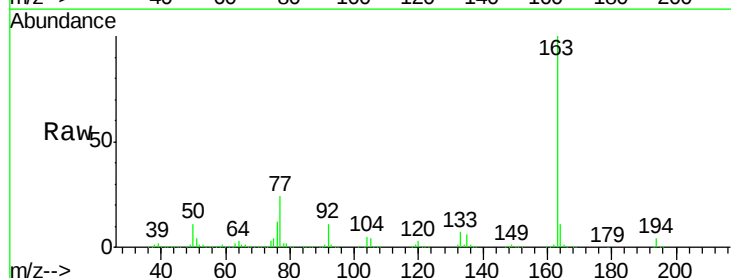
Tgt Ion:163 Resp: 2065054

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

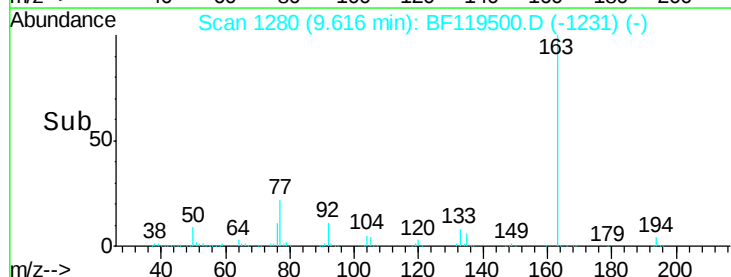
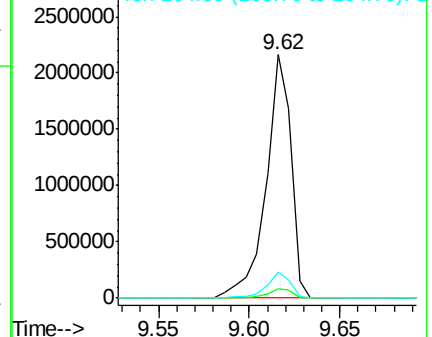
164 10.7 8.1 12.1

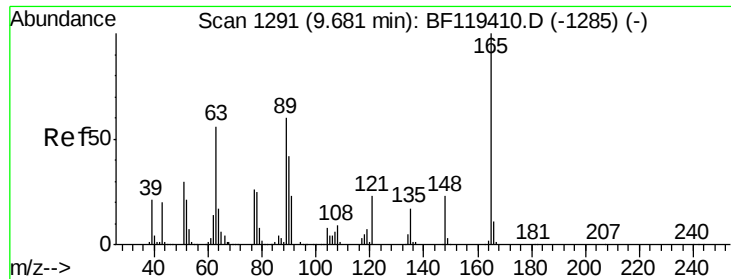


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





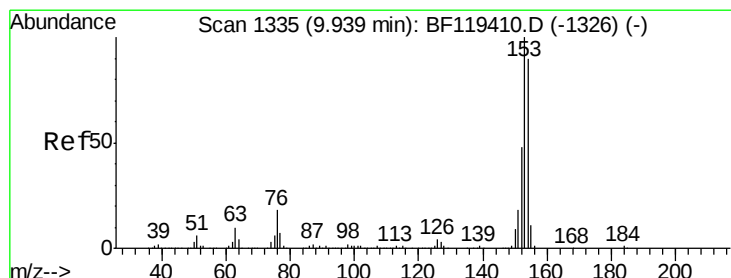
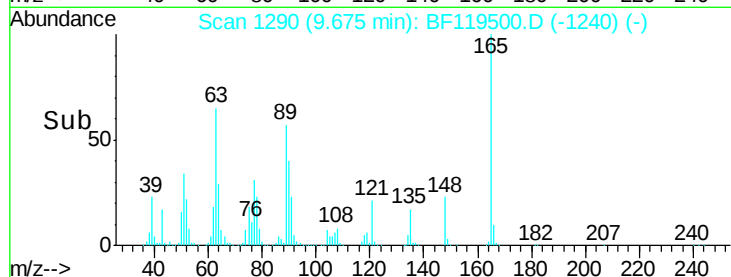
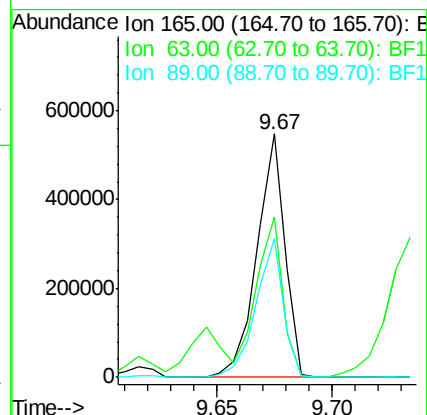
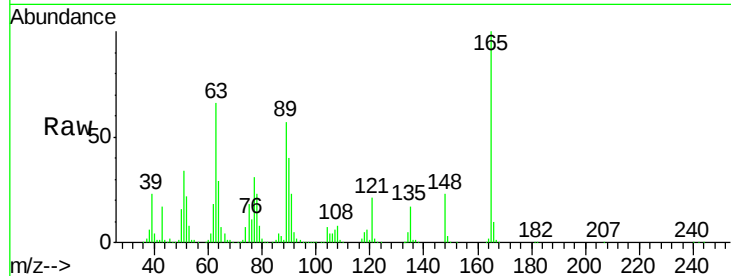
#51
2,6-Dinitrotoluene
Concen: 44.820 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.7	57.3	85.9
89	56.9	47.8	71.8

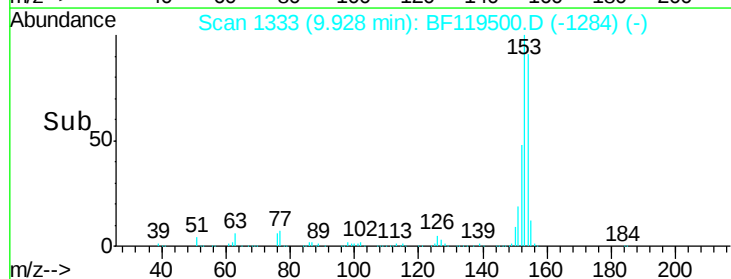
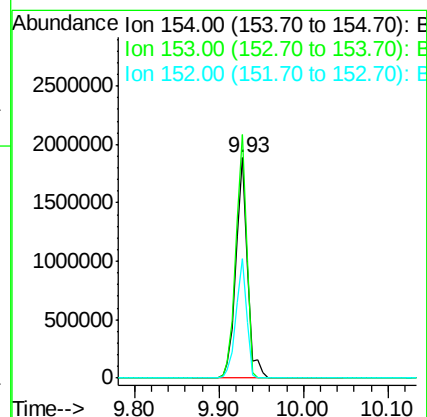
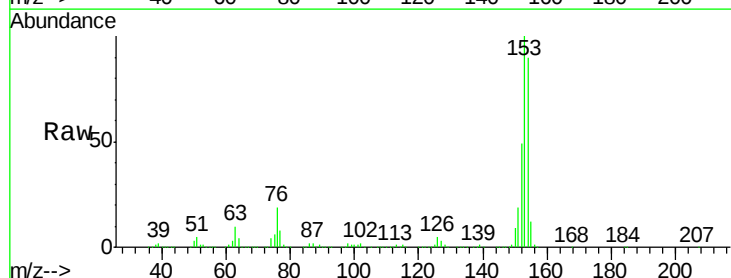
Manual Integrations
APPROVED

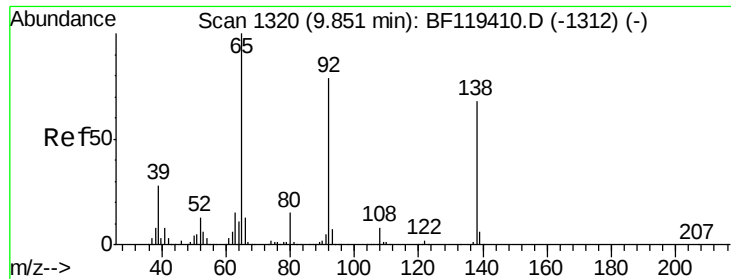
mohammad
3/27/2020 8:11:36 AM



#52
Acenaphthene
Concen: 41.388 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.5	89.0	133.6
152	54.2	43.1	64.7





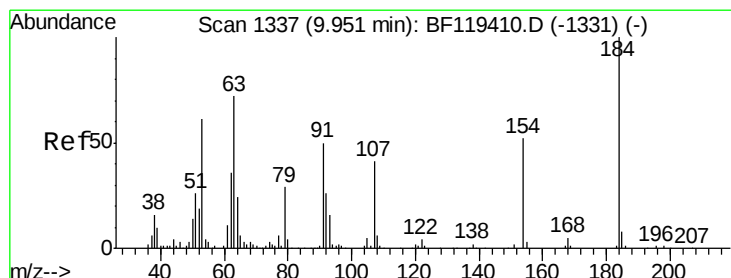
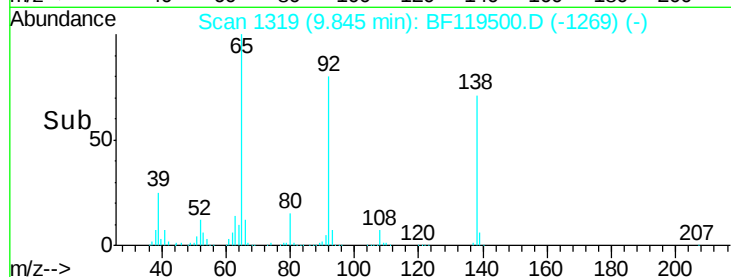
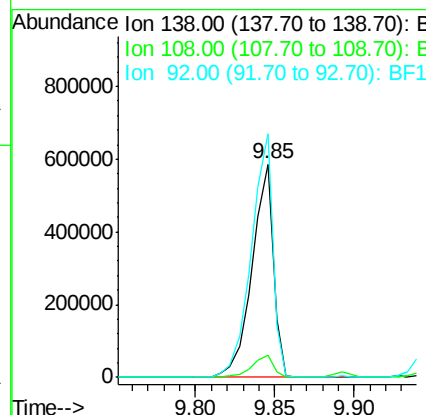
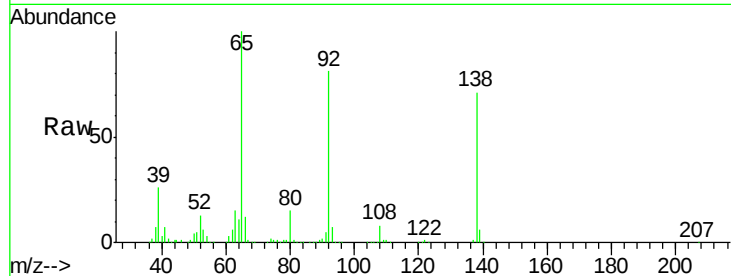
#53
 3-Nitroaniline
 Concen: 41.785 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.6
92	114.3	93.2	139.8

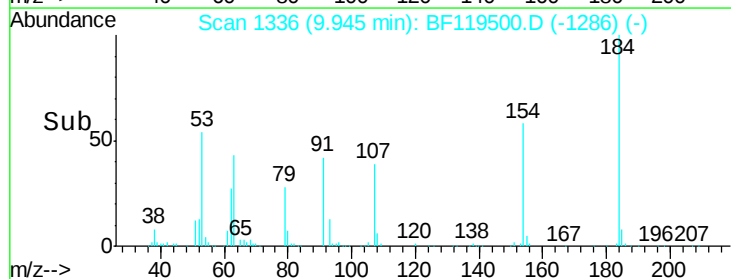
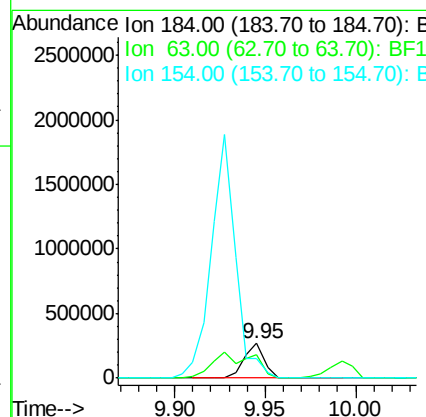
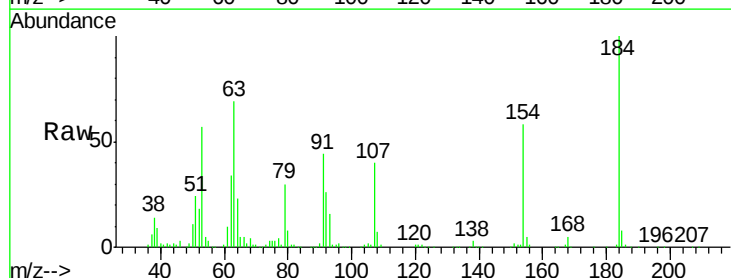
Manual Integrations
 APPROVED

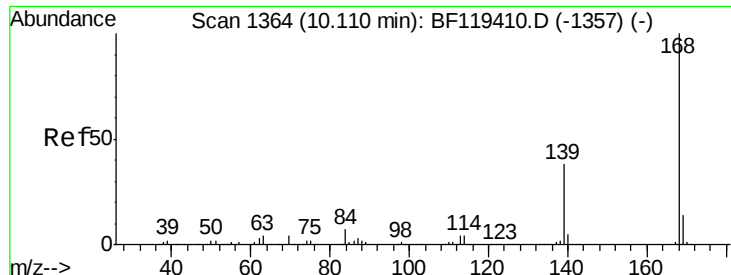
mohammad
 3/27/2020 8:11:36 AM



#54
 2,4-Dinitrophenol
 Concen: 50.718 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.9	58.5	87.7
154	58.3	51.8	77.6





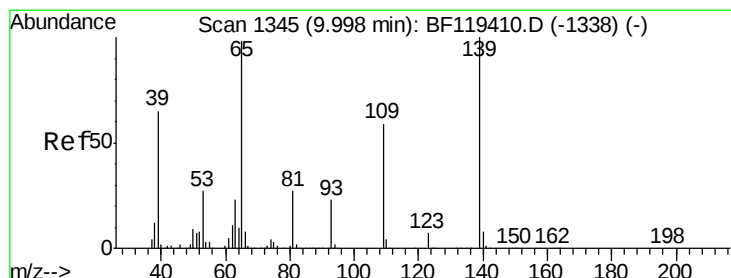
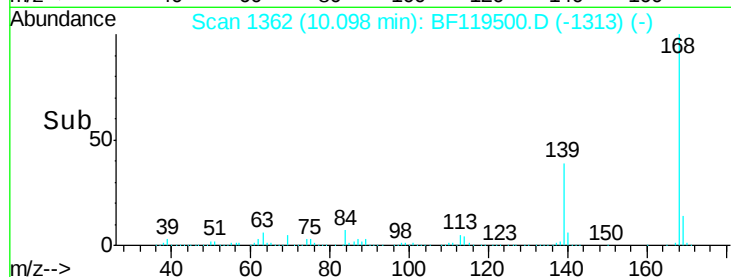
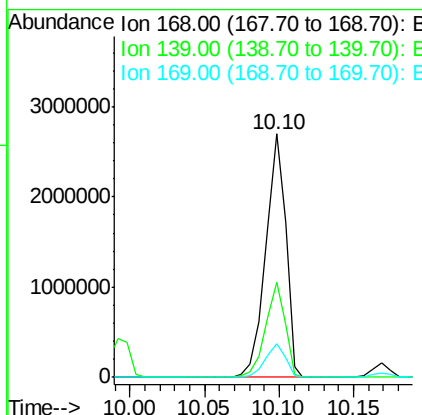
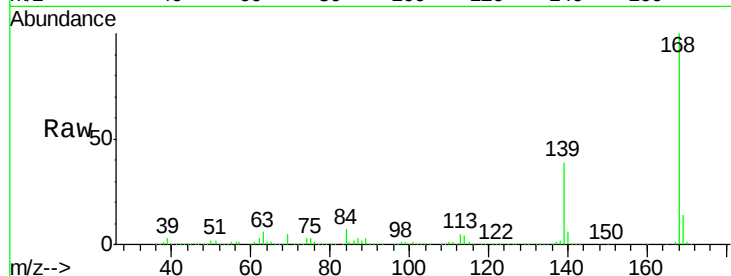
#55
Dibenzenofuran
Concen: 40.628 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.2	45.4
169	14.0	11.1	16.7

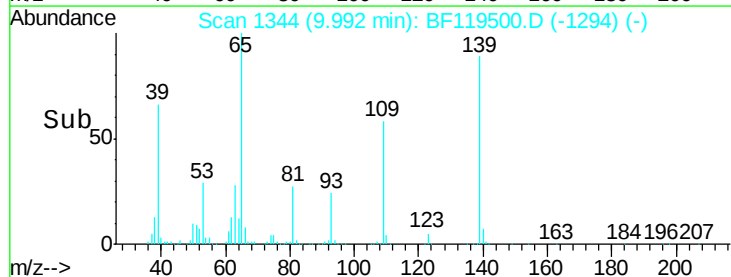
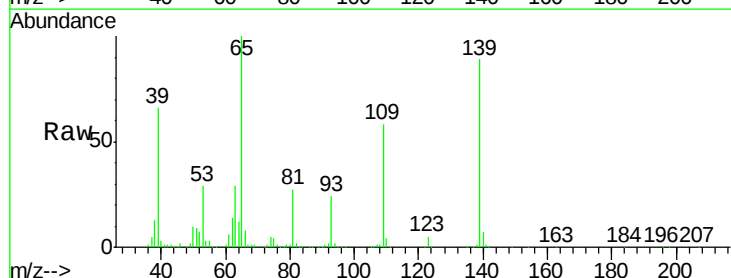
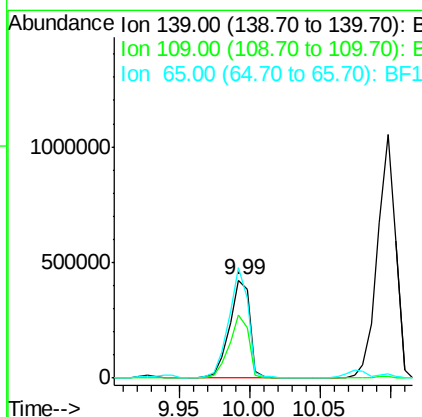
Manual Integrations
APPROVED

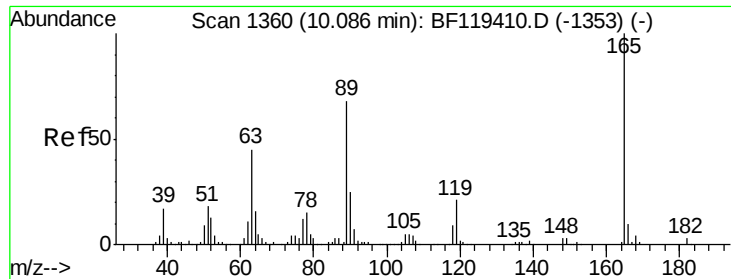
mohammad
3/27/2020 8:11:36 AM



#56
4-Nitrophenol
Concen: 41.211 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	39.6	79.6
65	112.5	78.3	118.3





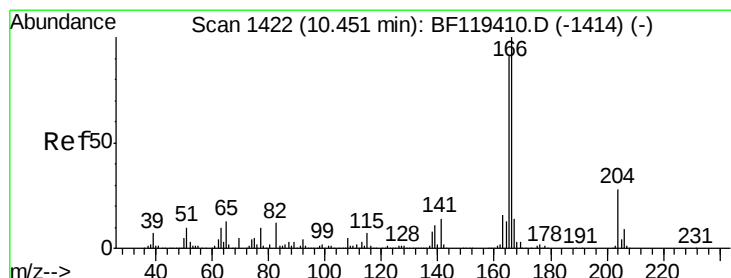
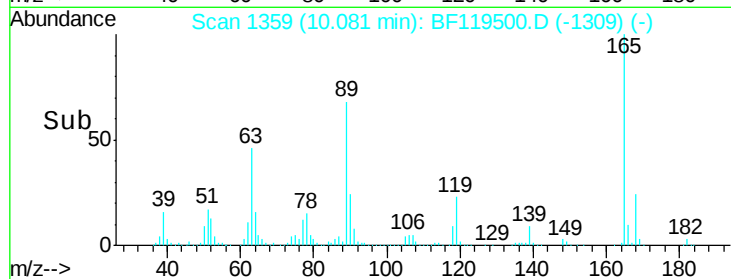
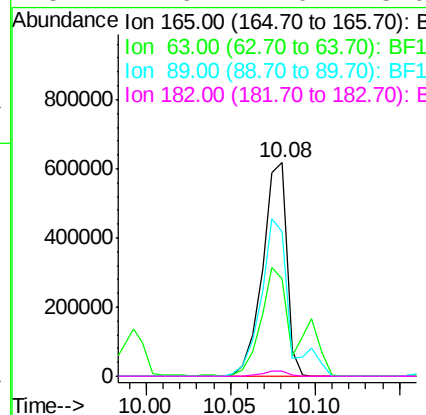
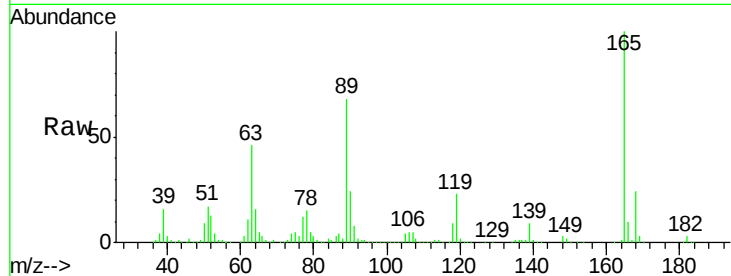
#57
2,4-Dinitrotoluene
Concen: 47.276 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		617560		
63	45.7	36.2	54.4		
89	67.8	54.3	81.5		
182	2.6	2.0	3.0		

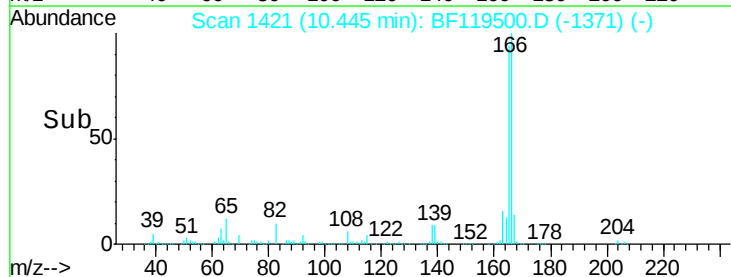
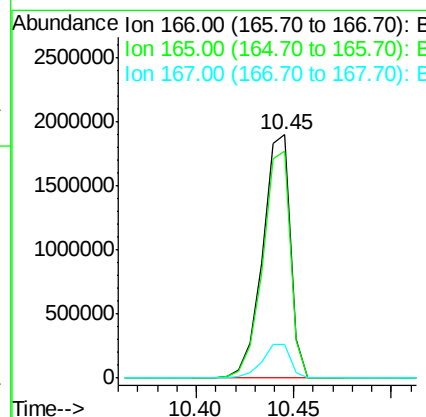
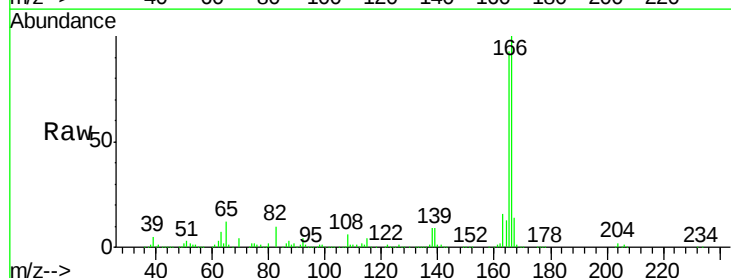
Manual Integrations
APPROVED

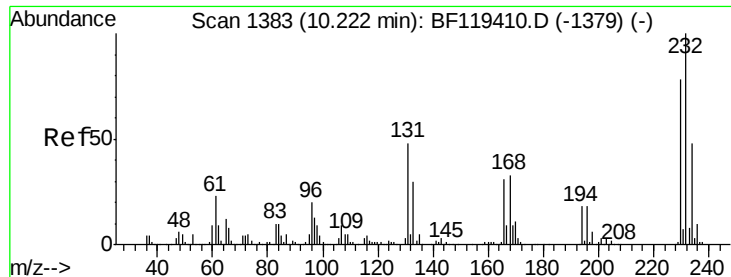
mohammad
3/27/2020 8:11:36 AM



#58
Fluorene
Concen: 41.413 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1867755		
165	93.4	73.1	109.7		
167	13.6	11.0	16.6		





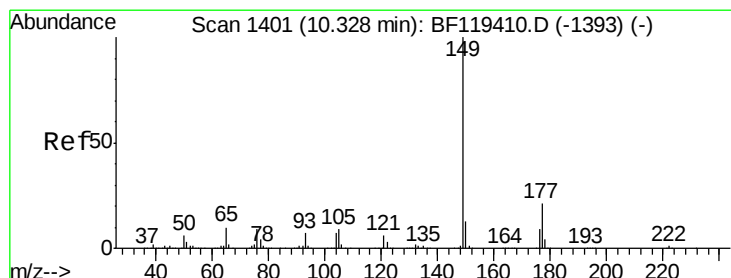
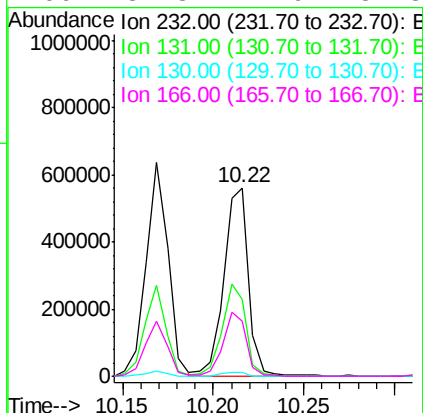
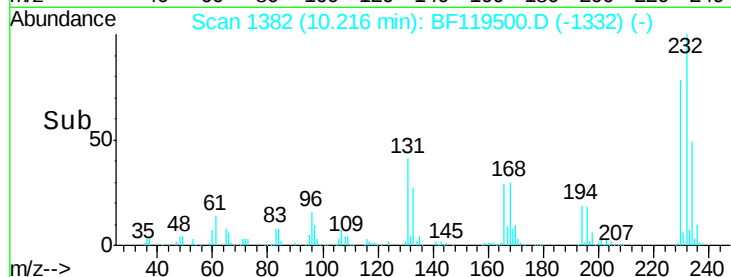
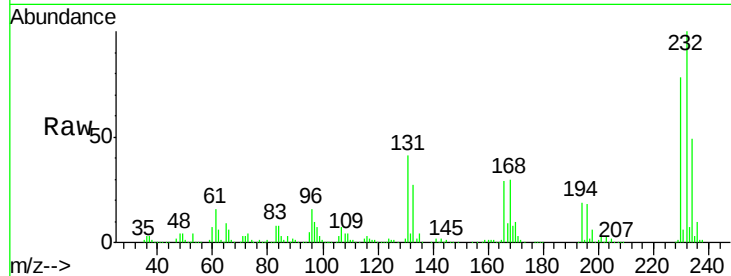
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.862 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	36.3	54.5
130	2.2	1.8	2.6
166	32.3	24.9	37.3

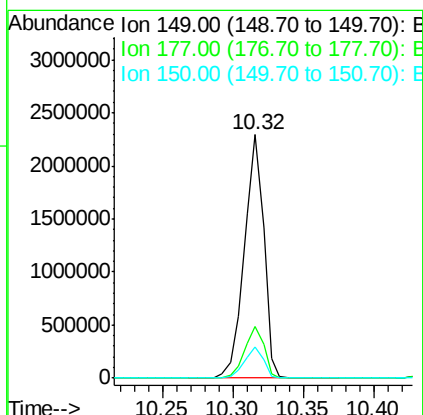
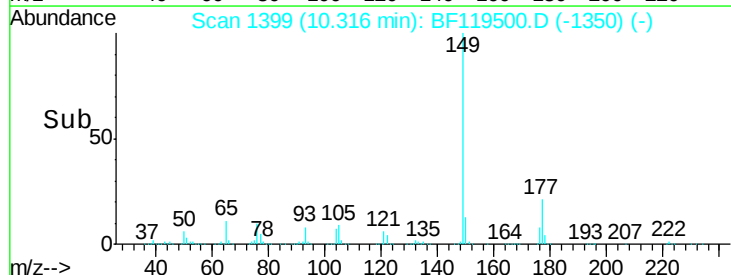
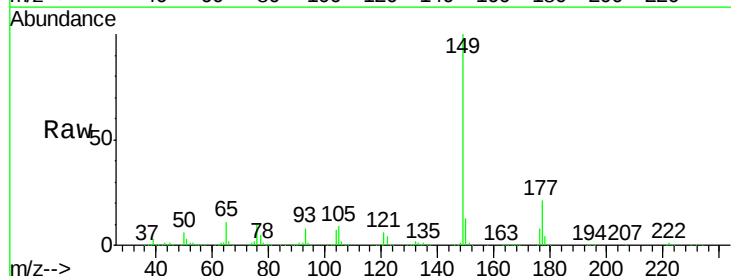
Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM



#60
Diethylphthalate
Concen: 44.715 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	12.9	10.2	15.4





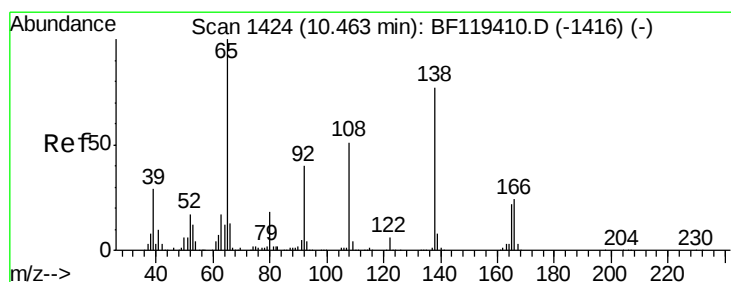
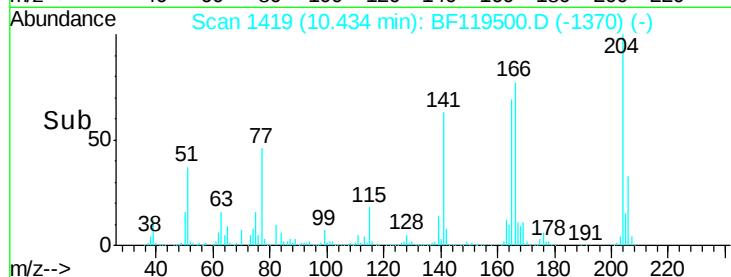
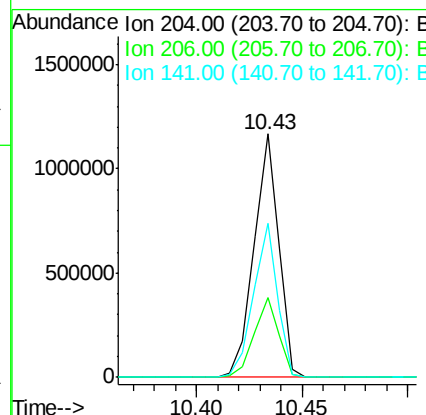
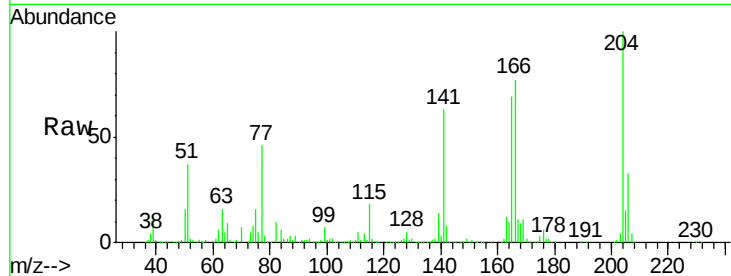
#61
4-Chlorophenyl-phenylether
Concen: 43.130 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	63.1	48.8	73.2

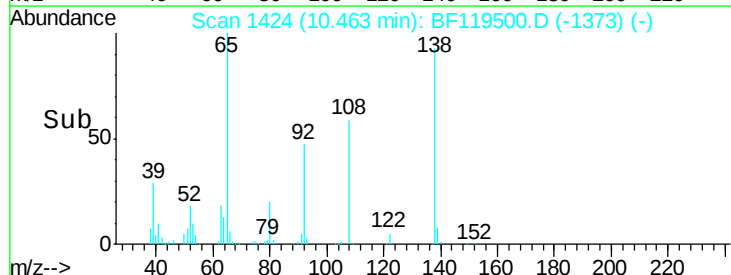
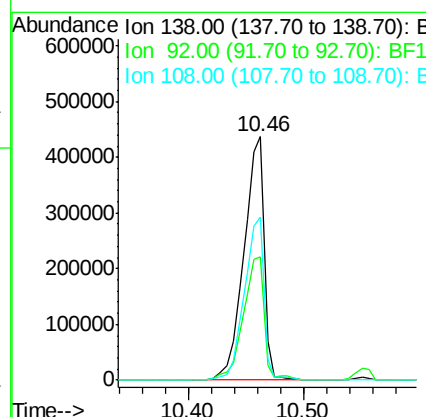
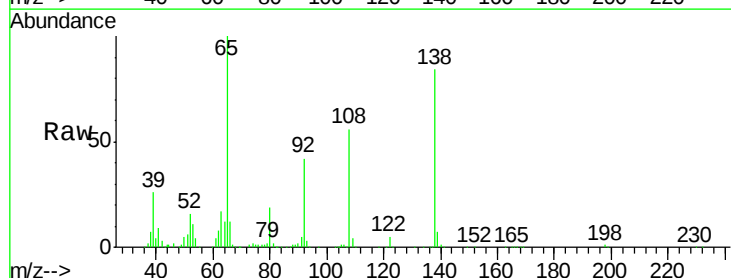
Manual Integrations
APPROVED

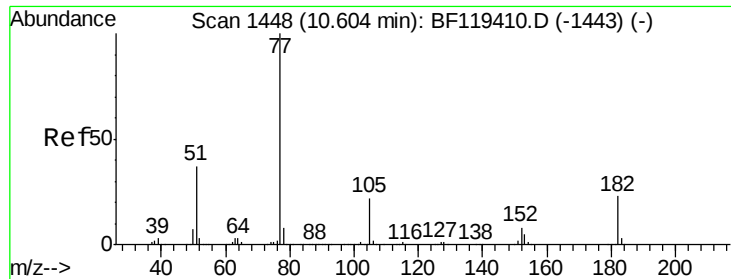
mohammad
3/27/2020 8:11:36 AM



#62
4-Nitroaniline
Concen: 42.370 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	32.0	72.0
108	66.8	46.0	86.0





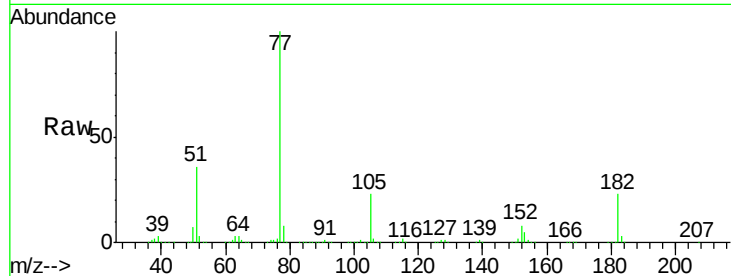
#63
Azobenzene
Concen: 41.060 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

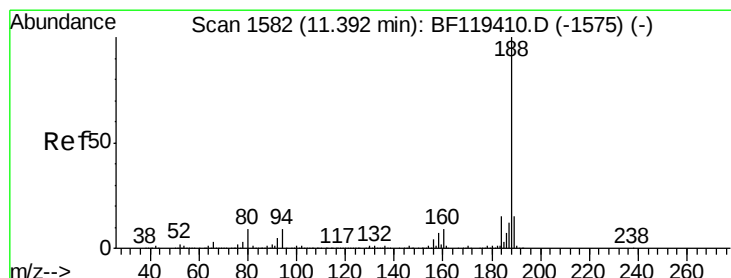
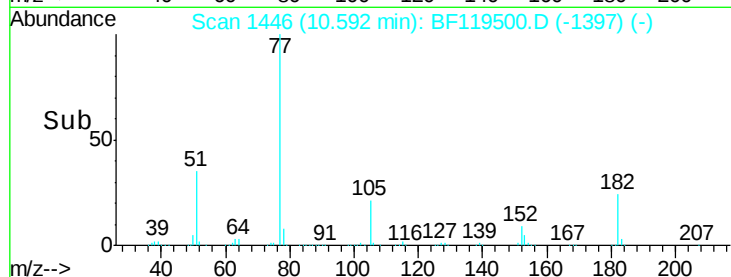
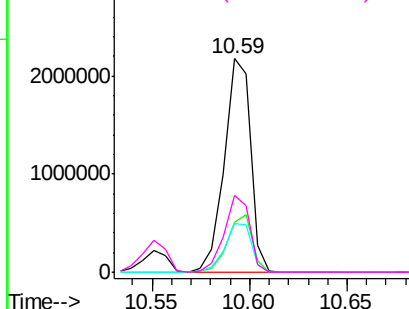
Tot Ion: 77 Resp: 2030238
Ion Ratio Lower Upper
77 100
182 23.2 2.5 42.5
105 22.9 2.5 42.5
51 35.8 17.1 57.1

Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM

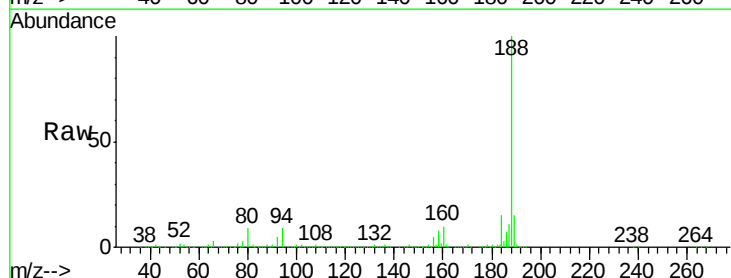


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

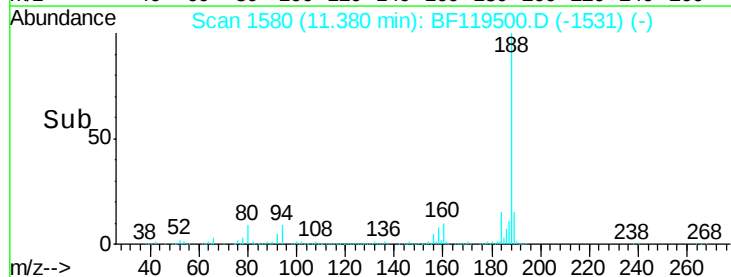
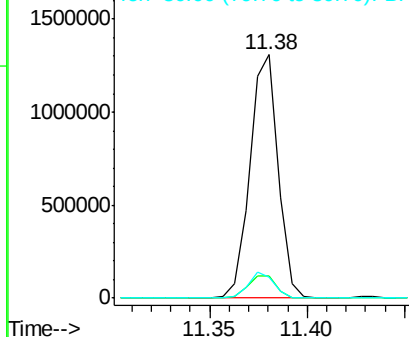


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion: 188 Resp: 1302064
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 8.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





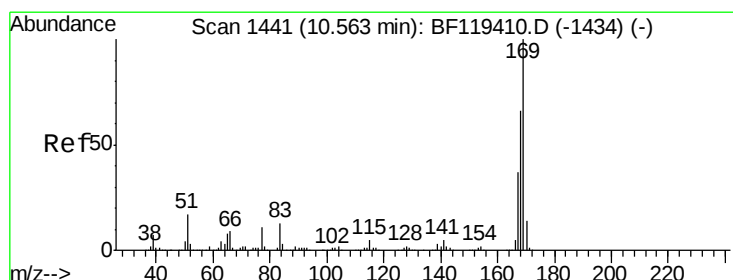
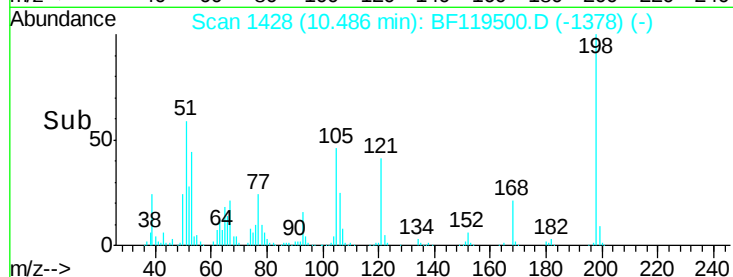
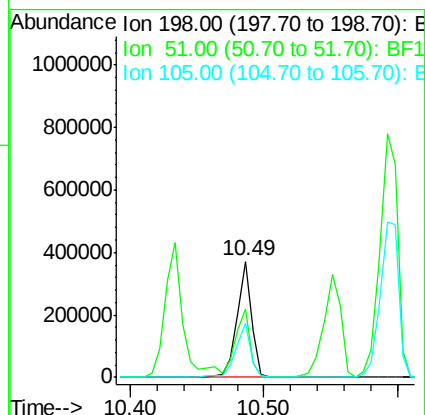
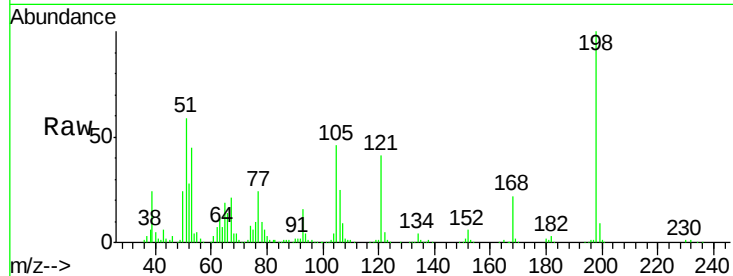
#65
4,6-Dinitro-2-methylphenol
Concen: 53.432 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	58.6	33.1	73.1
105	46.1	24.1	64.1

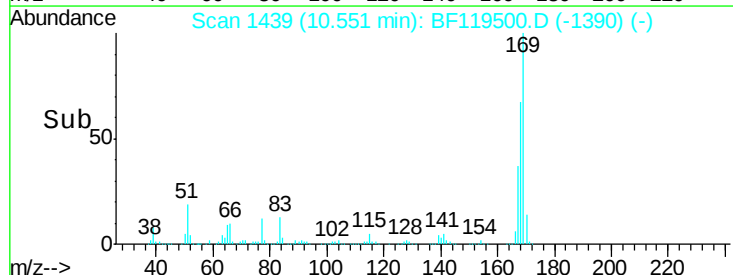
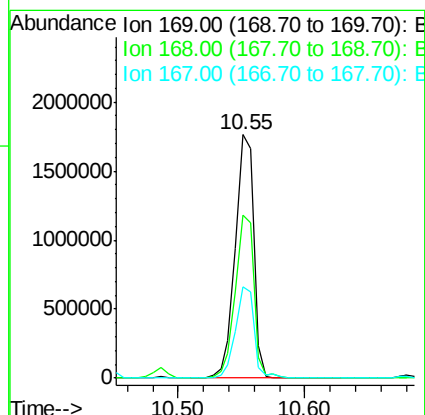
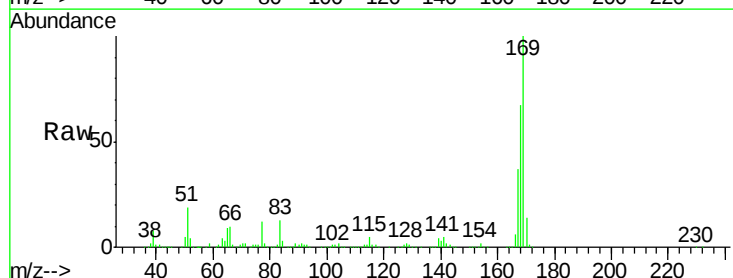
Manual Integrations
APPROVED

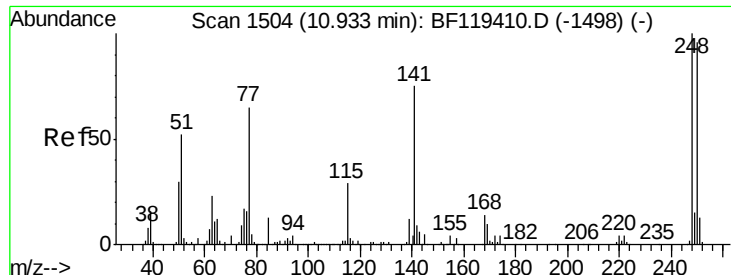
mohammad
3/27/2020 8:11:36 AM



#66
n-Nitrosodiphenylamine
Concen: 41.175 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.7	79.1
167	37.3	29.3	43.9





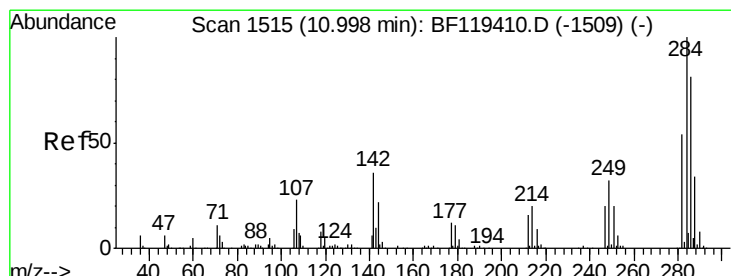
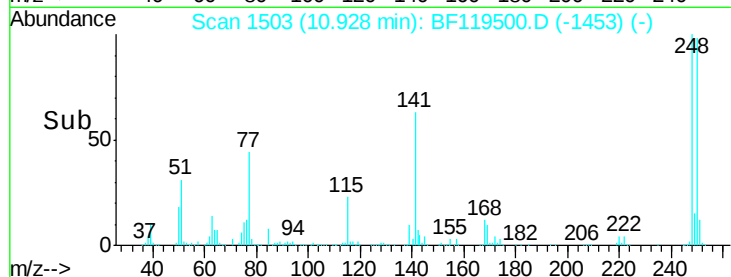
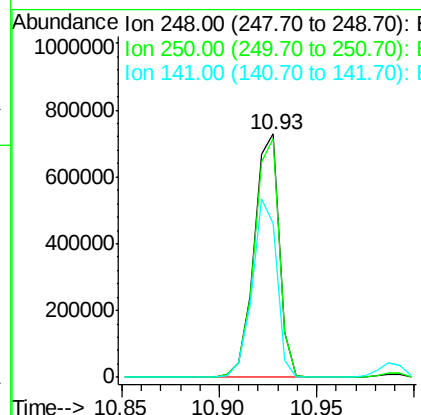
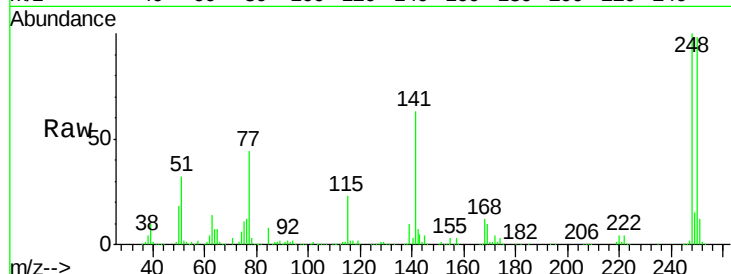
#67
 4-Bromophenyl-phenylether
 Concen: 43.582 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.0	115.6
141	63.5	59.7	89.5

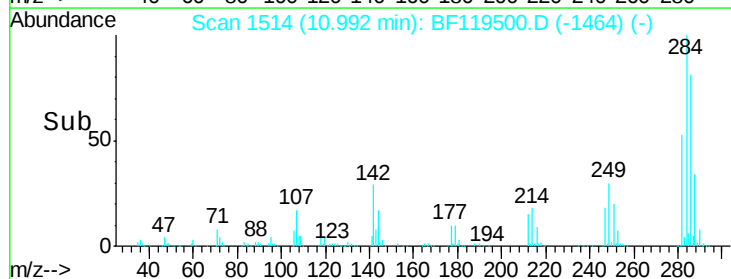
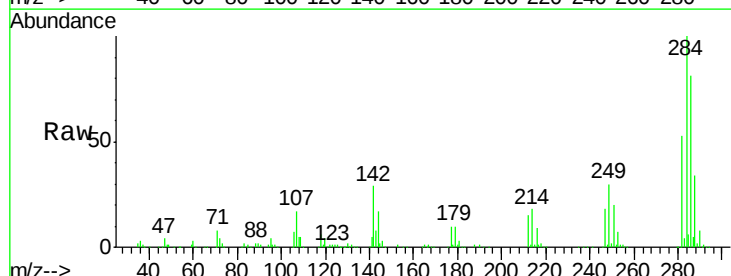
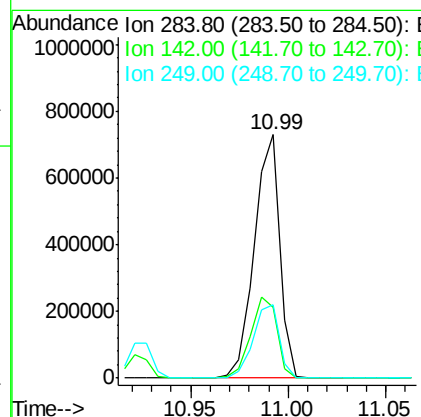
Manual Integrations
 APPROVED

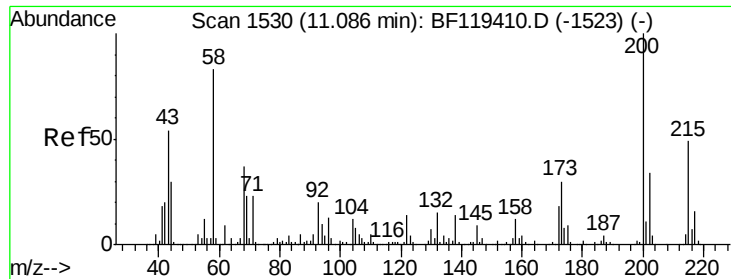
mohammad
 3/27/2020 8:11:36 AM



#68
 Hexachlorobenzene
 Concen: 43.342 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	28.7	43.1
249	30.3	25.4	38.0





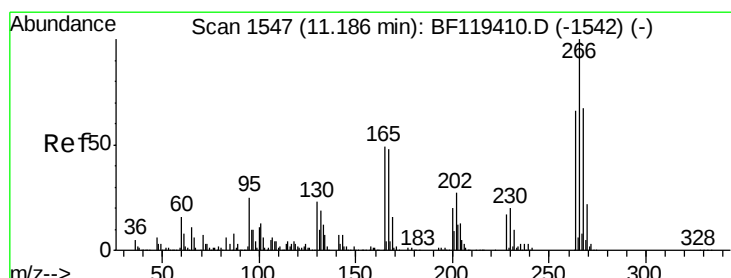
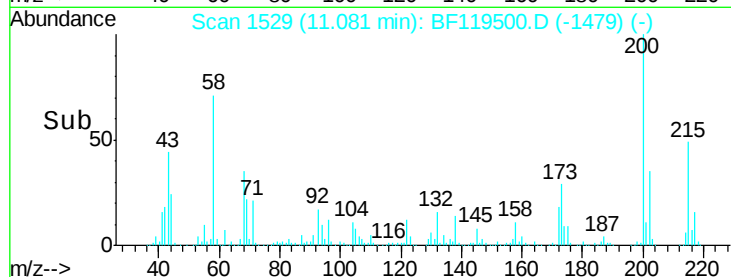
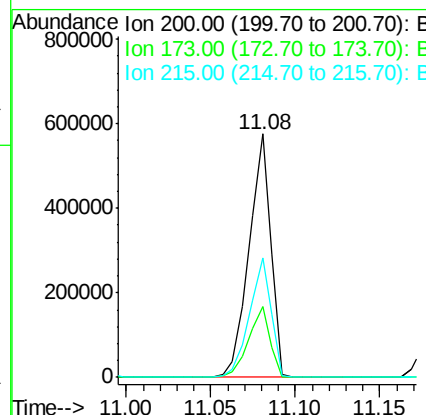
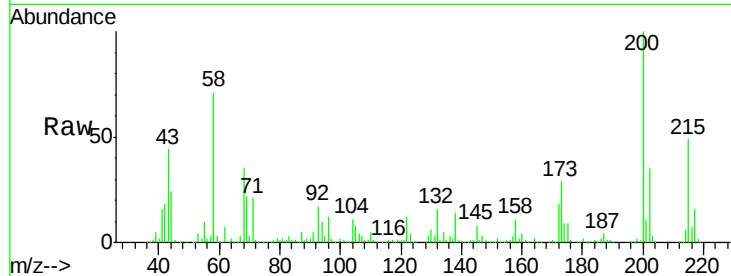
#69
Atrazine
Concen: 44.466 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.2	9.9	49.9
215	49.2	29.4	69.4

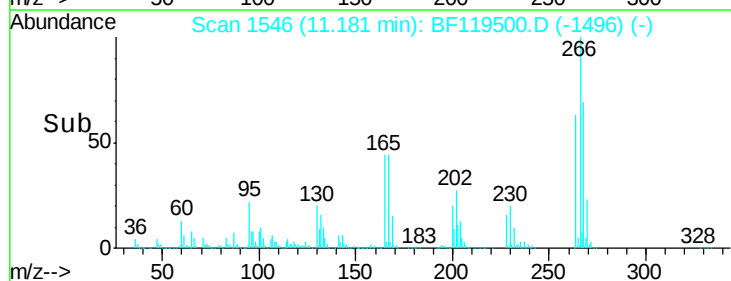
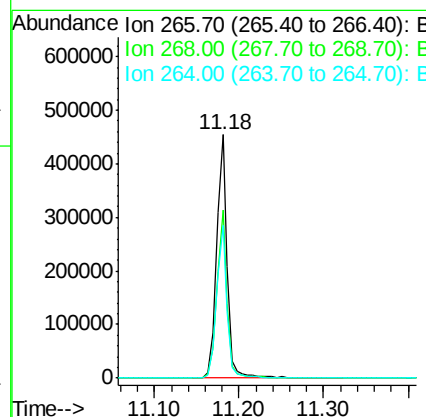
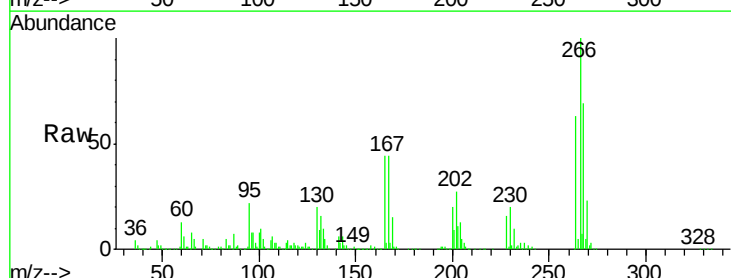
Manual Integrations
APPROVED

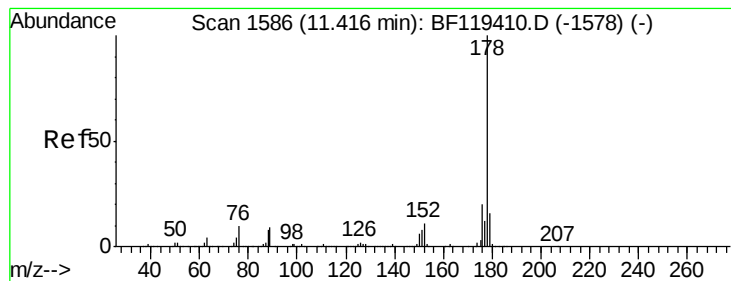
mohammad
3/27/2020 8:11:36 AM



#70
Pentachlorophenol
Concen: 45.893 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.1	53.7	80.5
264	62.8	52.5	78.7





#71

Phenanthrene

Concen: 40.563 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2738657

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

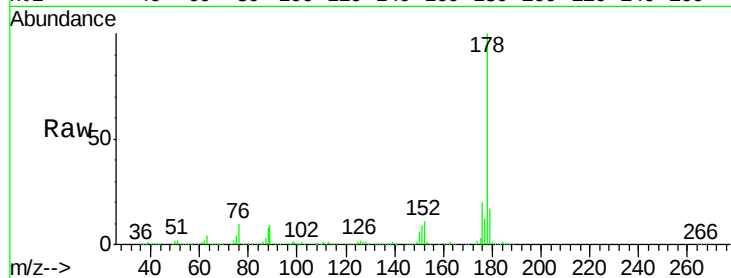
179 16.6 12.9 19.3

Manual Integrations

APPROVED

mohammad

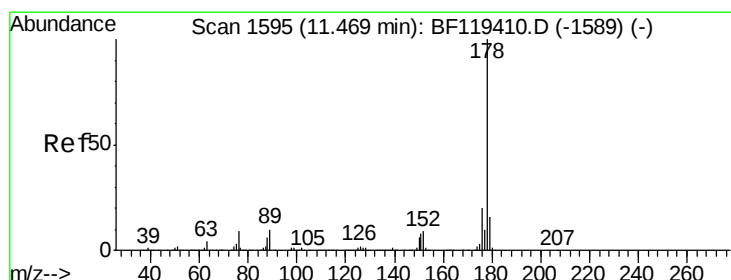
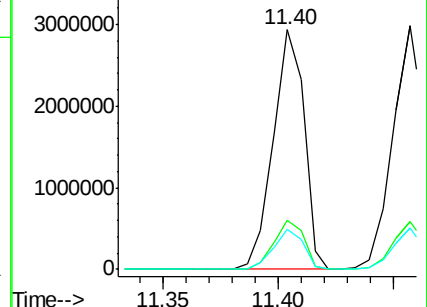
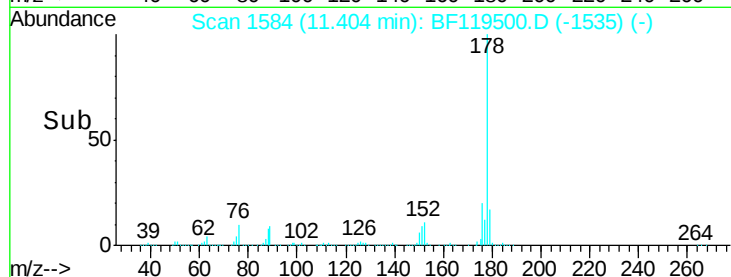
3/27/2020 8:11:36 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.793 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

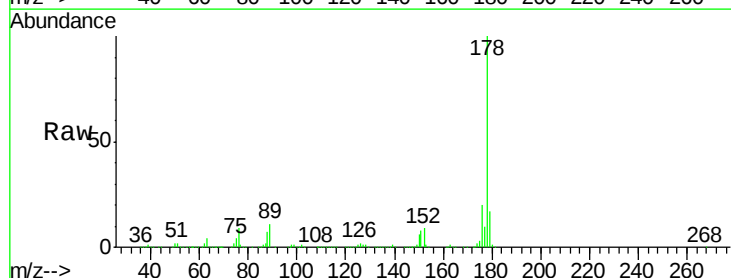
Tgt Ion:178 Resp: 2799151

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

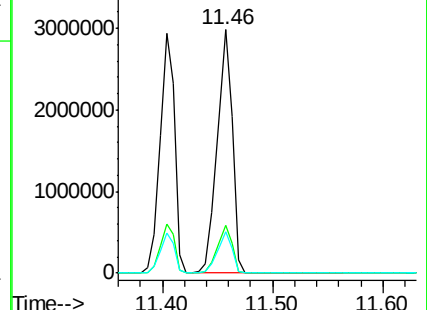
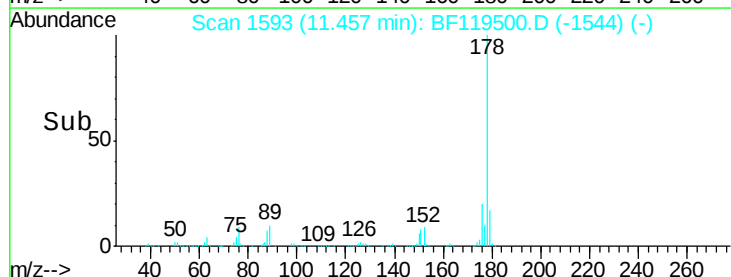
179 16.8 13.1 19.7

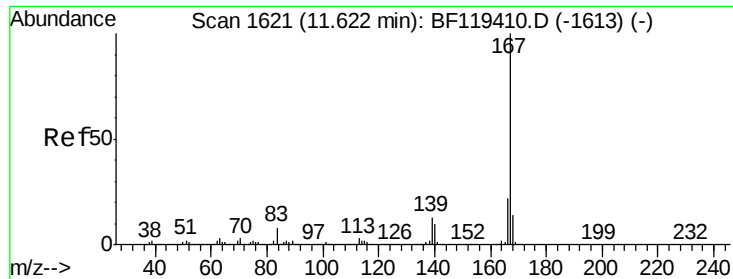


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





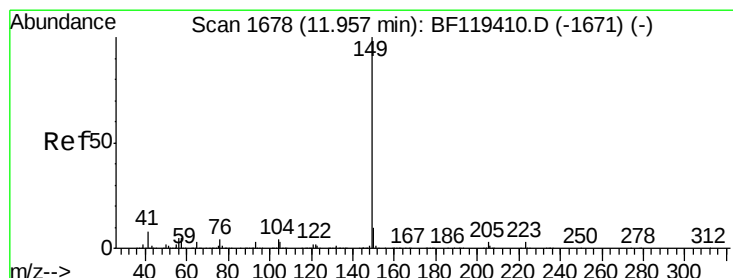
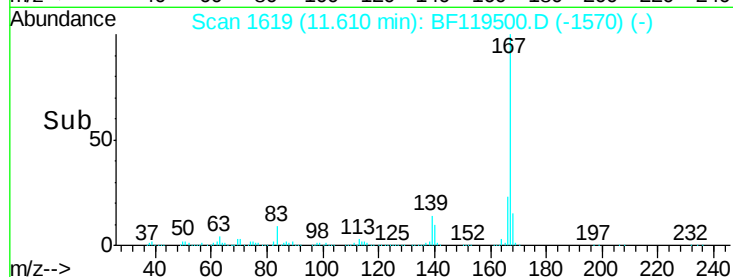
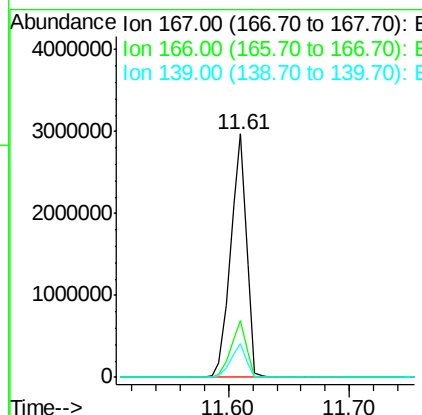
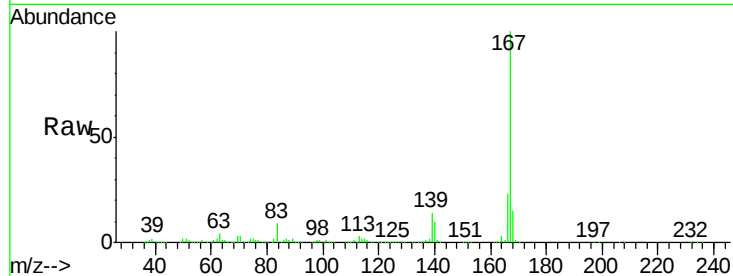
#73
 Carbazole
 Concen: 39.775 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2701457
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 13.8 10.2 15.4

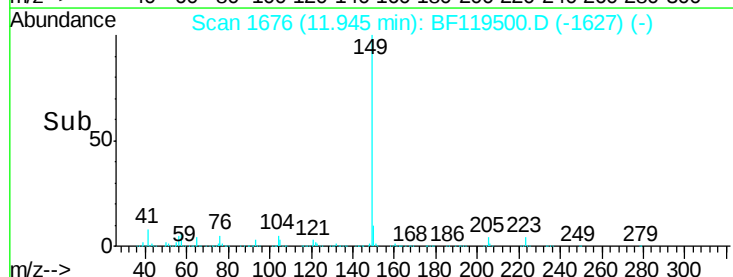
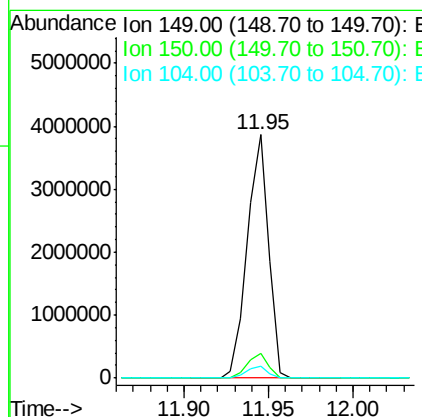
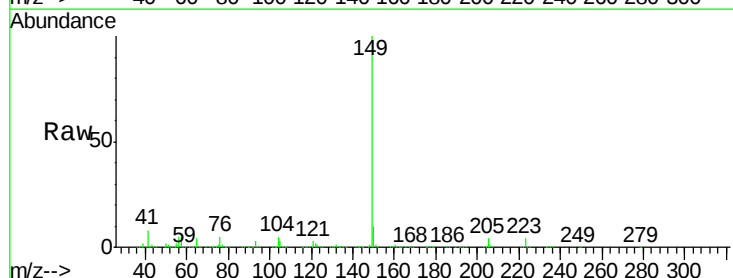
Manual Integrations
 APPROVED

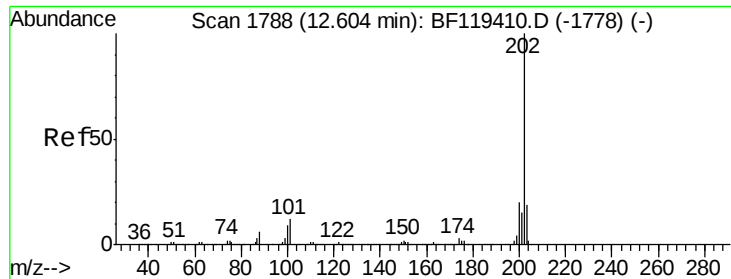
mohammad
 3/27/2020 8:11:36 AM



#74
 Di-n-butylphthalate
 Concen: 47.052 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion:149 Resp: 3418549
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.6 11.4
 104 5.0 3.5 5.3





#75

Fluoranthene

Concen: 41.012 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

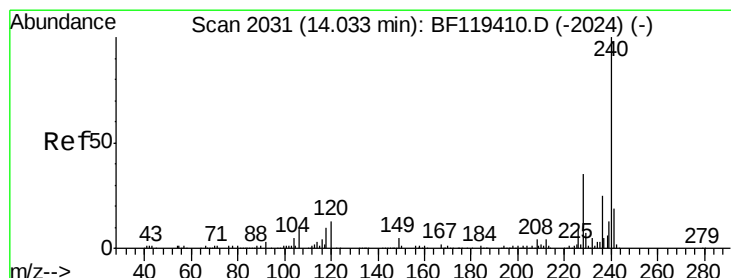
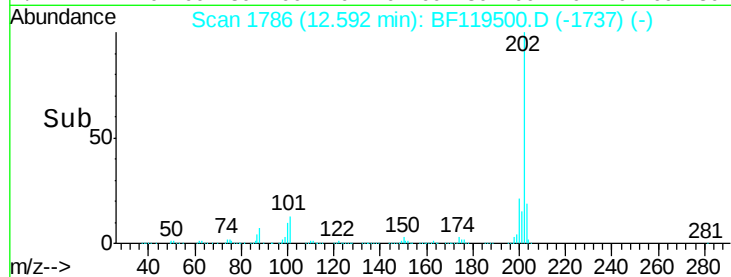
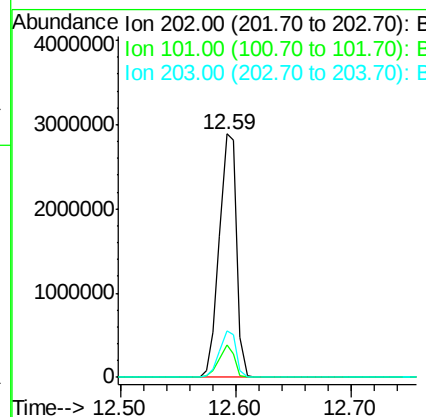
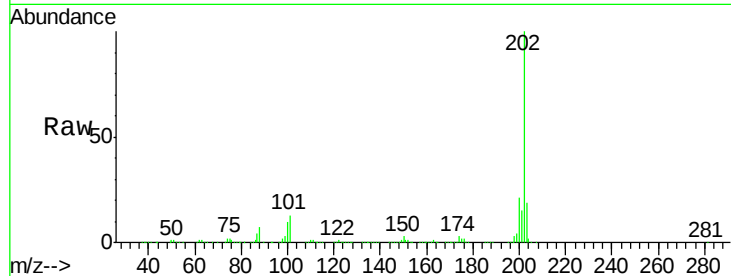
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	2996676
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.4
203	18.9	0.0	38.5

Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM



#76

Chrysene-d12

Concen: 20.000 ng

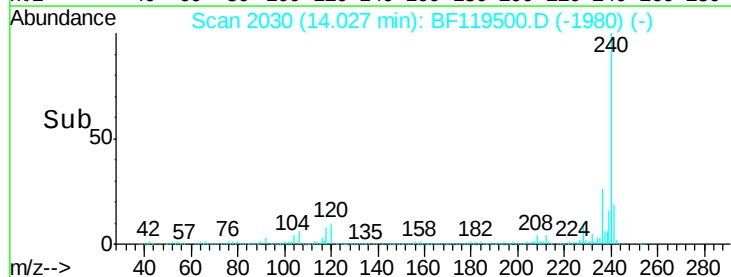
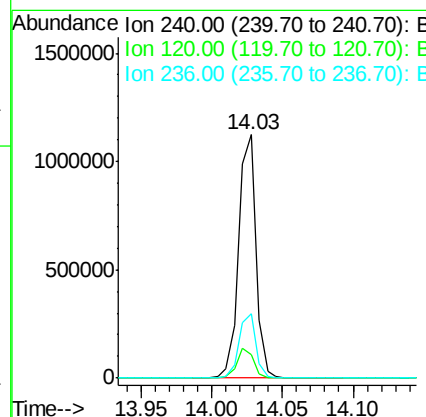
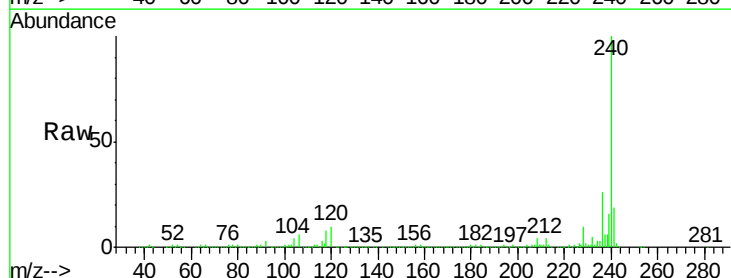
RT: 14.03 min Scan# 2030

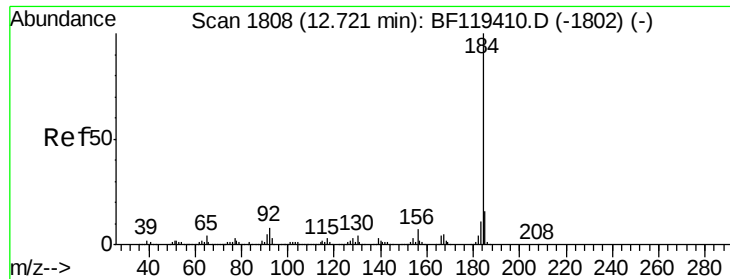
Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion:	240	Resp:	960188
Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.2	15.4#
236	26.2	20.4	30.6





#77

Benzidine

Concen: 31.827 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1293302

Ion Ratio Lower Upper

184 100

185 15.8 12.9 19.3

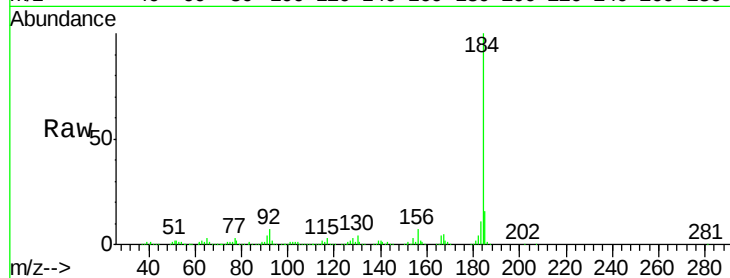
183 10.8 9.0 13.4

Manual Integrations

APPROVED

mohammad

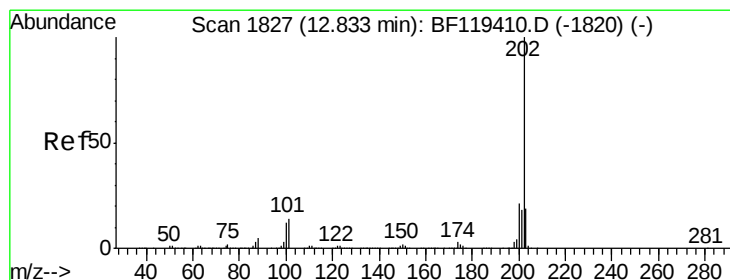
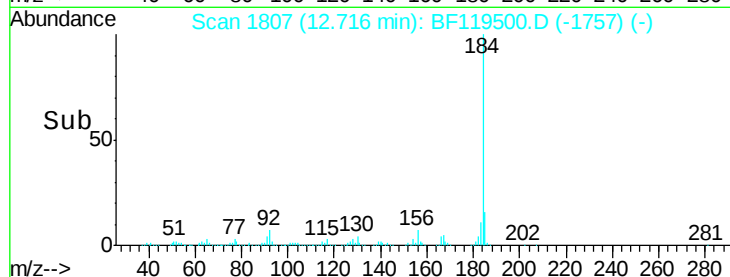
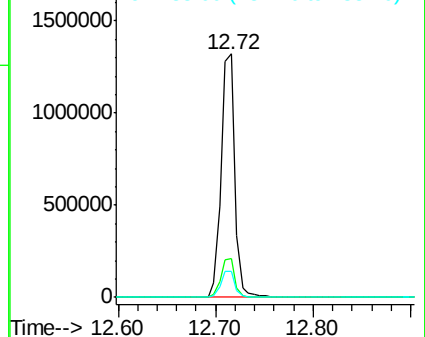
3/27/2020 8:11:36 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.207 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

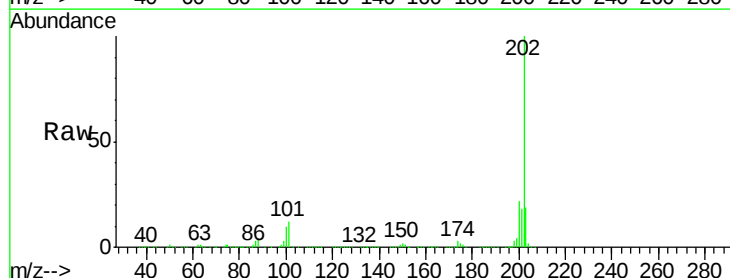
Tgt Ion:202 Resp: 3089561

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

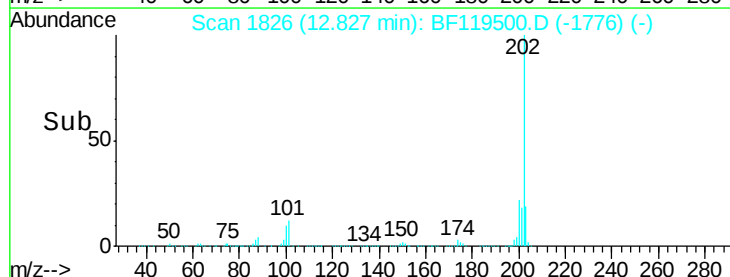
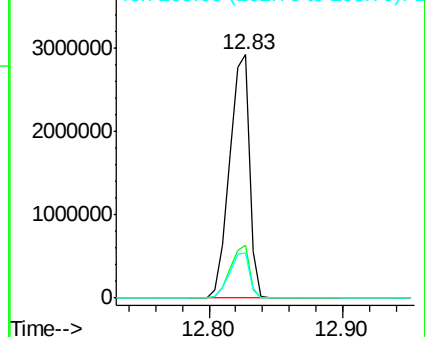
203 18.7 14.8 22.2

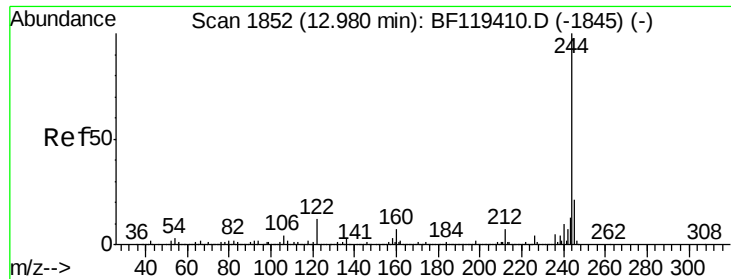


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





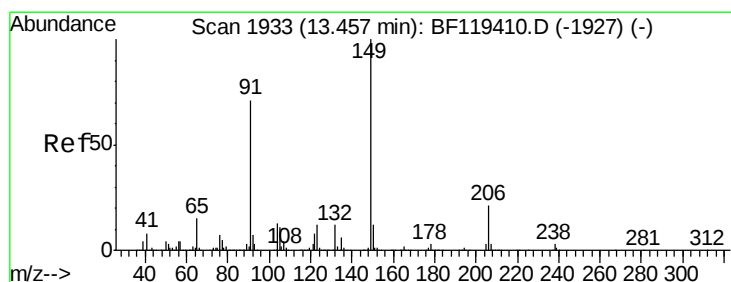
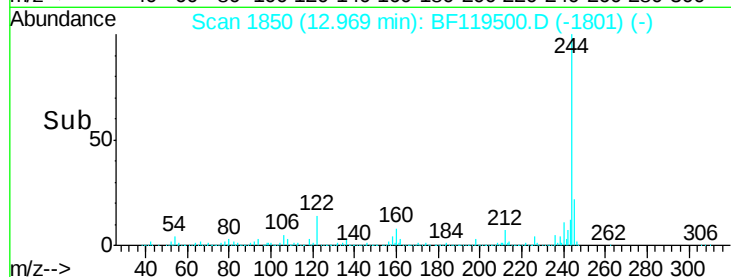
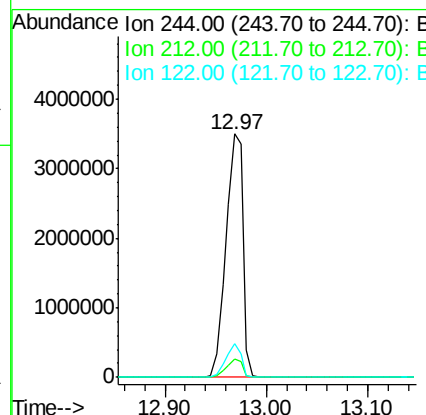
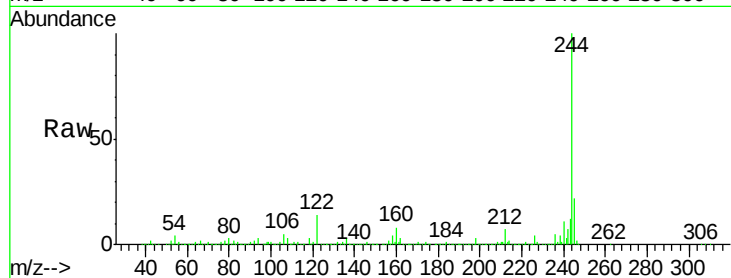
#79
 Terphenyl-d14
 Concen: 82.839 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	13.9	9.8	14.8

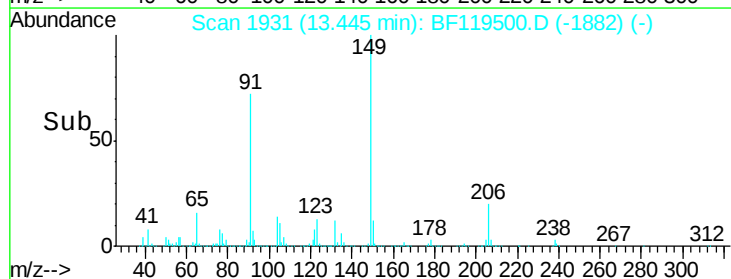
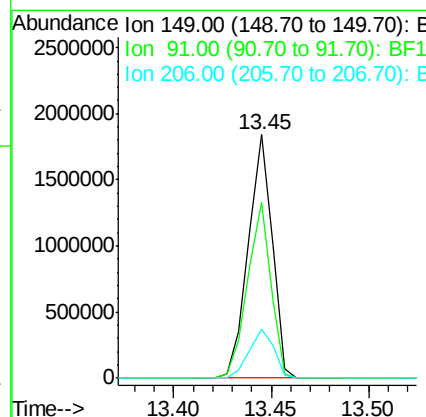
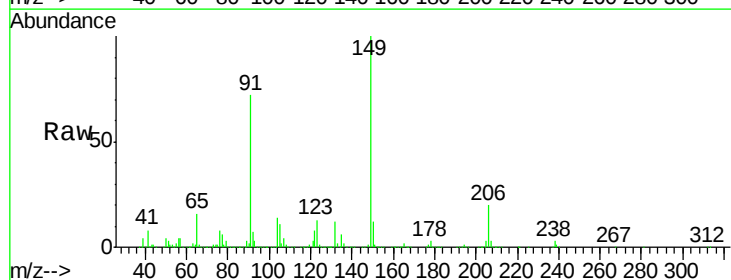
Manual Integrations
 APPROVED

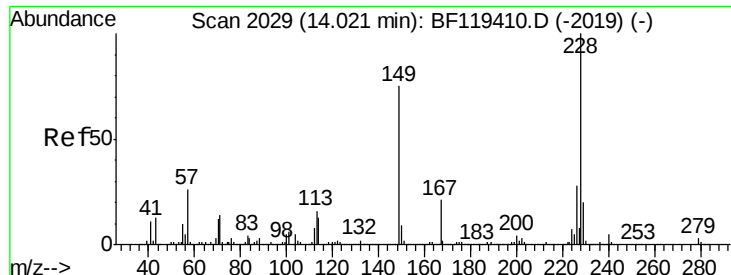
mohammad
 3/27/2020 8:11:36 AM



#80
 Butylbenzylphthalate
 Concen: 49.208 ng
 RT: 13.45 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.4	57.0	85.6
206	20.2	16.4	24.6





#81

Benzo(a)anthracene

Concen: 39.307 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2454331

Ion Ratio Lower Upper

228 100

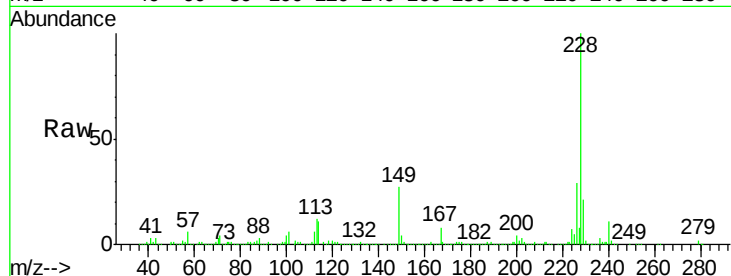
226 28.8 22.3 33.5

229 20.6 16.3 24.5

Manual Integrations
APPROVED

mohammad

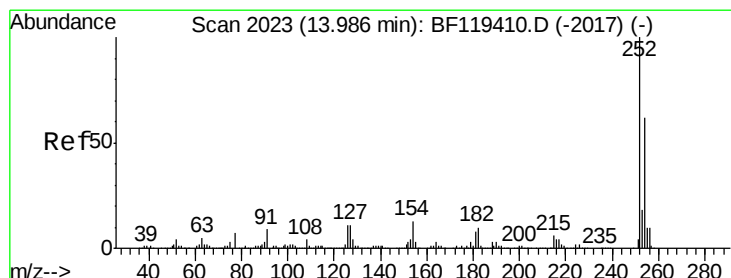
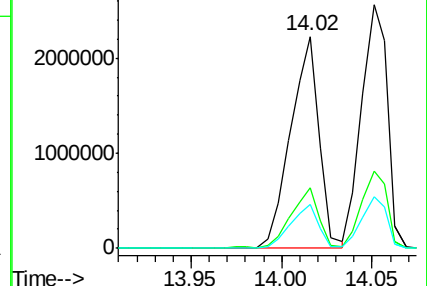
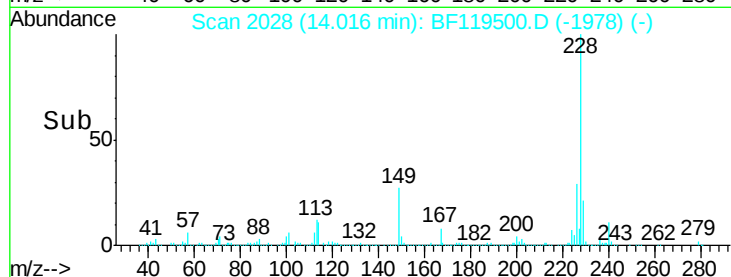
3/27/2020 8:11:36 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.873 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

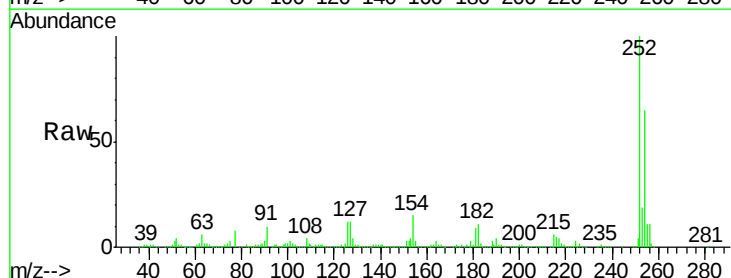
Tgt Ion:252 Resp: 1030873

Ion Ratio Lower Upper

252 100

254 64.9 49.8 74.8

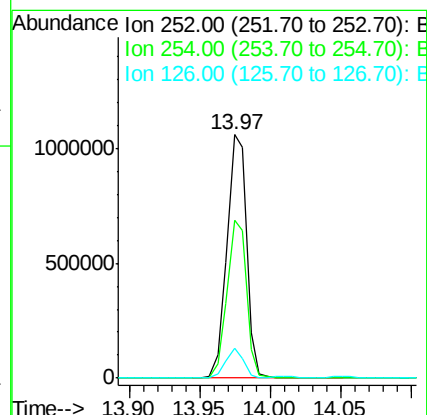
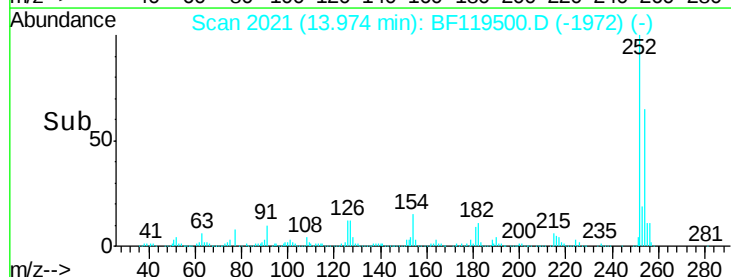
126 12.2 8.9 13.3

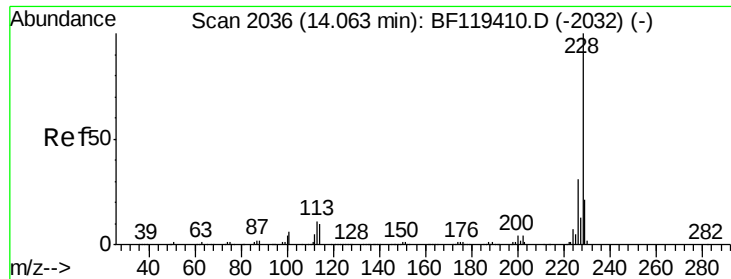


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





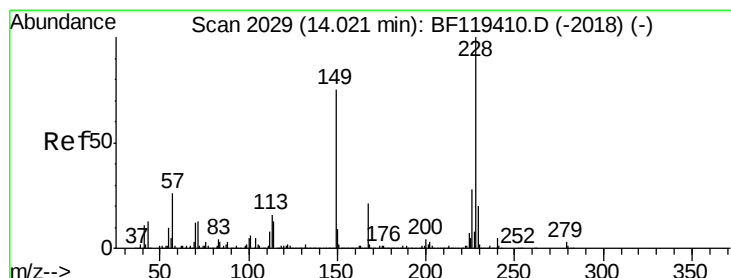
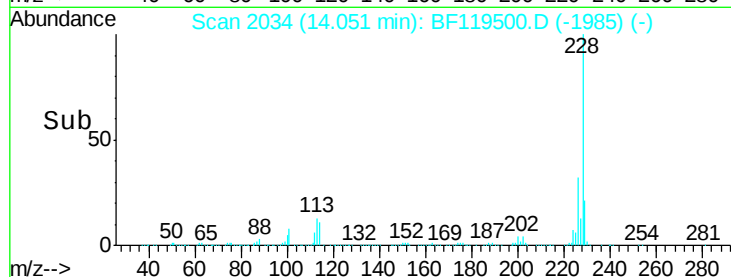
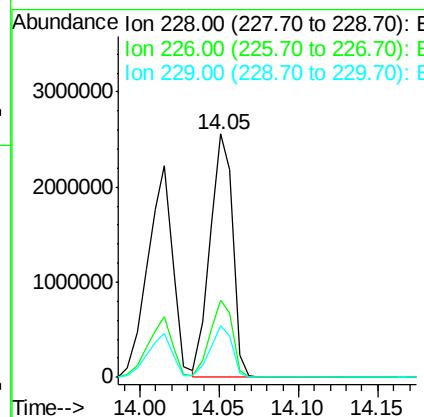
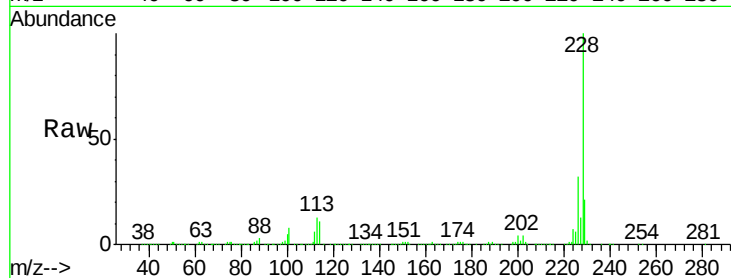
#83
Chrvsene
Concen: 39.556 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2548963
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 21.0 16.6 25.0

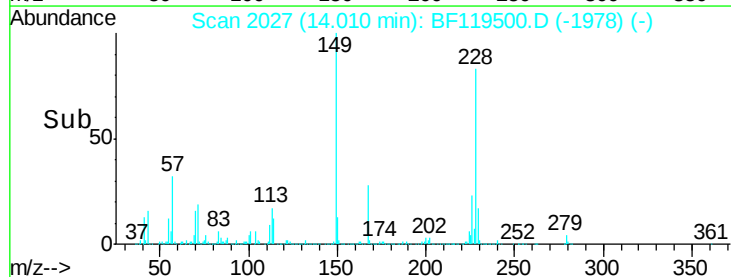
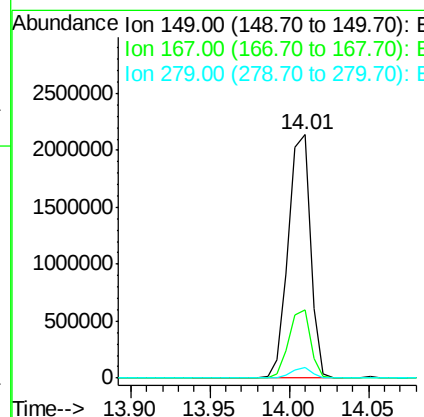
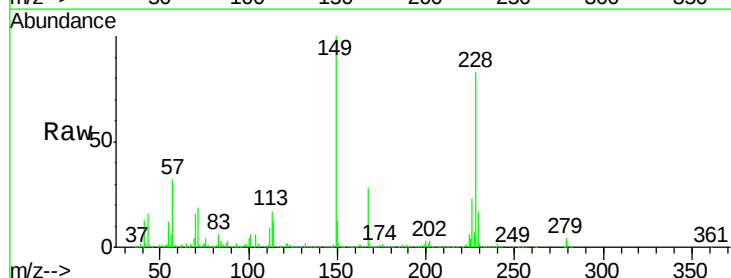
Manual Integrations
APPROVED

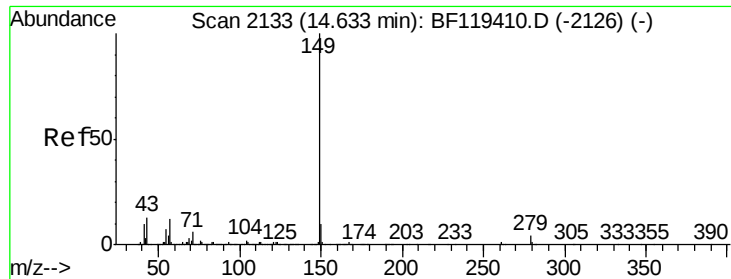
mohammad
3/27/2020 8:11:36 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.857 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion:149 Resp: 2084206
Ion Ratio Lower Upper
149 100
167 28.2 22.0 33.0
279 4.2 3.2 4.8





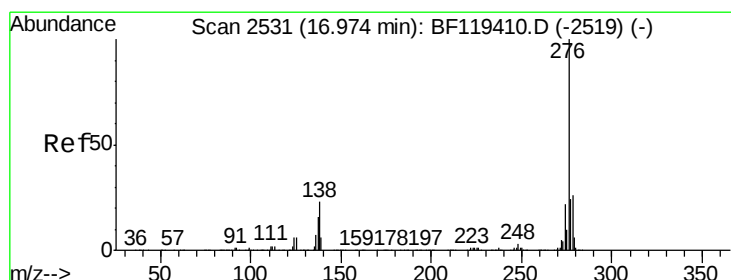
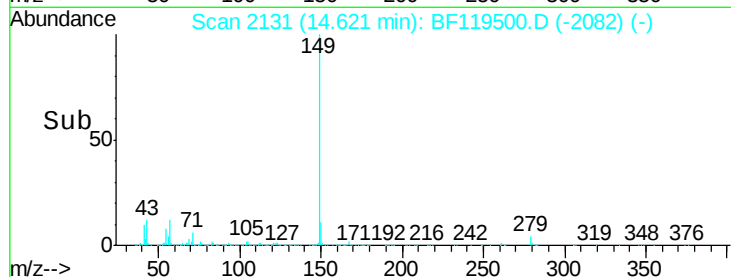
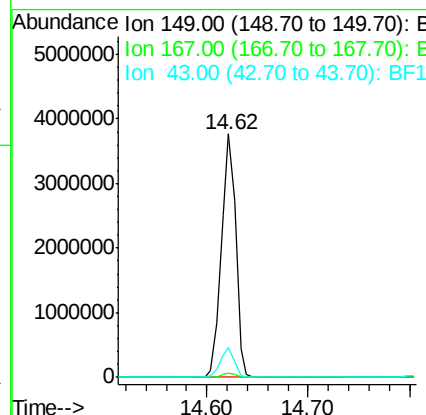
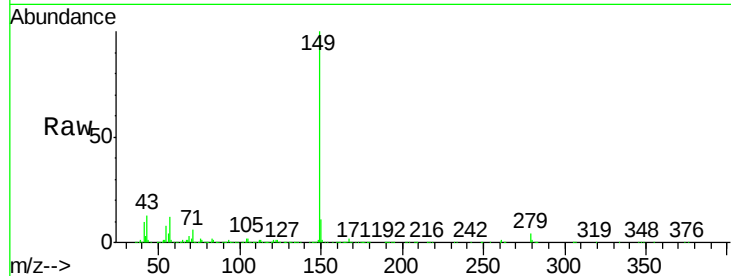
#85
Di-n-octyl phthalate
Concen: 55.389 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	11.9	10.1	15.1

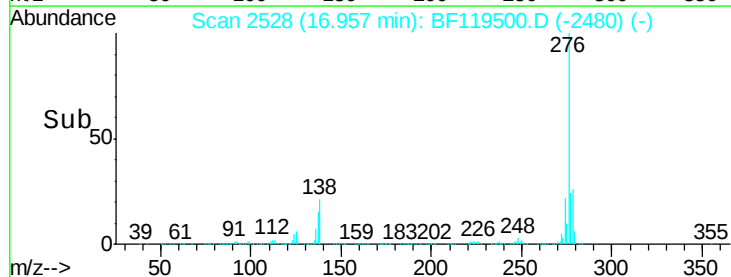
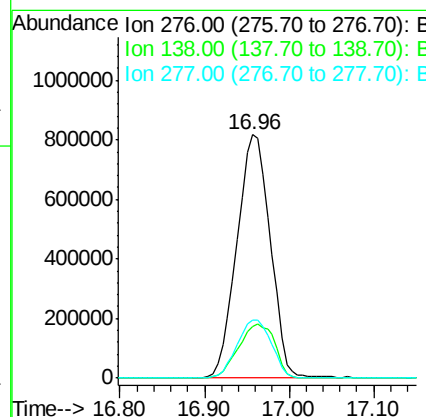
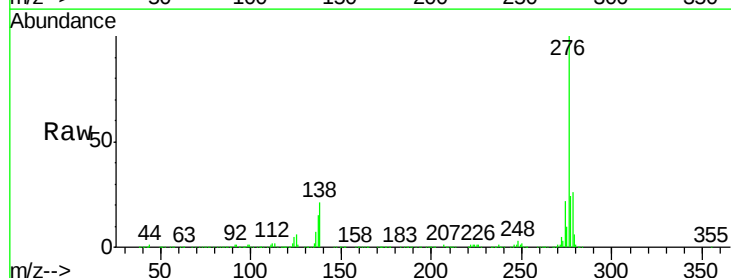
Manual Integrations
APPROVED

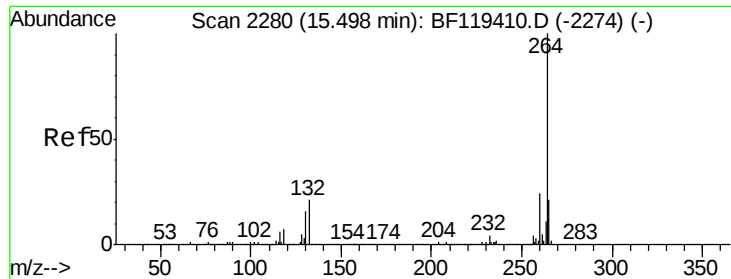
mohammad
3/27/2020 8:11:36 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.842 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.3	31.9
277	25.0	20.2	30.2





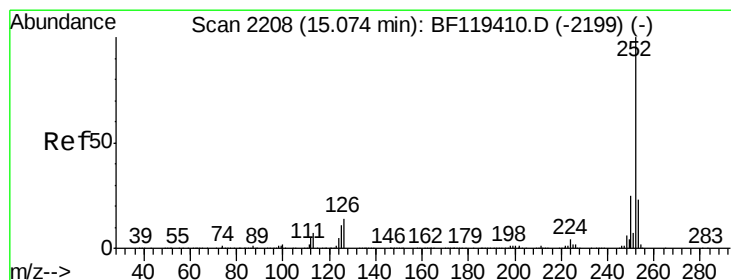
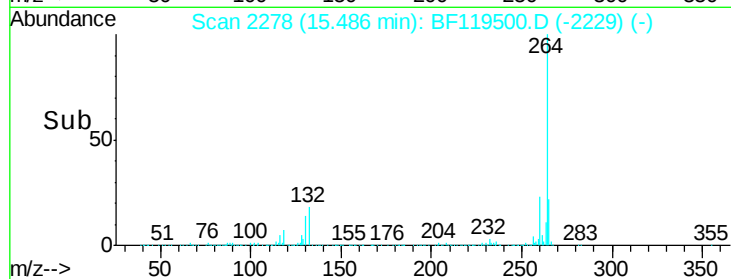
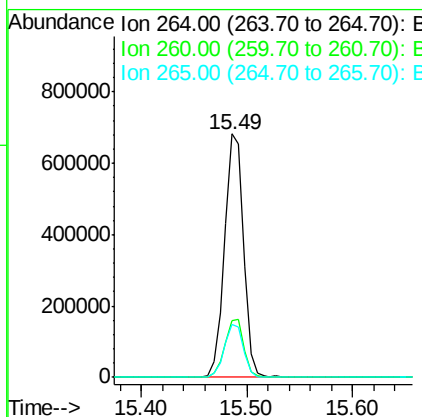
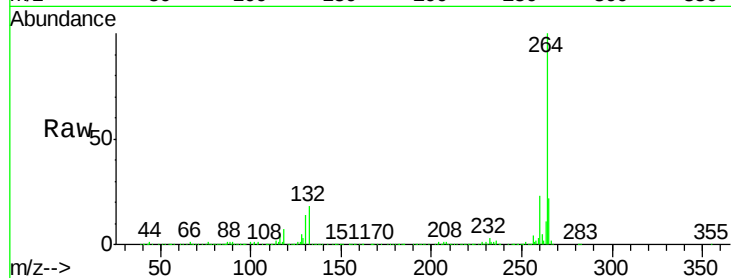
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	16.9	25.3

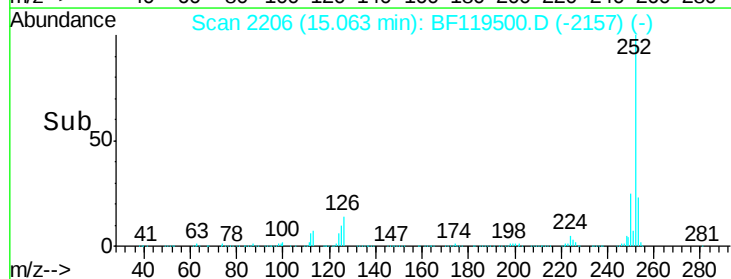
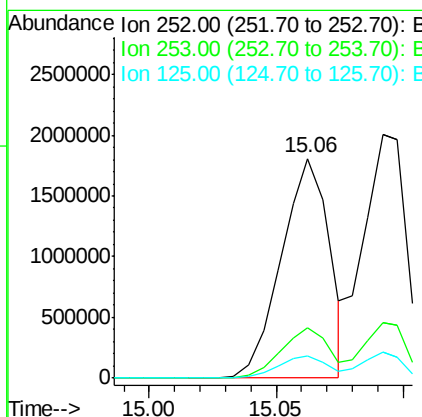
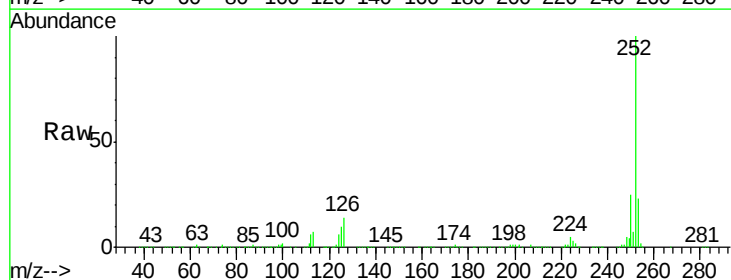
Manual Integrations
APPROVED

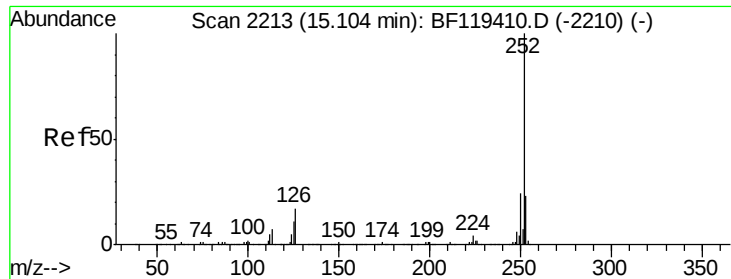
mohammad
3/27/2020 8:11:36 AM



#88
Benzo(b)fluoranthene
Concen: 42.008 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.4	8.8	13.2





#89

Benzo(k)fluoranthene

Concen: 43.811 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 2369474

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

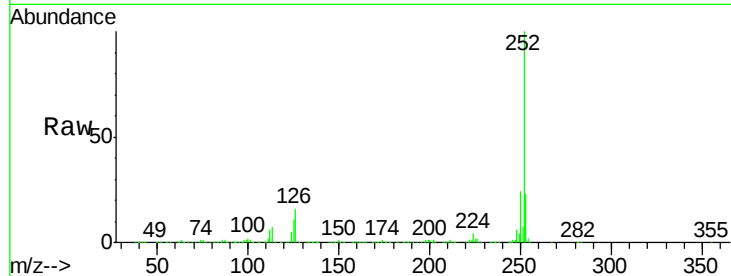
125 10.9 9.0 13.4

Manual Integrations

APPROVED

mohammad

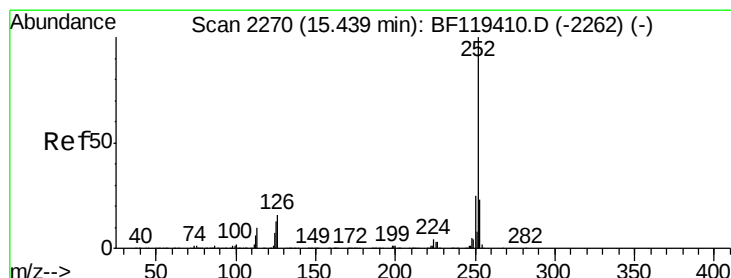
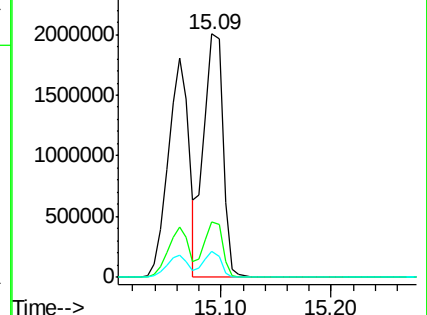
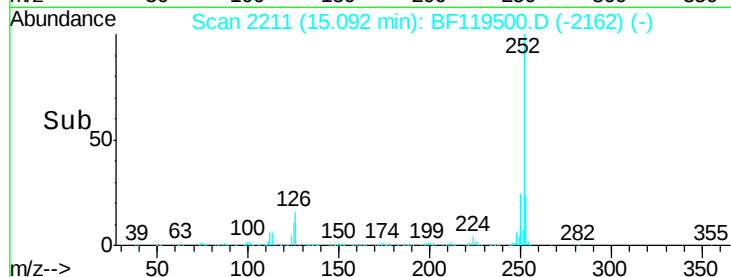
3/27/2020 8:11:36 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.311 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

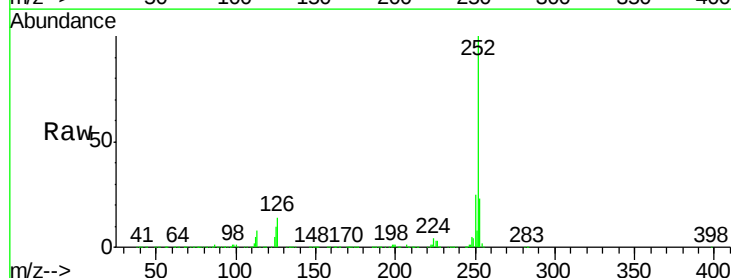
Tgt Ion:252 Resp: 2132396

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

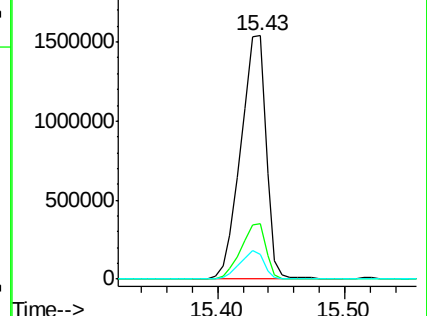
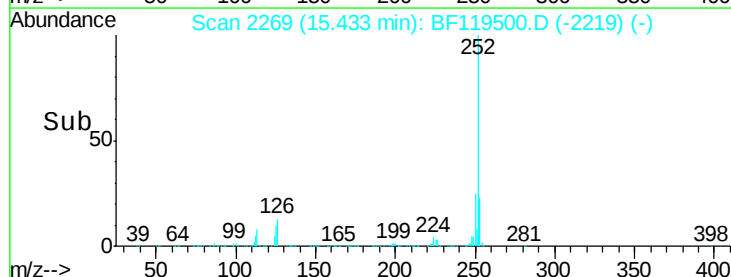
125 10.3 10.2 15.2

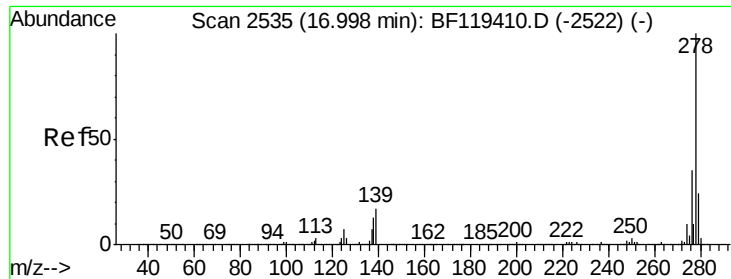


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





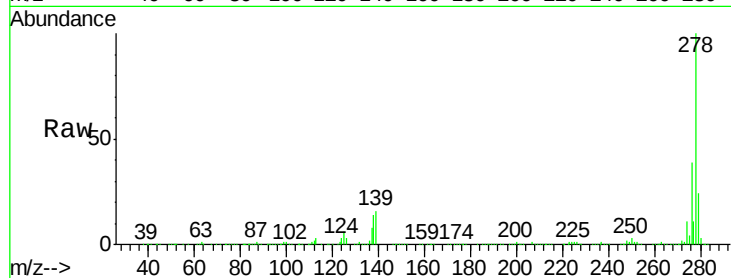
#91
Dibenzo(a,h)anthracene
Concen: 40.770 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

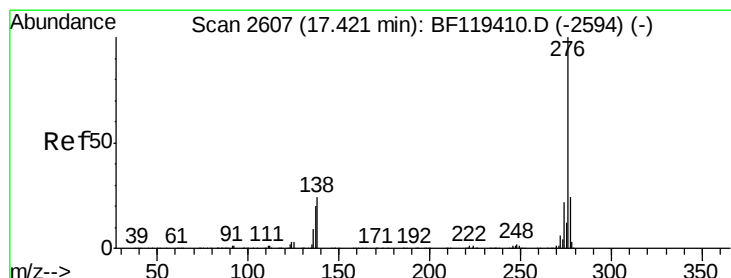
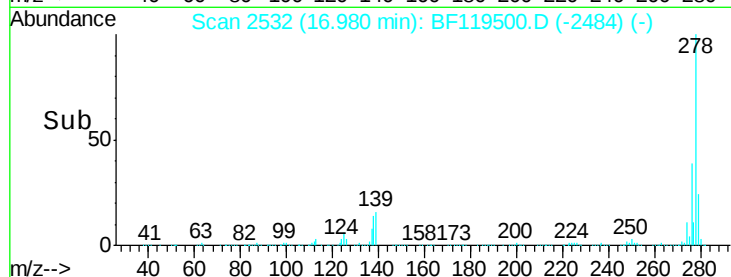
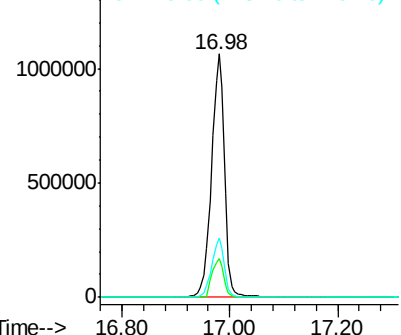
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.7	20.5
279	24.4	19.2	28.8

Manual Integrations
APPROVED

mohammad
3/27/2020 8:11:36 AM

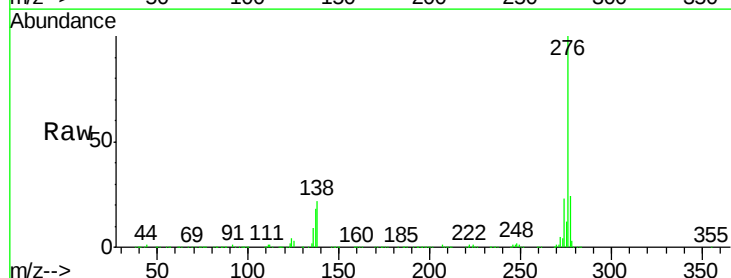


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.913 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.9	19.1	28.7



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

