

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119690.D
 Acq On : 2 Apr 2020 2:09
 Operator : MA/SJ
 Sample : PB127927BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BS

Manual Integrations
 APPROVED

mohammad
 4/3/2020 11:14:41 PM

Quant Time: Apr 02 03:02:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	229672	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	900842	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	471435	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	909929	20.00	ng	0.00
76) Chrysene-d12	13.99	240	664524	20.00	ng	-0.01
87) Perylene-d12	15.44	264	710498	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1663969	115.33	ng	0.02
7) Phenol-d6	6.45	99	2142422	116.25	ng	0.00
23) Nitrobenzene-d5	7.38	82	1339739	80.83	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	646399	132.90	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2563672	80.56	ng	0.00
79) Terphenyl-d14	12.93	244	2882971	85.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	222722	31.257	ng	96
3) Pyridine	3.35	79	614083	31.282	ng	94
4) n-Nitrosodimethylamine	3.30	42	329875	34.459	ng	89
6) Aniline	6.47	93	780445	30.682	ng	97
8) 2-Chlorophenol	6.60	128	685348	45.229	ng	95
9) Benzaldehyde	6.36	77	370090	31.655	ng	99
10) Phenol	6.46	94	854989	43.477	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	648688	41.244	ng	99
12) 1,3-Dichlorobenzene	6.75	146	676726	41.263	ng	97
13) 1,4-Dichlorobenzene	6.83	146	687801	41.928	ng	97
14) 1,2-Dichlorobenzene	6.99	146	647124	42.205	ng	97
15) Benzyl Alcohol	6.95	79	569275	41.063	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1175846	37.064	ng	99
17) 2-Methylphenol	7.07	107	557374	40.146	ng	97
18) Hexachloroethane	7.33	117	258002	42.917	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	464712	41.833	ng	98
20) 3+4-Methylphenols	7.22	107	668396	39.283	ng	# 78
22) Acetophenone	7.22	105	871850	40.503	ng	# 88
24) Nitrobenzene	7.40	77	703929	39.738	ng	95
25) Isophorone	7.64	82	1327673	39.486	ng	99
26) 2-Nitrophenol	7.71	139	370639	53.140	ng	93
27) 2,4-Dimethylphenol	7.75	122	591218	40.994	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	845903	42.544	ng	99
29) 2,4-Dichlorophenol	7.95	162	569496	42.976	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	601317	41.032	ng	97
31) Naphthalene	8.12	128	1916106	41.332	ng	99
32) Benzoic acid	7.87	122	445509	48.023	ng	94
33) 4-Chloroaniline	8.16	127	447585	21.071	ng	99
34) Hexachlorobutadiene	8.24	225	340514	41.529	ng	97
35) Caprolactam	8.54	113	182794m	42.149	ng	
36) 4-Chloro-3-methylphenol	8.65	107	623303	43.036	ng	99
37) 2-Methylnaphthalene	8.82	142	1316982	43.287	ng	97
38) 1-Methylnaphthalene	8.91	142	1261835	43.818	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	554440	40.124	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119690.D
 Acq On : 2 Apr 2020 2:09
 Operator : MA/SJ
 Sample : PB127927BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BS

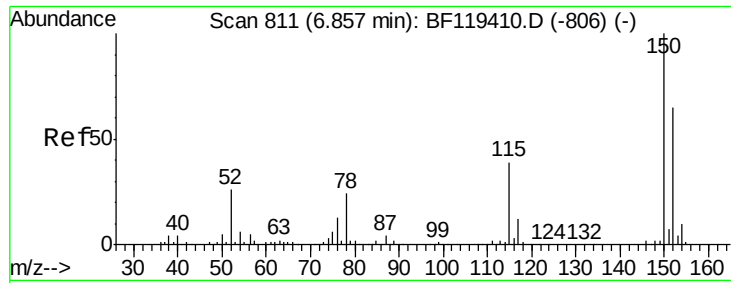
Manual Integrations
 APPROVED

mohammad
 4/3/2020 11:14:41 PM

Quant Time: Apr 02 03:02:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	698248	88.883	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	429909	43.475	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	448302	40.470	nq	98
46) 1,1'-Biphenyl	9.28	154	1599108	41.648	nq	98
47) 2-Chloronaphthalene	9.30	162	1242182	41.301	nq	98
48) 2-Nitroaniline	9.40	65	446187	42.981	nq	92
49) Acenaphthylene	9.72	152	1968471	41.678	nq	98
50) Dimethylphthalate	9.58	163	1447900	43.239	nq	99
51) 2,6-Dinitrotoluene	9.64	165	327375	45.611	nq	91
52) Acenaphthene	9.89	154	1350062	45.852	nq	99
53) 3-Nitroaniline	9.80	138	242590	26.771	nq	99
54) 2,4-Dinitrophenol	9.92	184	328934	103.555	nq	99
55) Dibenzofuran	10.06	168	1774713	42.040	nq	100
56) 4-Nitrophenol	9.97	139	574233	80.330	nq	91
57) 2,4-Dinitrotoluene	10.05	165	436250	48.248	nq	95
58) Fluorene	10.41	166	1355947	43.435	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	372610	45.000	nq	98
60) Diethylphthalate	10.28	149	1497941	44.075	nq	100
61) 4-Chlorophenyl-phenylether	10.40	204	648129	42.456	nq	99
62) 4-Nitroaniline	10.43	138	358239	41.227	nq	93
63) Azobenzene	10.56	77	1427285	41.703	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	225899	59.204	nq	89
66) n-Nitrosodiphenylamine	10.52	169	1263004	42.281	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	434625	41.940	nq	99
68) Hexachlorobenzene	10.96	284	465471	43.886	nq	# 90
69) Atrazine	11.05	200	387578	47.327	nq	99
70) Pentachlorophenol	11.15	266	508909	81.831	nq	99
71) Phenanthrene	11.37	178	1959234	41.525	nq	99
72) Anthracene	11.42	178	2017061	42.063	nq	100
73) Carbazole	11.57	167	1861021	39.209	nq	99
74) Di-n-butylphthalate	11.91	149	2312319	45.541	nq	100
75) Fluoranthene	12.56	202	2138478	41.880	nq	99
77) Benzidine	12.68	184	1122776	39.924	nq	99
78) Pyrene	12.79	202	2151638	39.453	nq	99
80) Butylbenzylphthalate	13.41	149	982556	44.545	nq	98
81) Benzo(a)anthracene	13.97	228	1707646	39.517	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	439225	25.779	nq	98
83) Chrysene	14.02	228	1776509	39.834	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1278099	48.607	nq	99
85) Di-n-octyl phthalate	14.58	149	2316133	50.084	nq	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	1978490	47.105	nq	99
88) Benzo(b)fluoranthene	15.02	252	1957420	41.243	nq	98
89) Benzo(k)fluoranthene	15.05	252	1763724	39.027	nq	100
90) Benzo(a)pyrene	15.38	252	1710562	39.659	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	1636364	43.375	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1607012	42.400	nq	97

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



#1

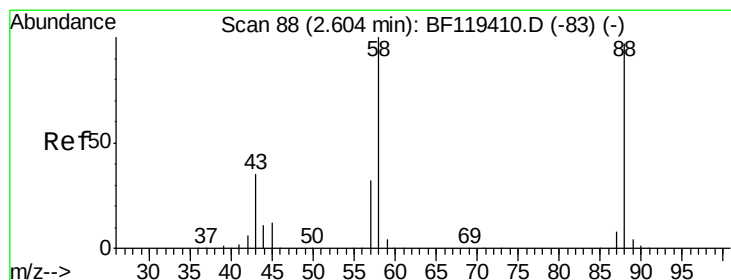
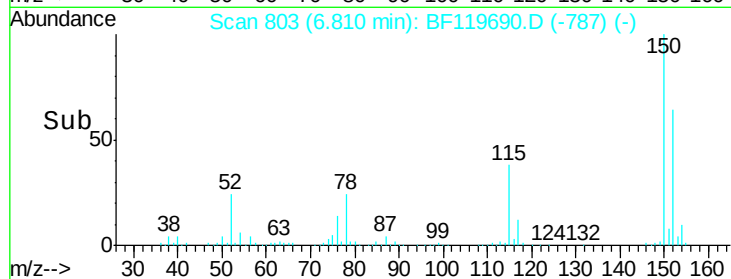
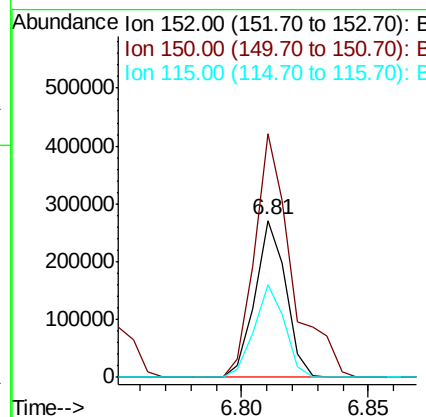
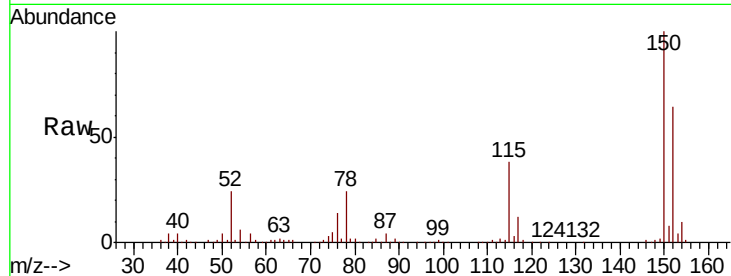
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.5	186.7
115	59.2	49.6	74.4

Manual Integrations
APPROVED

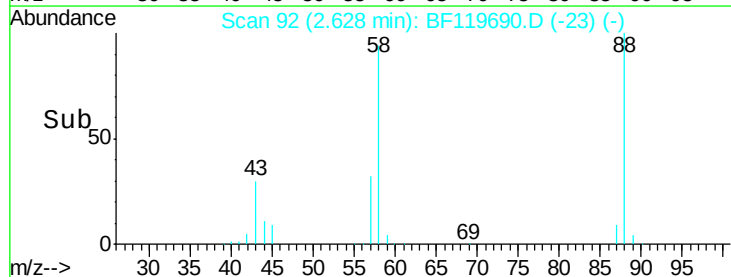
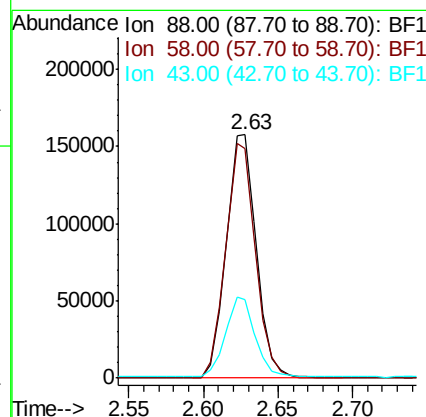
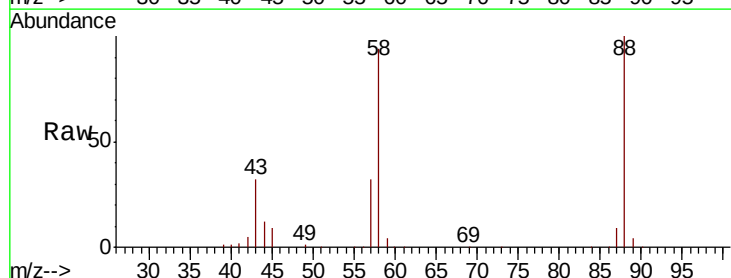
mohammad
4/3/2020 11:14:41 PM

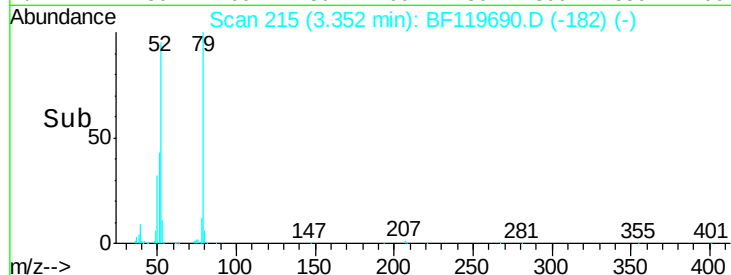
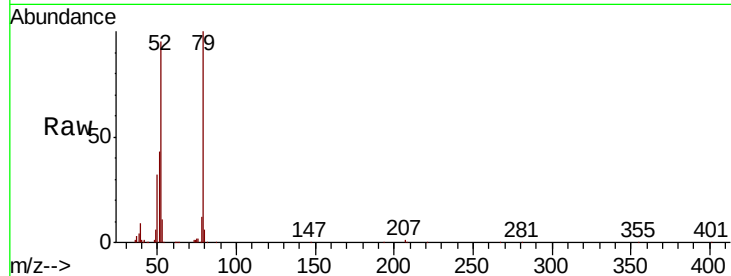
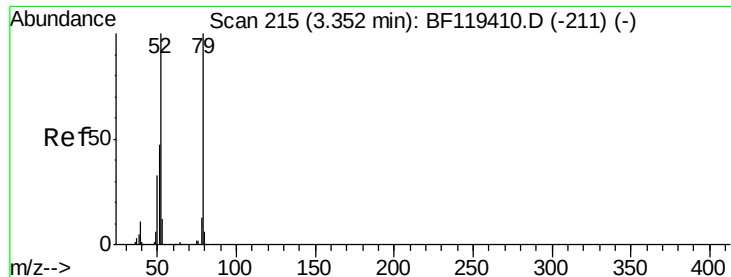


#2

1,4-Dioxane
Concen: 31.257 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.11 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.8	80.6	121.0
43	32.7	27.5	41.3





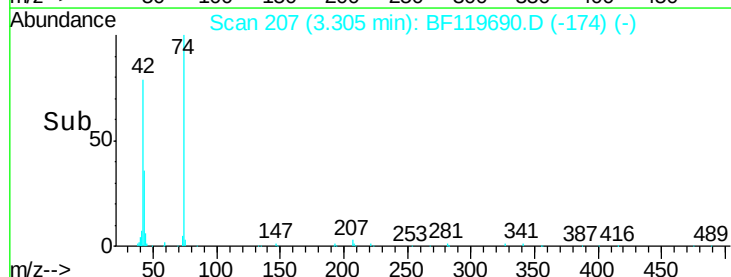
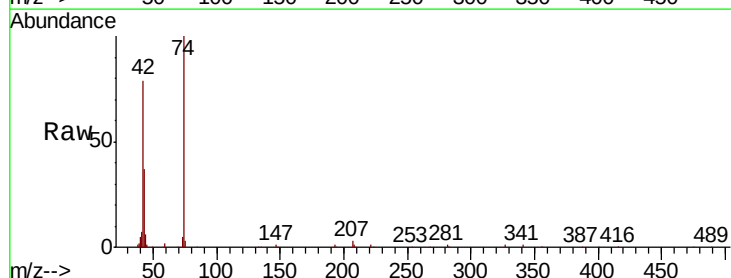
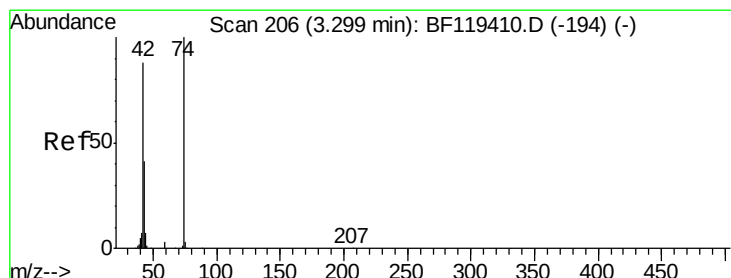
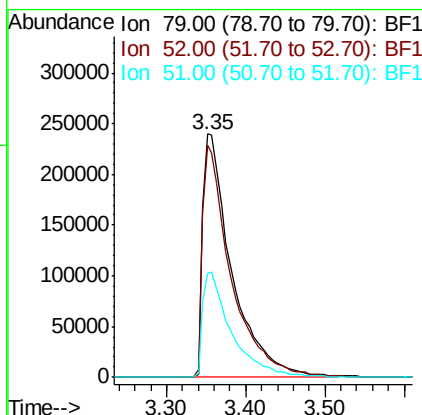
#3
 Pvridine
 Concen: 31.282 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.09 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.1	80.2	120.2
51	42.8	37.7	56.5

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BS

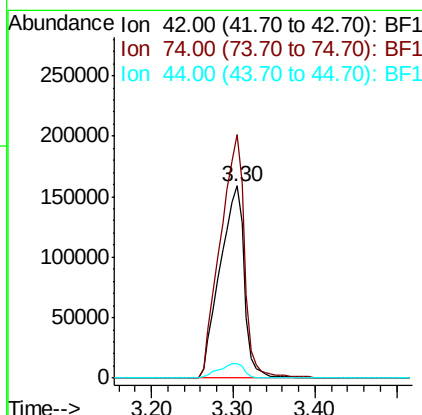
Manual Integrations
 APPROVED

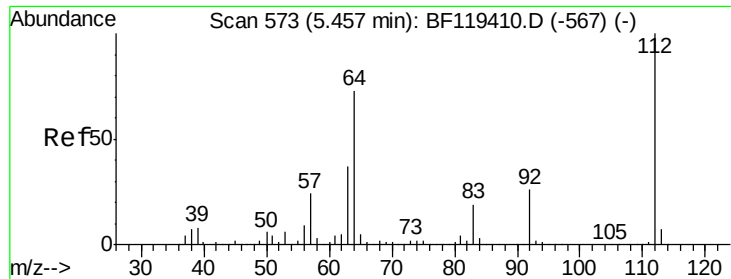
mohammad
 4/3/2020 11:14:41 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.459 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.09 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.6	91.5	137.3
44	7.6	6.2	9.4





#5

2-Fluorophenol

Concen: 115.333 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

ClientSampleId :

PB127927BS

Tot Ion:112 Resp: 1663969

Ion Ratio Lower Upper

112 100

64 69.6 56.7 85.1

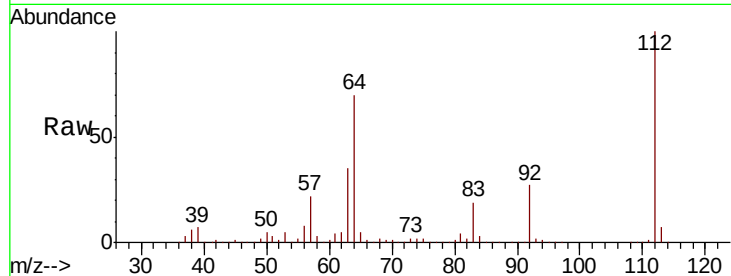
63 35.1 29.5 44.3

Manual Integrations

APPROVED

mohammad

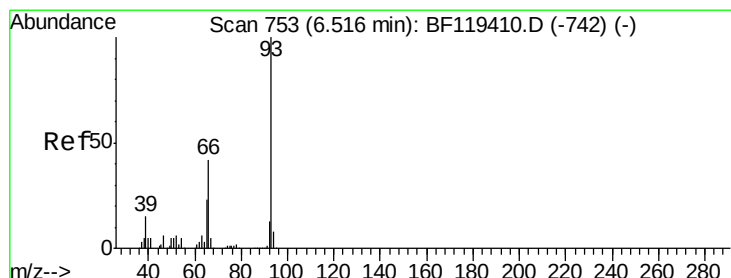
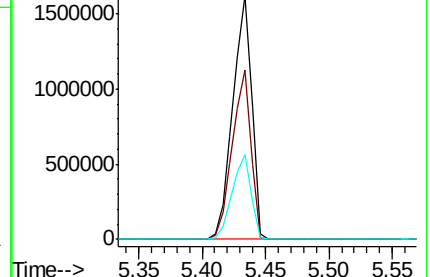
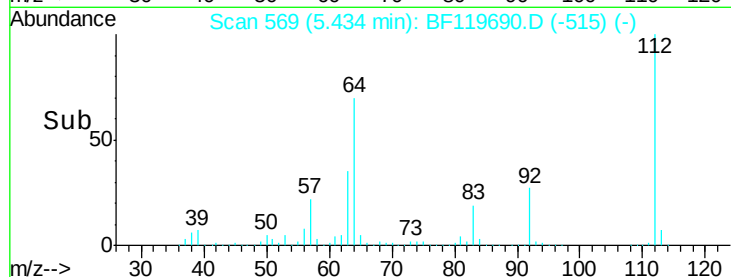
4/3/2020 11:14:41 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.682 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

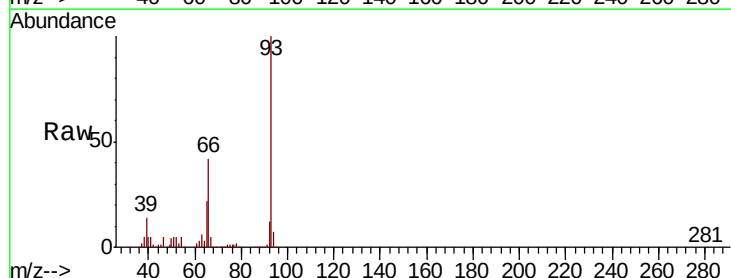
Tgt Ion: 93 Resp: 780445

Ion Ratio Lower Upper

93 100

66 41.6 34.9 52.3

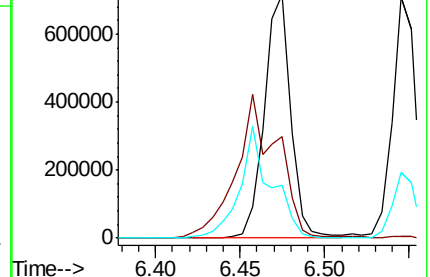
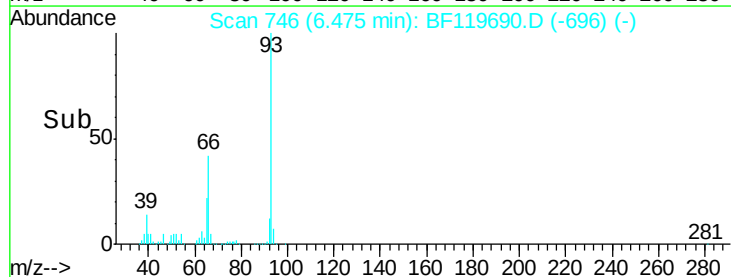
65 21.9 18.6 27.8

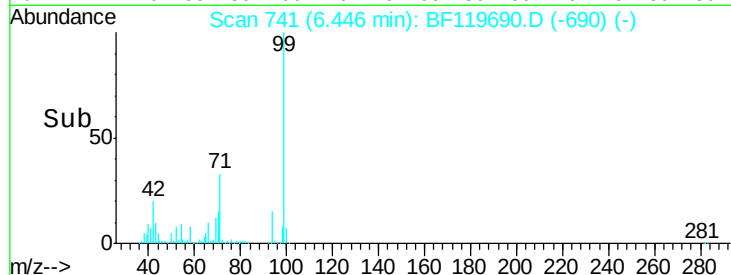
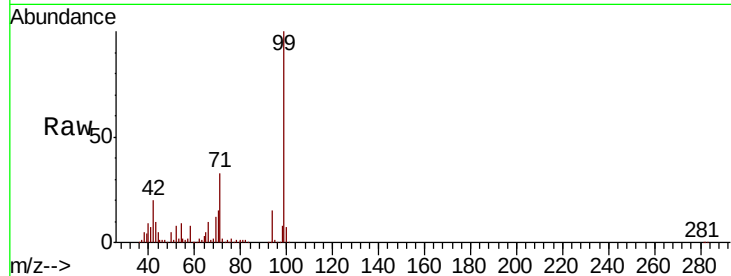
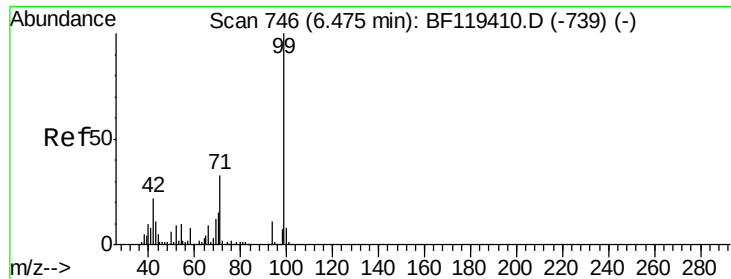


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.246 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Tot Ion: 99 Resp: 2142422

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

71 32.5 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

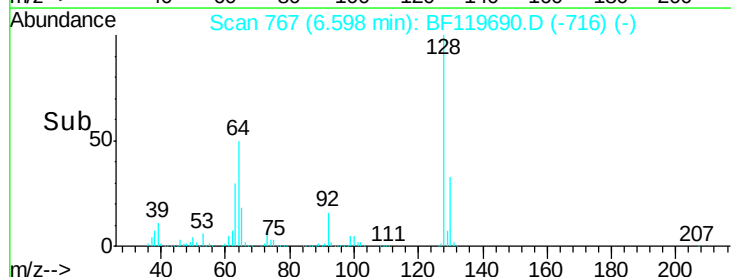
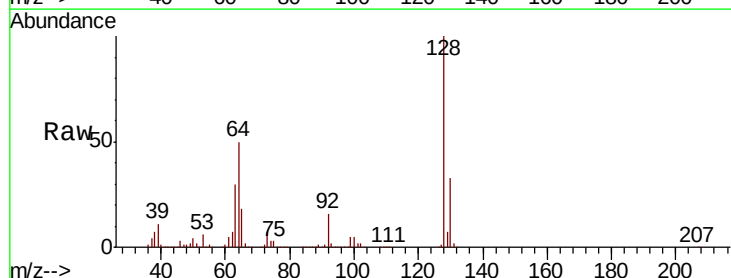
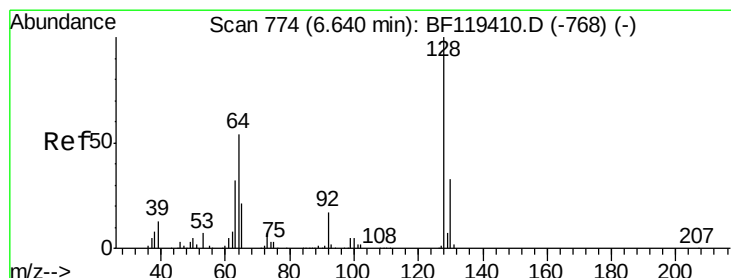
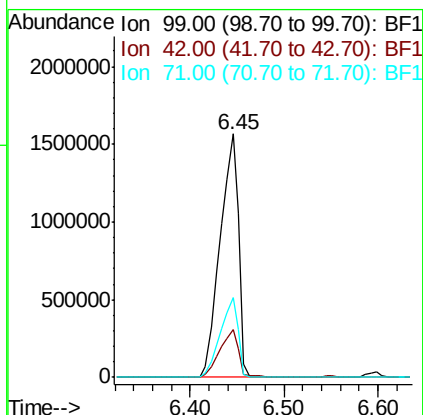
PB127927BS

Manual Integrations

APPROVED

mohammad

4/3/2020 11:14:41 PM



#8

2-Chlorophenol

Concen: 45.229 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

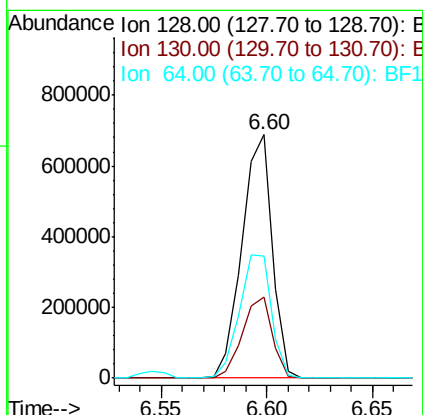
Tgt Ion: 128 Resp: 685348

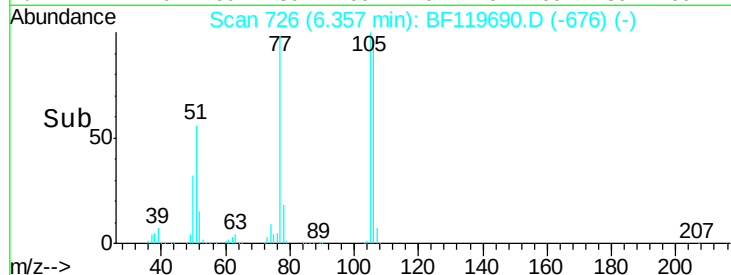
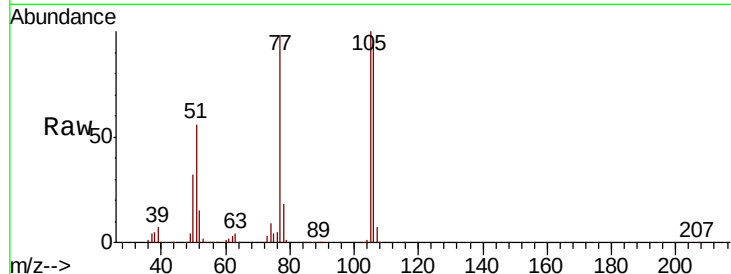
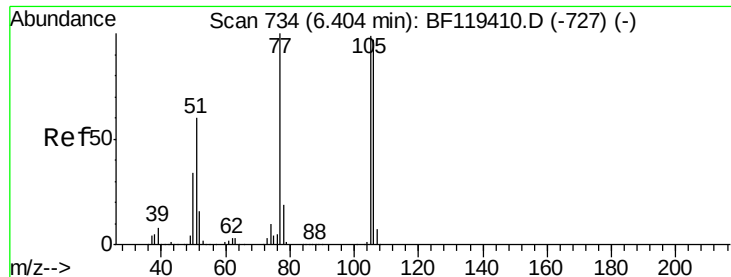
Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

64 50.3 35.3 75.3





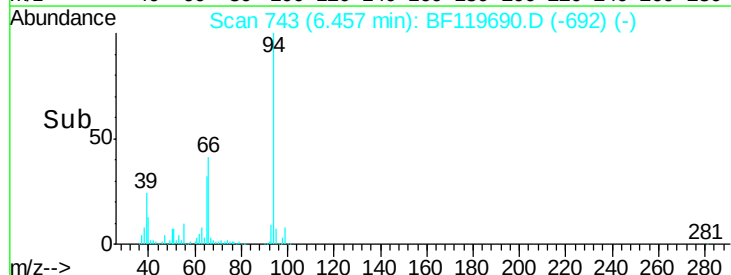
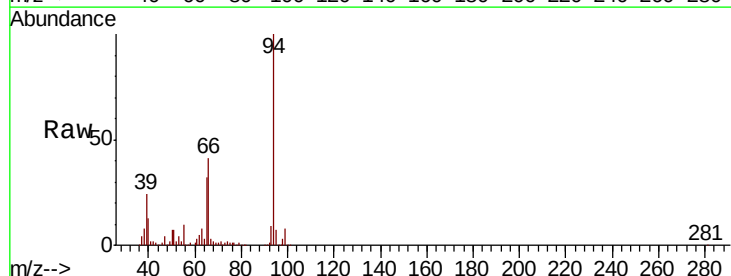
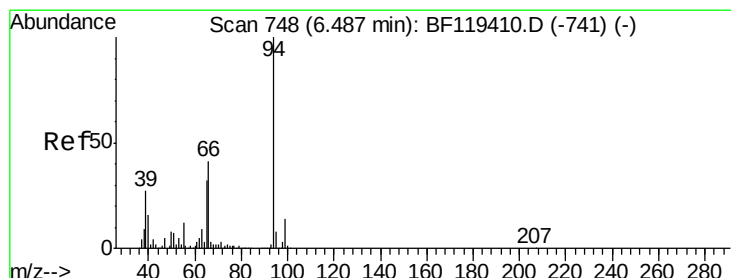
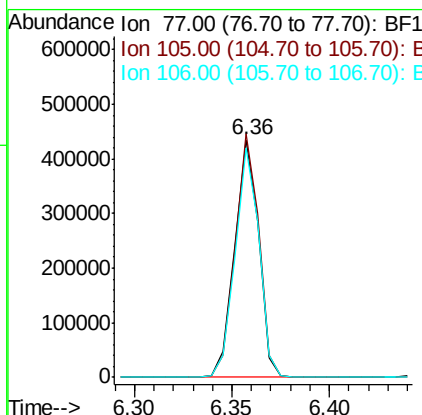
#9
Benzaldehyde
Concen: 31.655 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
105	102.6	80.9	120.9	
106	96.7	77.9	117.9	

Instrument :
BNA_F
ClientSampleId :
PB127927BS

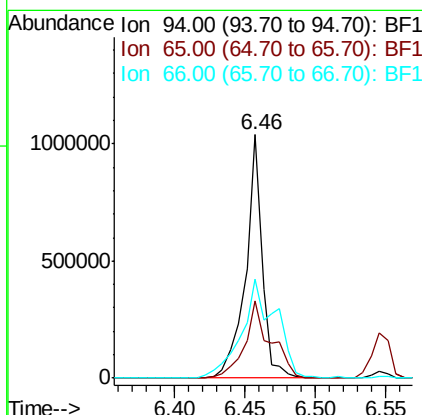
Manual Integrations
APPROVED

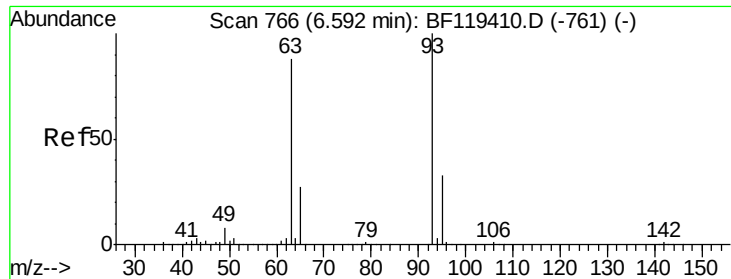
mohammad
4/3/2020 11:14:41 PM



#10
Phenol
Concen: 43.477 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
94	100			
65	31.5	13.2	53.2	
66	40.7	22.3	62.3	





#11

bis(2-Chloroethyl)ether

Concen: 41.244 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

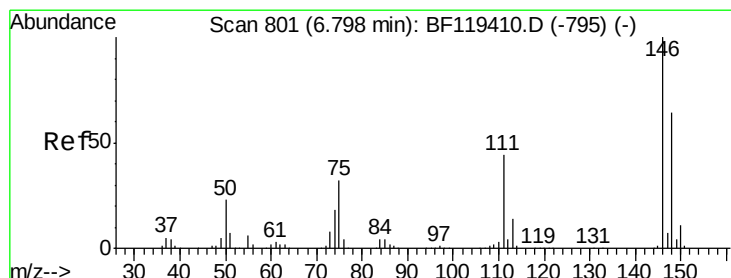
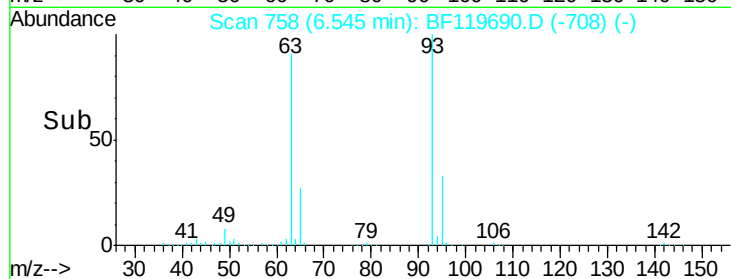
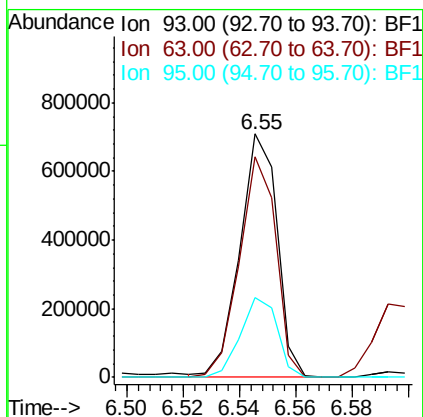
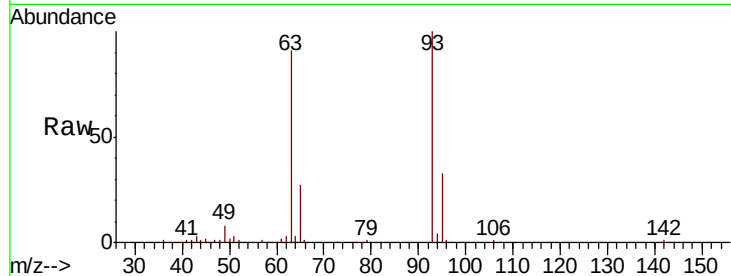
ClientSampleId :

PB127927BS

Tot Ion:	93	Resp:	648688
Ion Ratio	Lower	Upper	
93	100		
63	90.8	70.2	110.2
95	33.0	13.4	53.4

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



#12

1,3-Dichlorobenzene

Concen: 41.263 ng

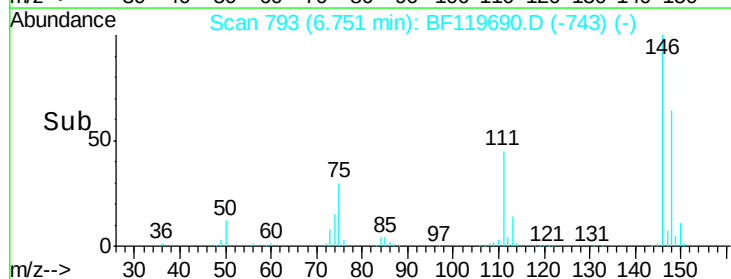
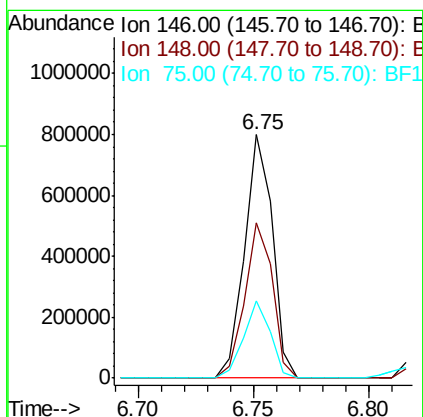
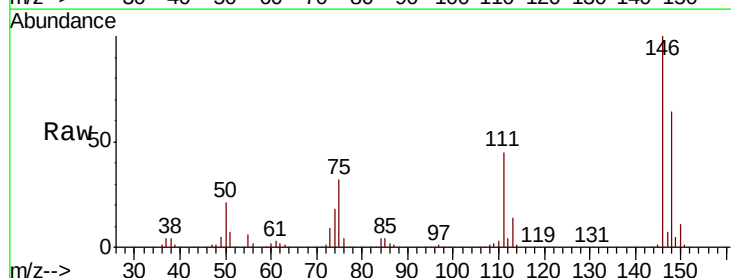
RT: 6.75 min Scan# 793

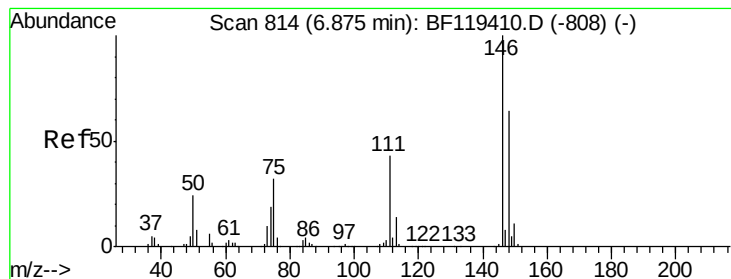
Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Tgt Ion:	146	Resp:	676726
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.4
75	31.5	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 41.928 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

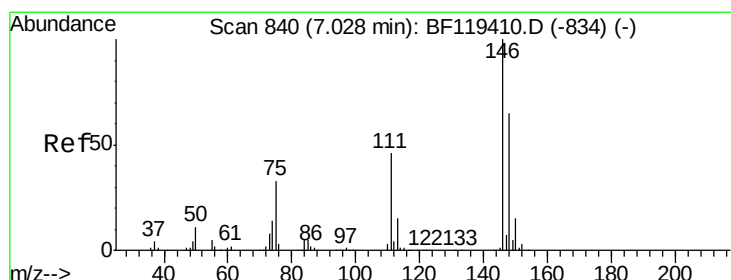
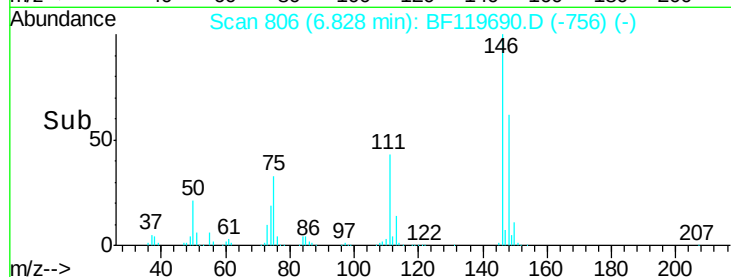
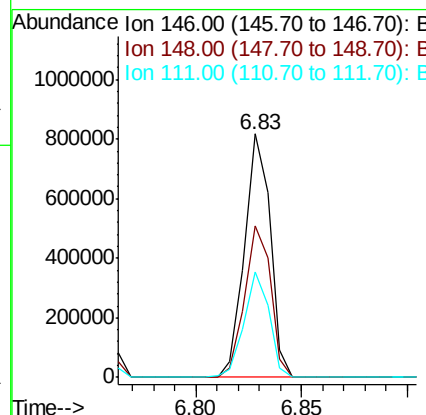
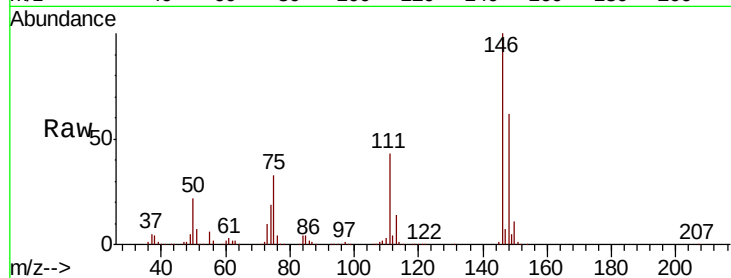
ClientSampleId :

PB127927BS

Tot Ion:	146	Resp:	687801
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.5	77.3
111	43.3	33.3	49.9

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



#14

1,2-Dichlorobenzene

Concen: 42.205 ng

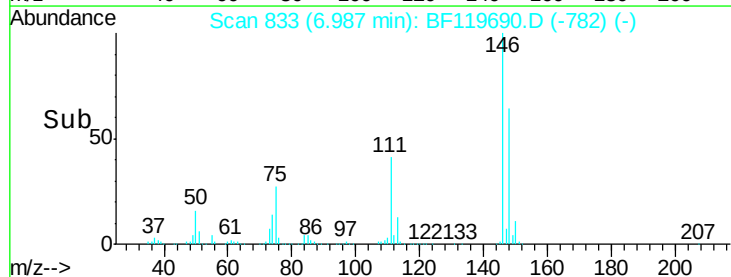
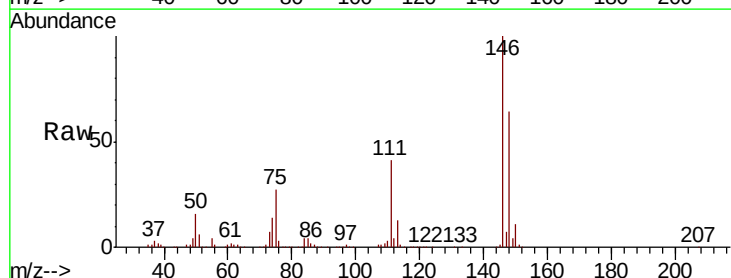
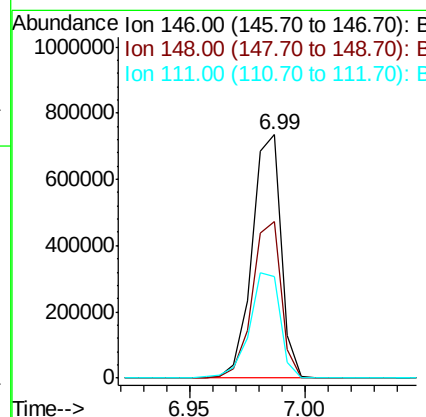
RT: 6.99 min Scan# 833

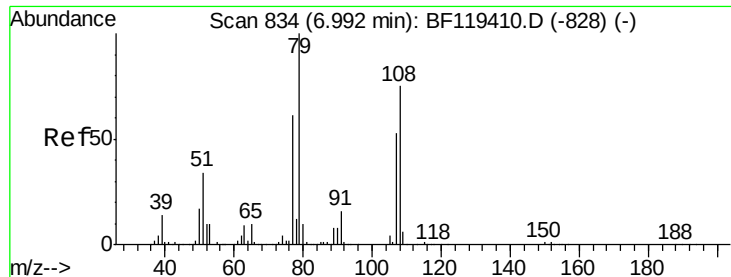
Delta R.T. 0.00 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Tgt Ion:	146	Resp:	647124
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	41.4	36.1	54.1





#15

Benzyl Alcohol

Concen: 41.063 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

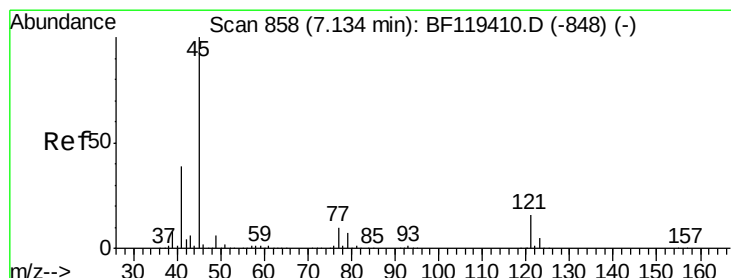
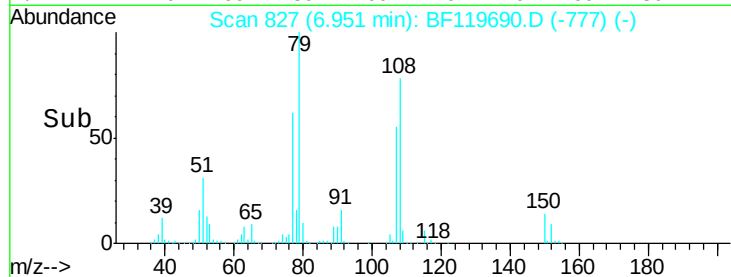
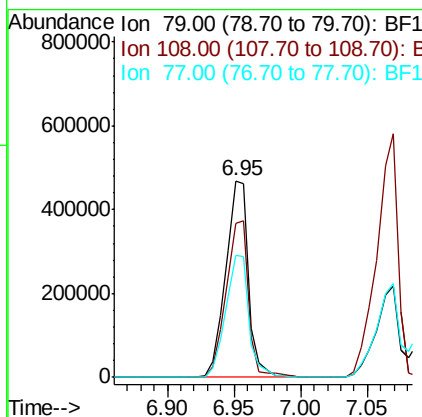
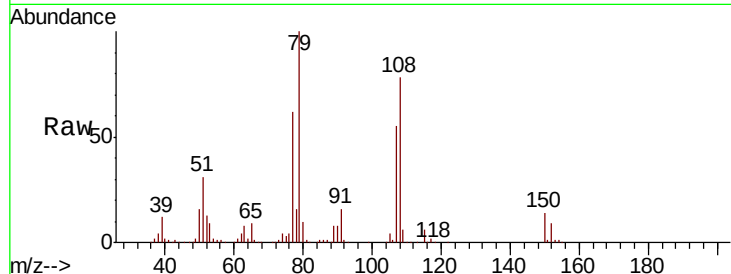
ClientSampleId :

PB127927BS

Tot Ion:	79	Resp:	569275
Ion Ratio	Lower	Upper	
79	100		
108	78.3	60.6	90.8
77	62.0	50.2	75.2

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.064 ng

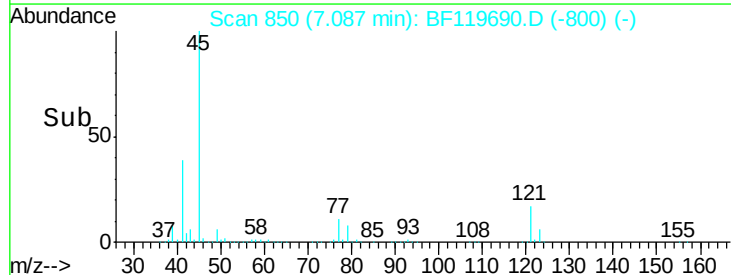
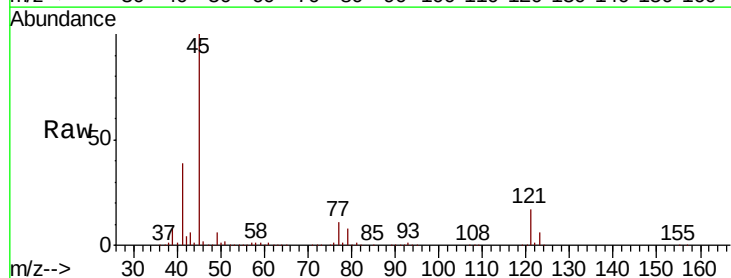
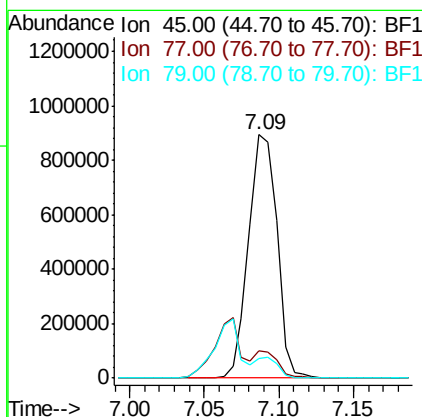
RT: 7.09 min Scan# 850

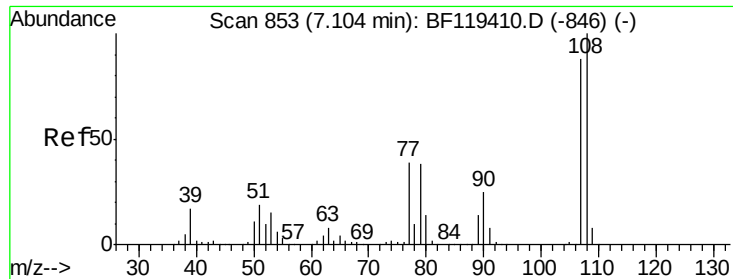
Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Tgt Ion:	45	Resp:	1175846
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	30.7
79	8.3	0.0	28.2





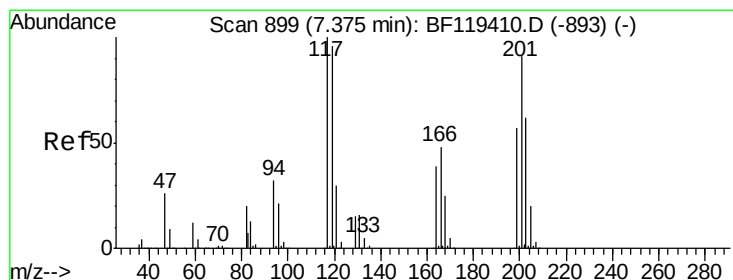
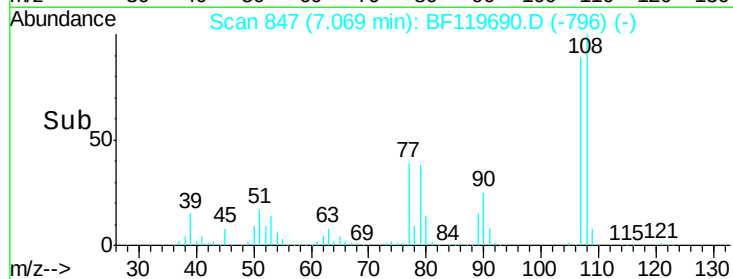
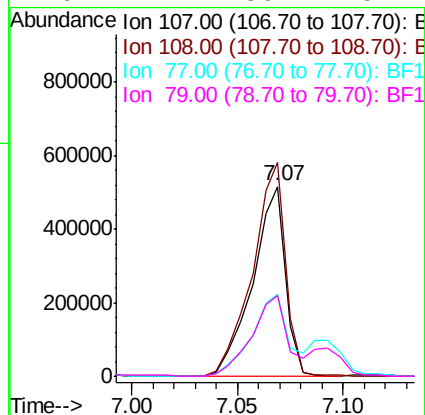
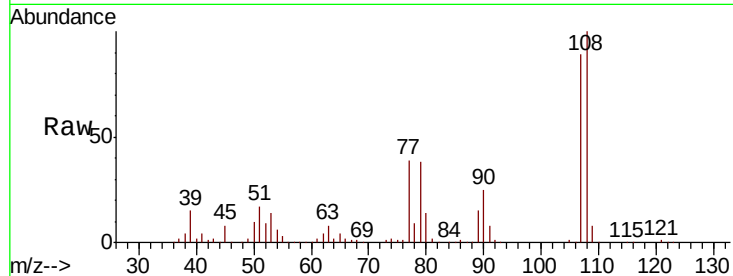
#17
2-Methylphenol
Concen: 40.146 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	92.2	138.4	
77	43.3	36.6	54.8	
79	42.4	36.2	54.4	

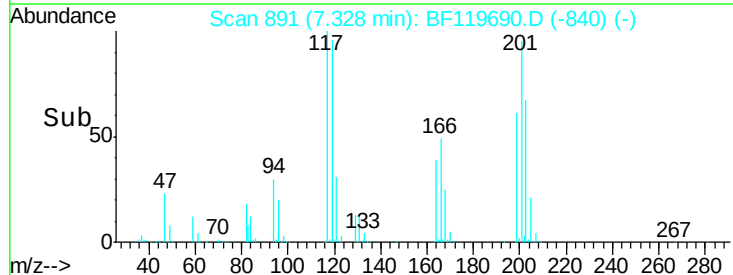
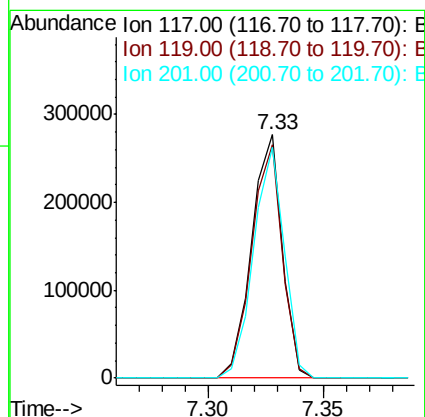
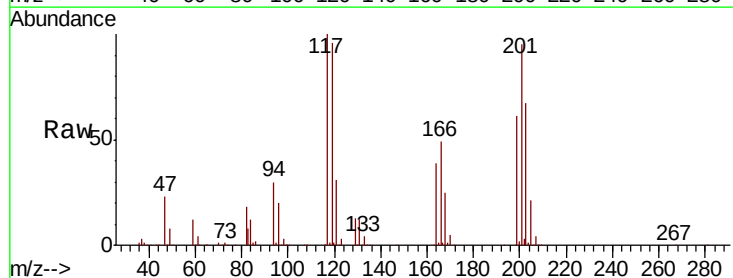
Manual Integrations
APPROVED

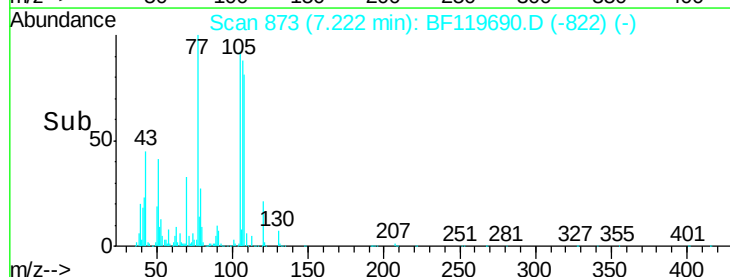
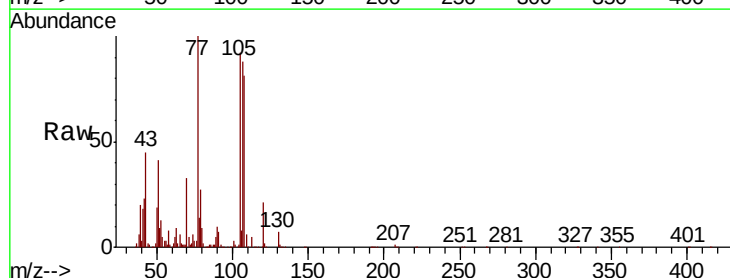
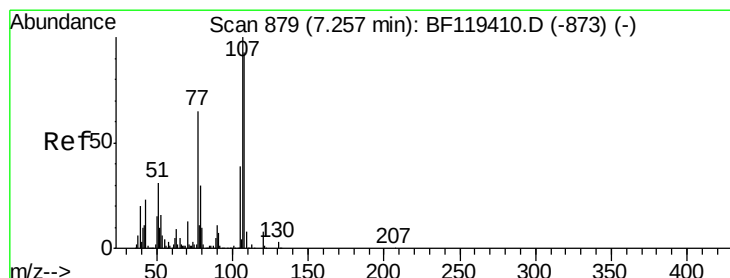
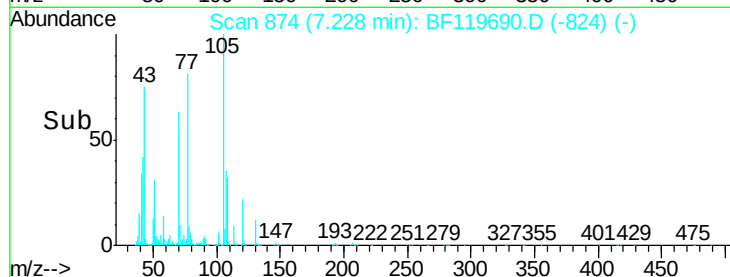
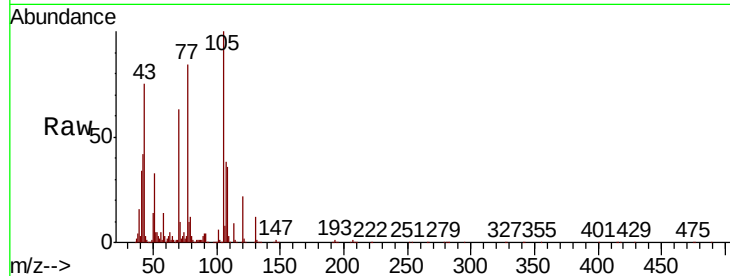
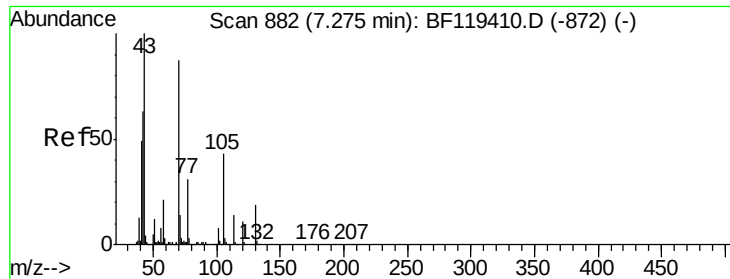
mohammad
4/3/2020 11:14:41 PM



#18
Hexachloroethane
Concen: 42.917 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

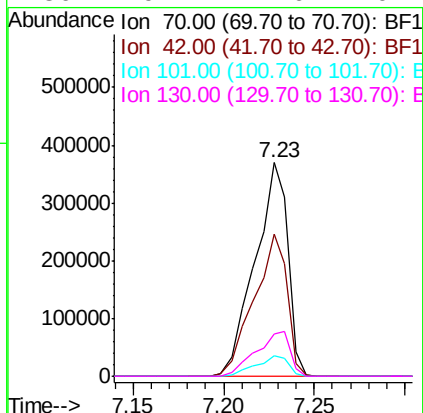
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.1	114.1	
201	95.1	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 41.833 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tot Ion	70	Resp	464712
Ion Ratio	Lower	Upper	
70	100		
42	66.8	54.5	81.7
101	9.6	7.6	11.4
130	19.7	17.6	26.4



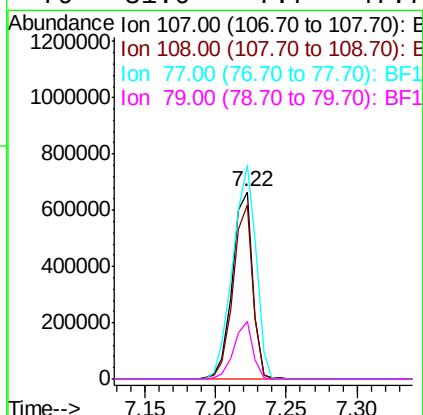
Instrument :
BNA_F
ClientSampleId :
PB127927BS

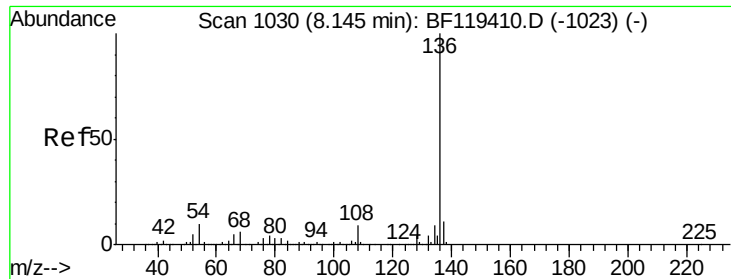
Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM

#20
3+4-Methylphenols
Concen: 39.283 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	107	Resp	668396
Ion Ratio	Lower	Upper	
107	100		
108	92.8	67.9	107.9
77	114.0	52.9	92.9#
79	31.0	7.7	47.7





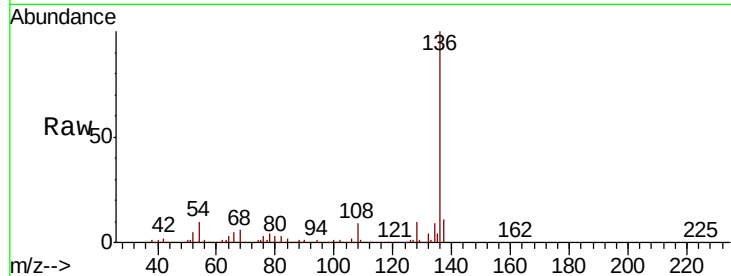
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

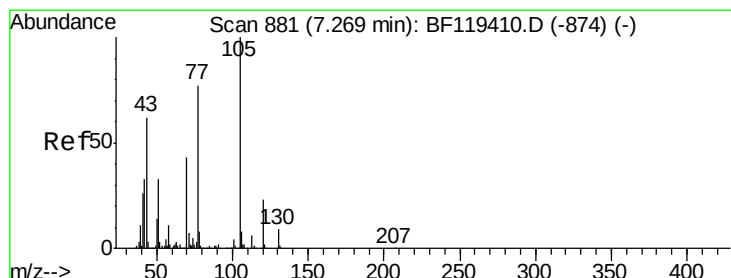
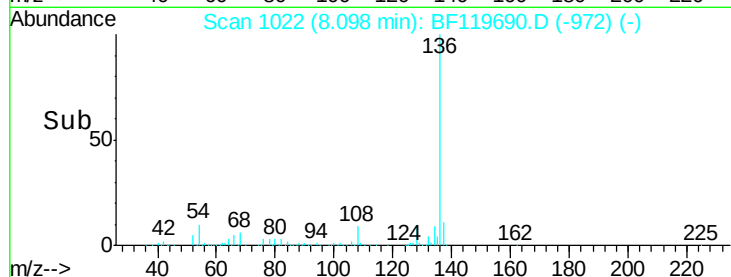
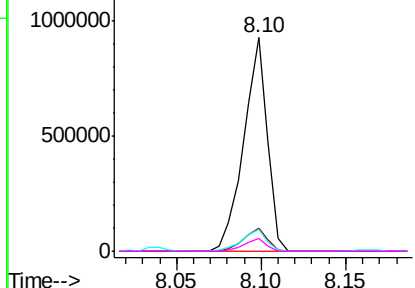
Tot Ion	Ratio	Resp	Lower	Upper
136	100	900842		
137	10.9		8.7	13.1
54	10.1		9.1	13.7
68	5.9		4.6	6.8

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



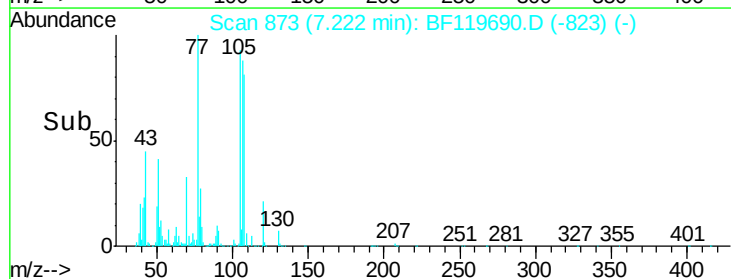
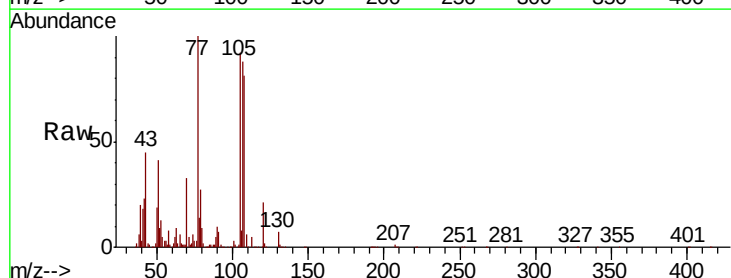
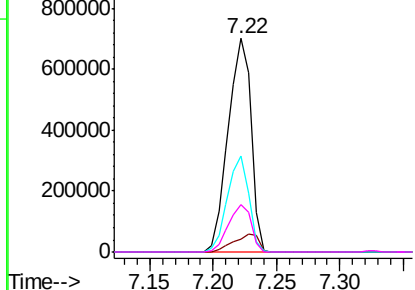
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

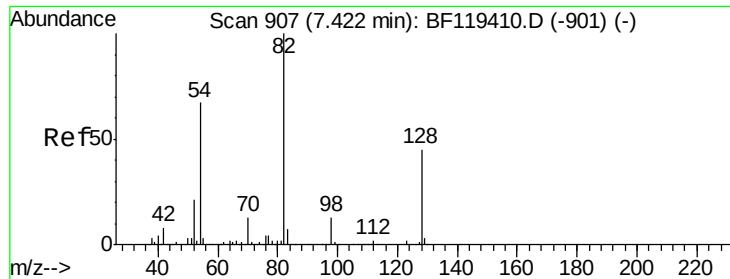


#22
Acetophenone
Concen: 40.503 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	871850		
71	5.8		5.7	8.5
51	44.7		26.2	39.4
120	22.4		18.3	27.5

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





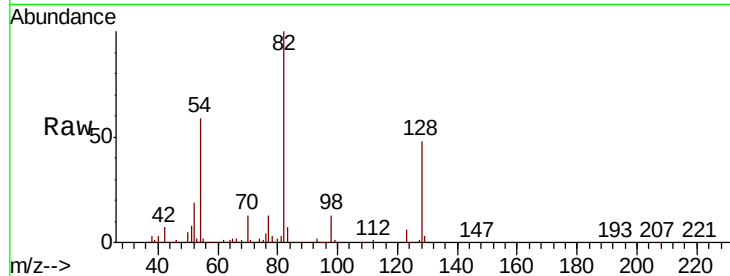
#23
 Nitrobenzene-d5
 Concen: 80.827 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BS

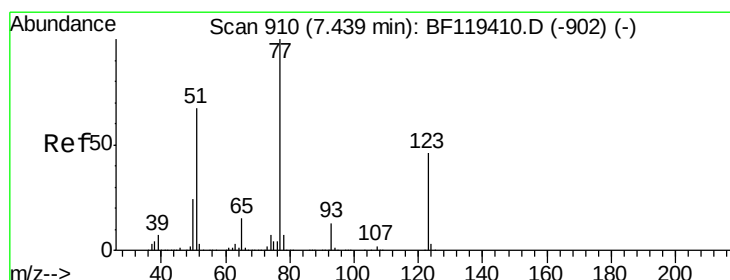
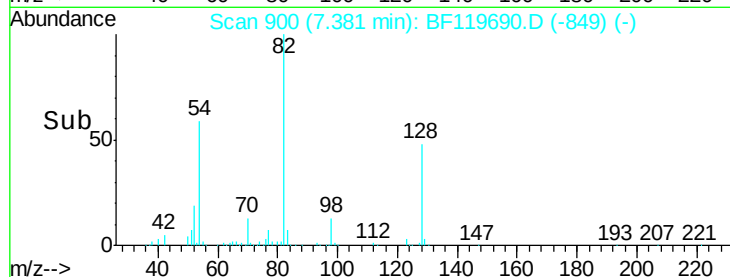
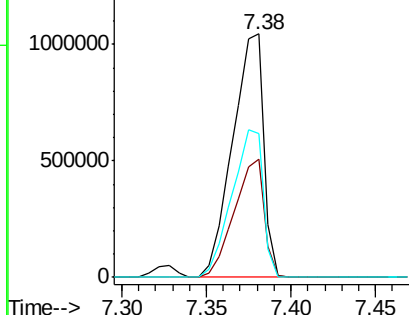
Tot Ion: 82 Resp: 1339739
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.3 54.5
 54 58.9 50.6 75.8

Manual Integrations
 APPROVED

mohammad
 4/3/2020 11:14:41 PM

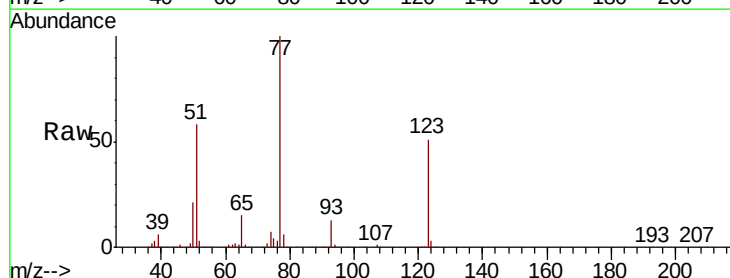


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

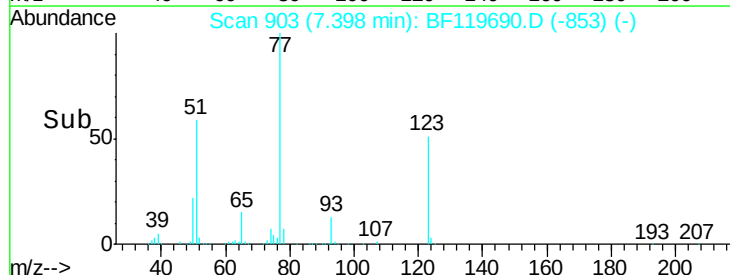
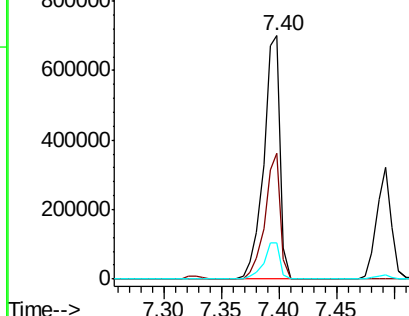


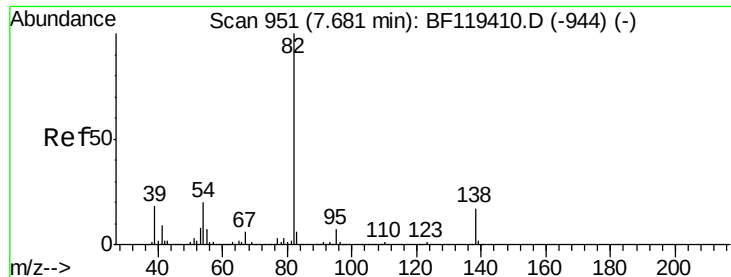
#24
 Nitrobenzene
 Concen: 39.738 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Tgt Ion: 77 Resp: 703929
 Ion Ratio Lower Upper
 77 100
 123 51.4 38.0 57.0
 65 14.7 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.486 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

ClientSampleId :

PB127927BS

Tot Ion: 82 Resp: 1327673

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

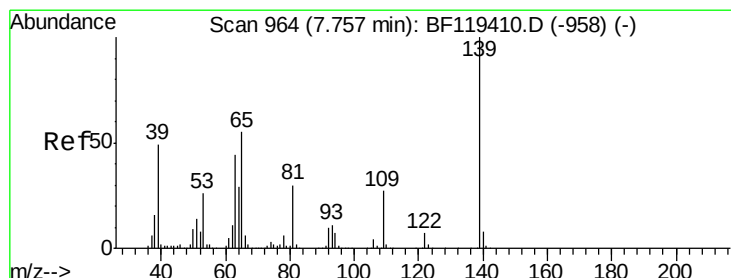
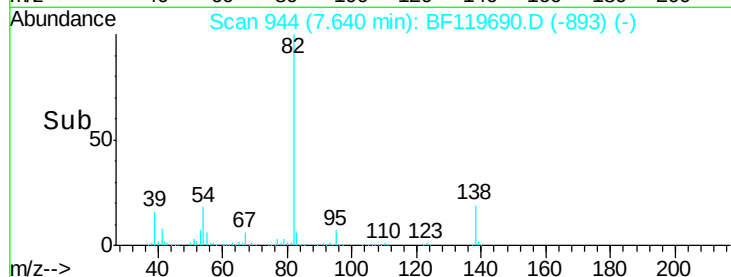
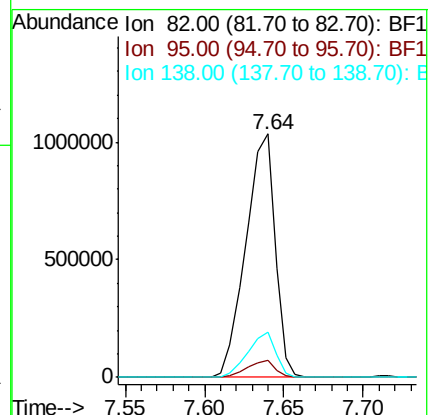
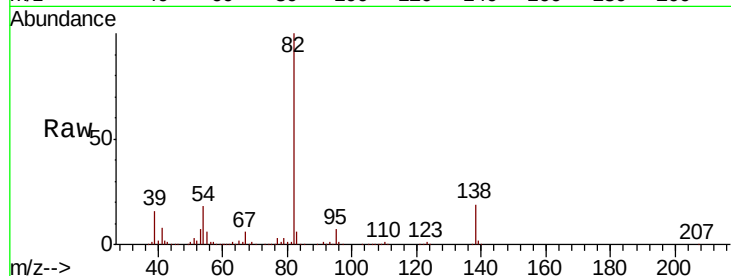
138 18.6 14.6 21.8

Manual Integrations

APPROVED

mohammad

4/3/2020 11:14:41 PM



#26

2-Nitrophenol

Concen: 53.140 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

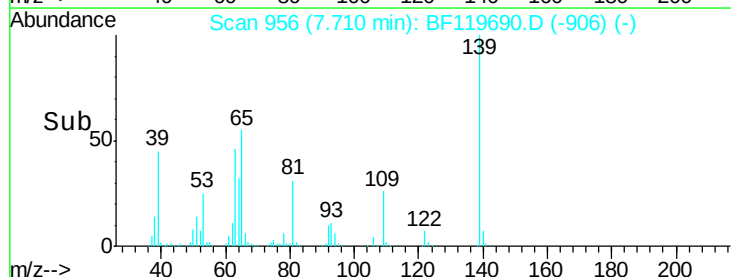
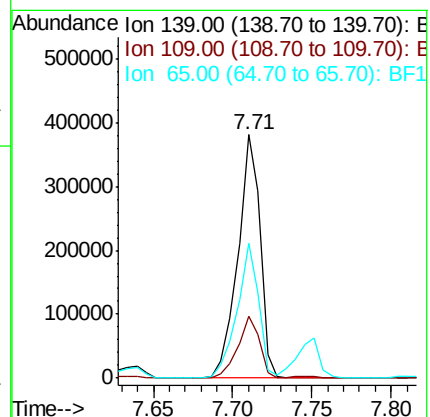
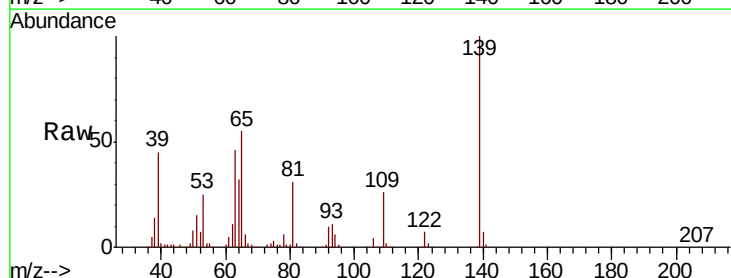
Tgt Ion: 139 Resp: 370639

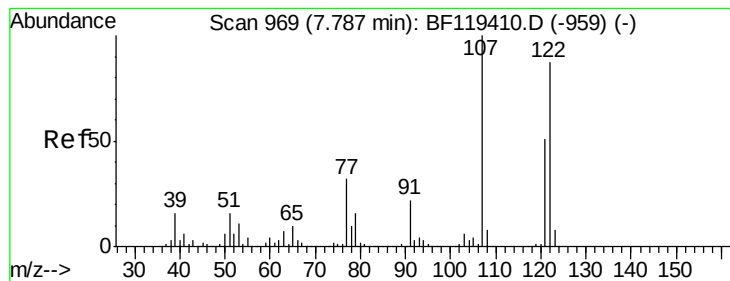
Ion Ratio Lower Upper

139 100

109 25.6 22.1 33.1

65 55.3 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 40.994 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

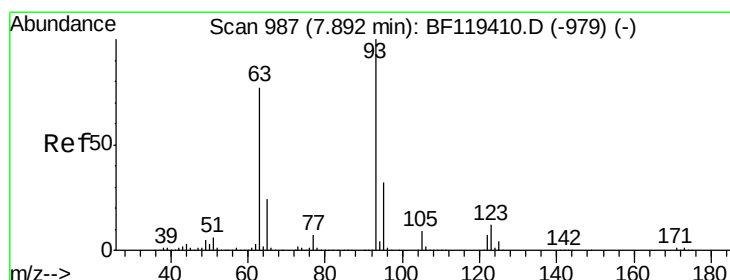
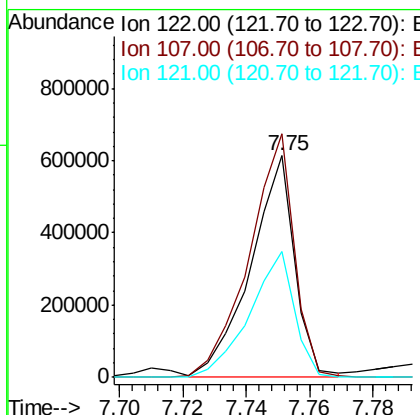
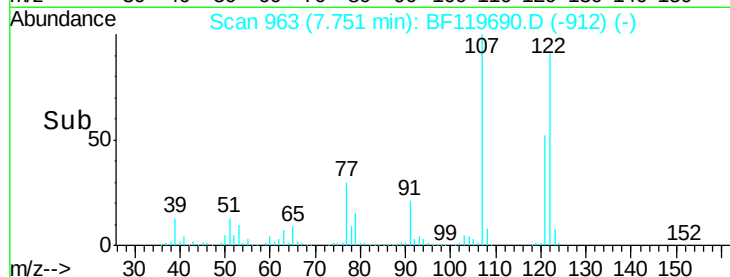
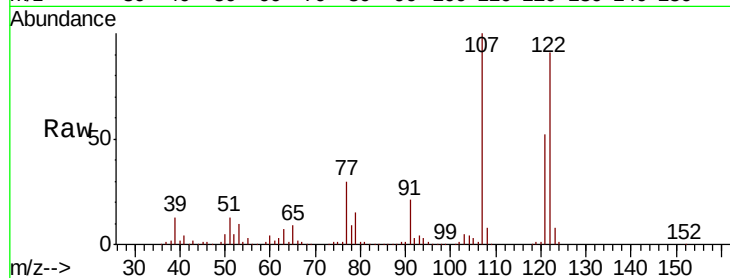
ClientSampled :

PB127927BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	89.0	133.6
121	57.0	46.7	70.1

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



#28

bis(2-Chloroethoxy)methane

Concen: 42.544 ng

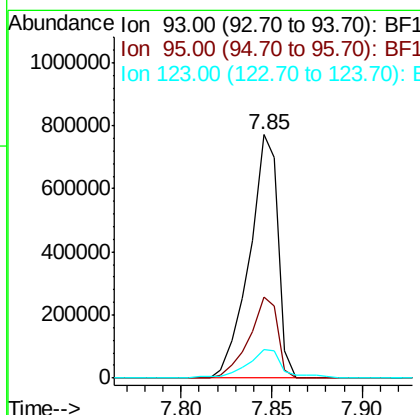
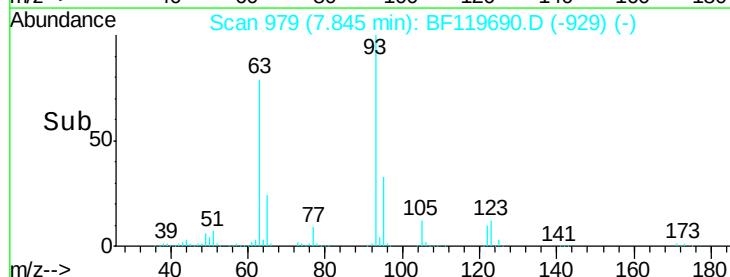
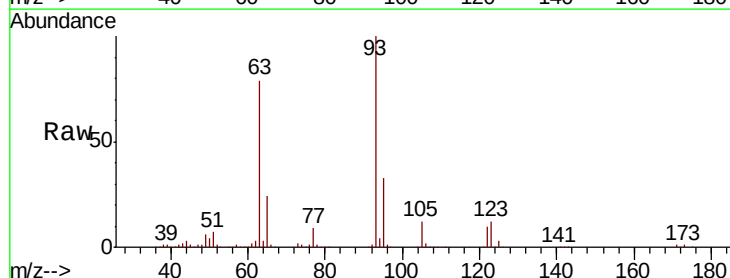
RT: 7.85 min Scan# 979

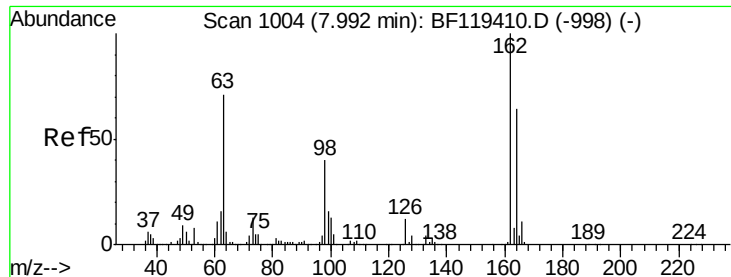
Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	12.0	9.7	14.5





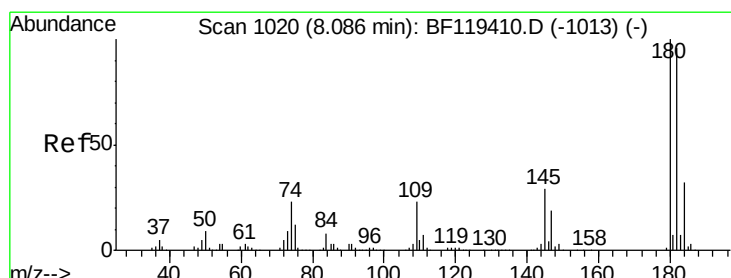
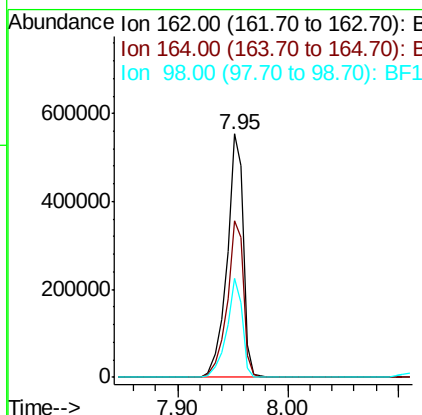
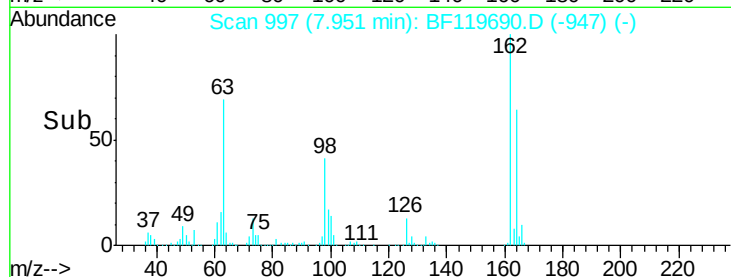
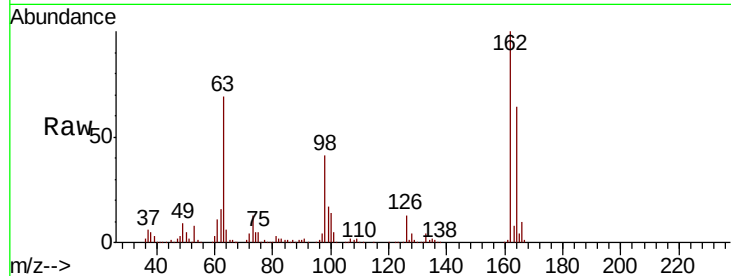
#29
2,4-Dichlorophenol
Concen: 42.976 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.4	44.7	84.7	
98	40.6	20.7	60.7	

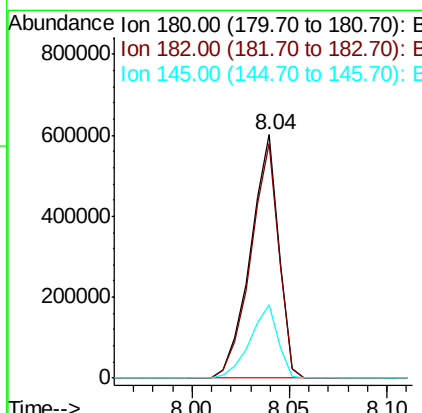
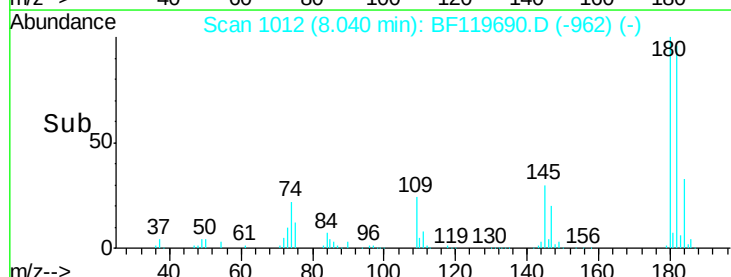
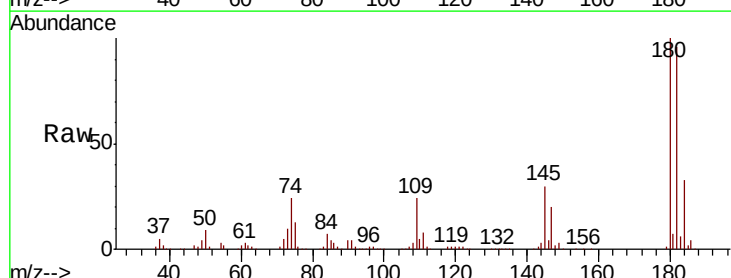
Manual Integrations
APPROVED

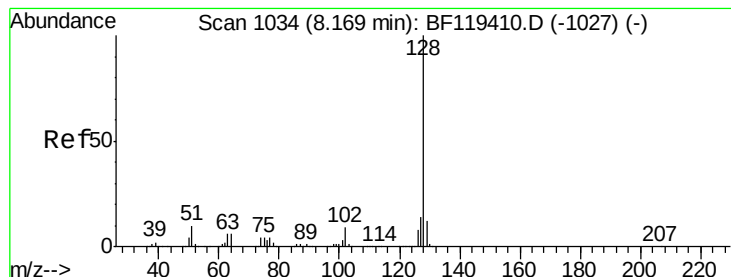
mohammad
4/3/2020 11:14:41 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.032 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.5	74.7	112.1	
145	30.1	24.5	36.7	





#31

Naphthalene

Concen: 41.332 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

ClientSampleID :

PB127927BS

Tot Ion:128 Resp: 1916106

Ion Ratio Lower Upper

128 100

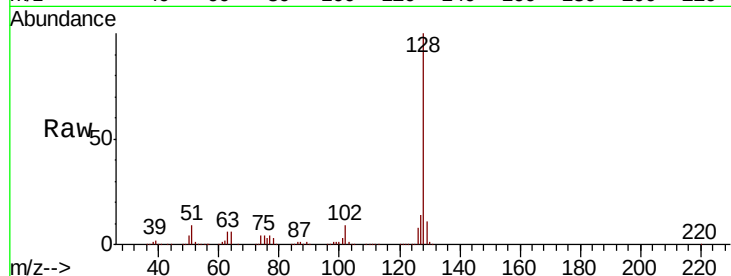
129 11.4 9.5 14.3

127 13.7 11.3 16.9

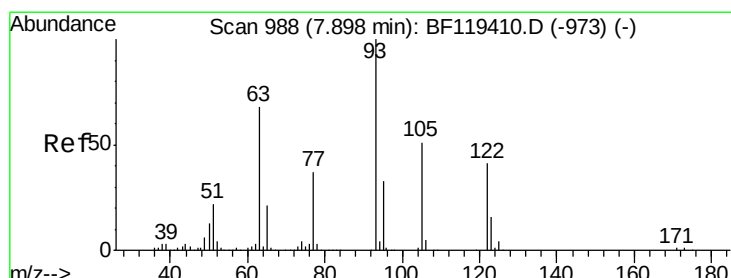
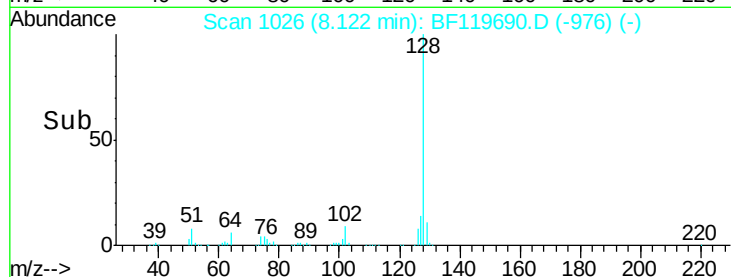
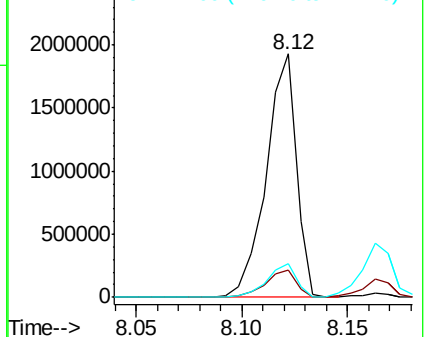
Manual Integrations
APPROVED

mohammad

4/3/2020 11:14:41 PM



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



#32

Benzoic acid

Concen: 48.023 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

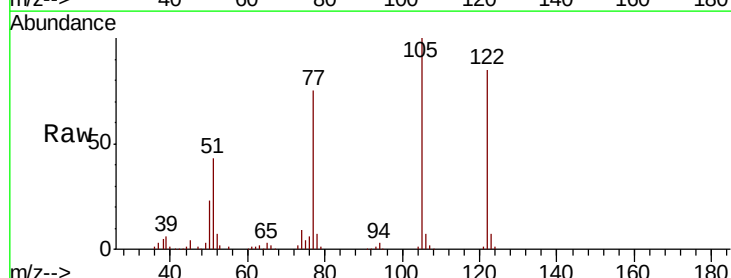
Tgt Ion:122 Resp: 445509

Ion Ratio Lower Upper

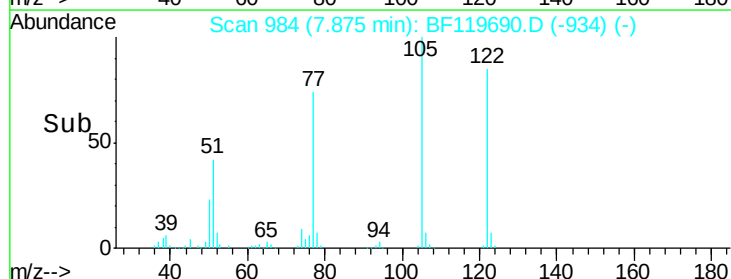
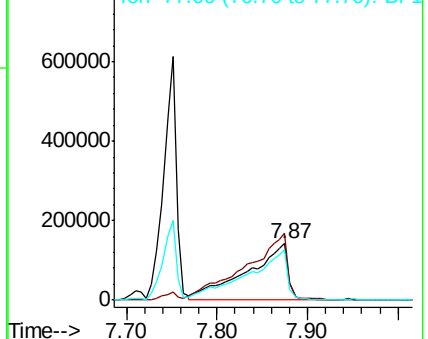
122 100

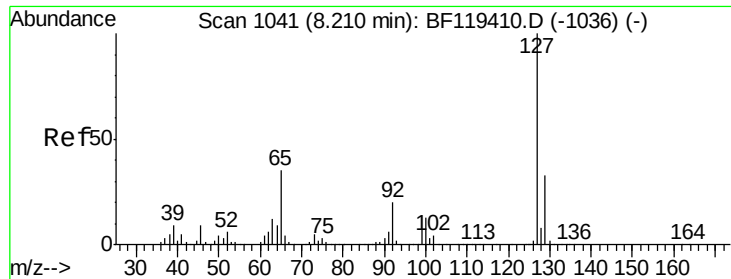
105 117.8 104.9 144.9

77 88.3 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





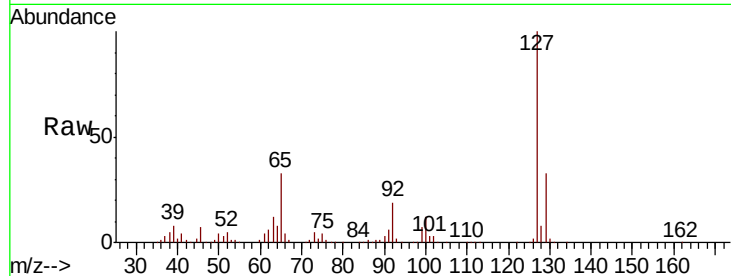
#33
4-Chloroaniline
Concen: 21.071 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		447585		
129	32.7	26.2	39.4		
65	33.3	27.4	41.0		
92	19.2	15.3	22.9		

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



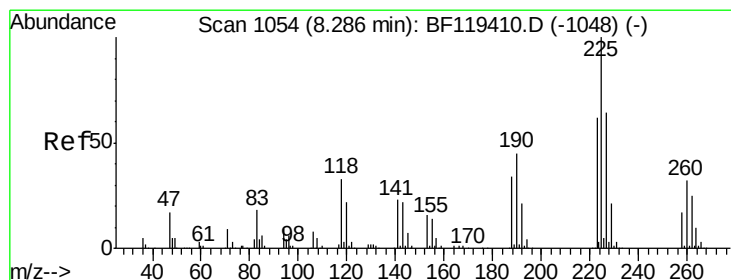
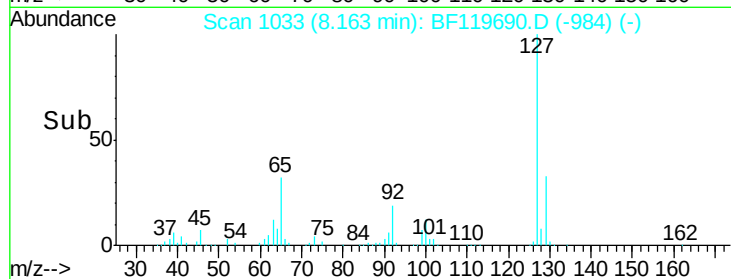
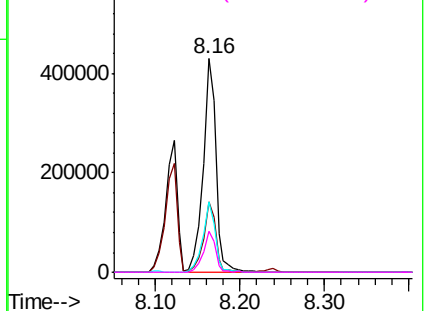
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

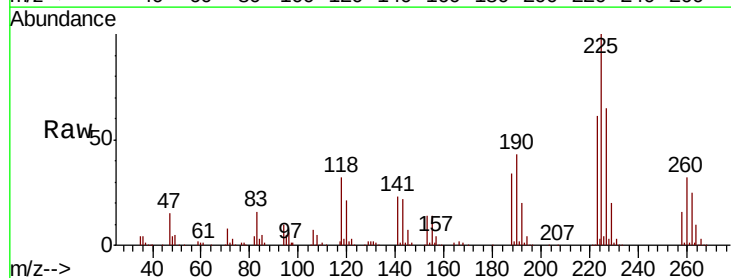
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.529 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		340514		
223	61.0	51.0	76.6		
227	64.9	50.7	76.1		

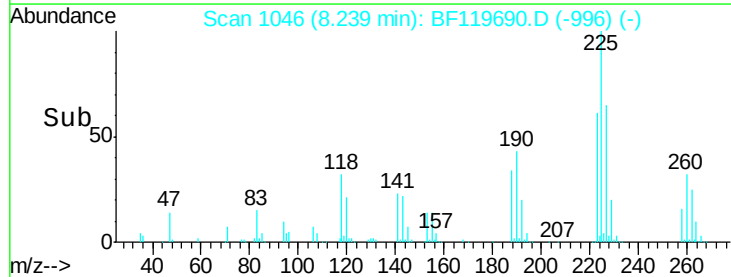
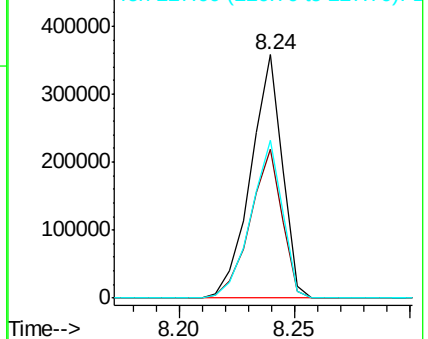


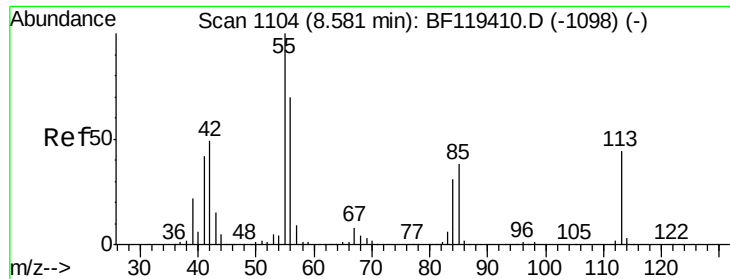
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





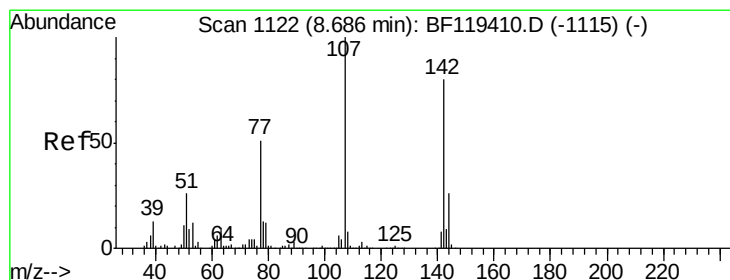
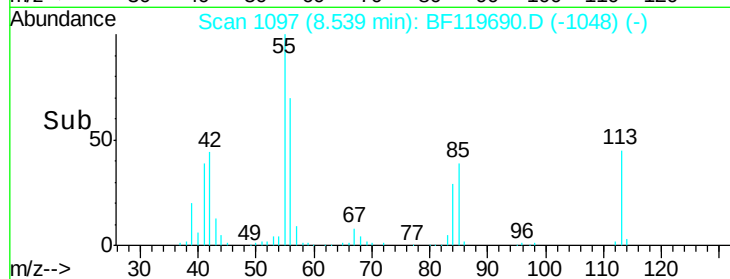
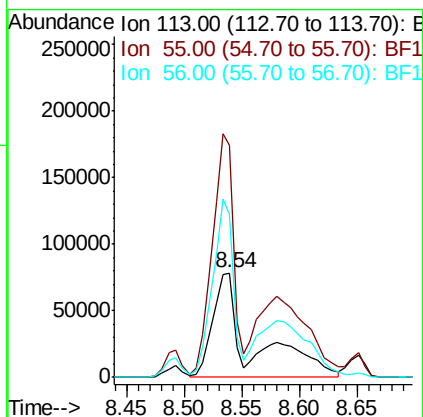
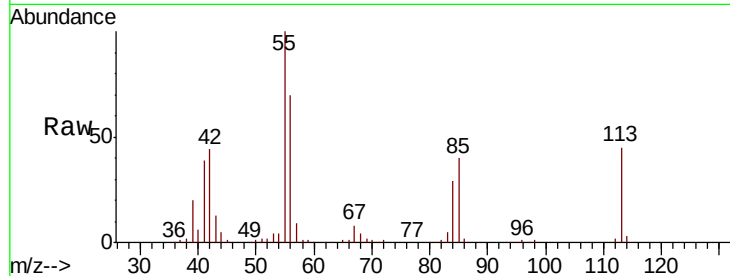
#35
Caprolactam
Concen: 42.149 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	223.1	218.4	258.4
56	156.0	148.9	188.9

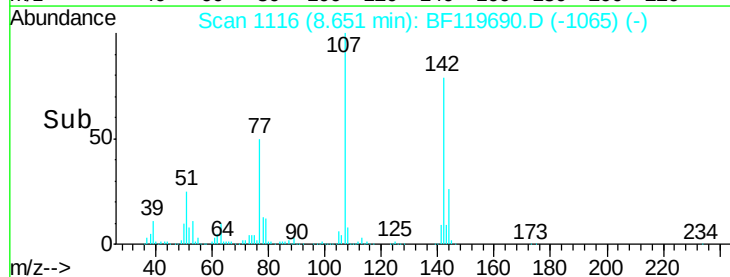
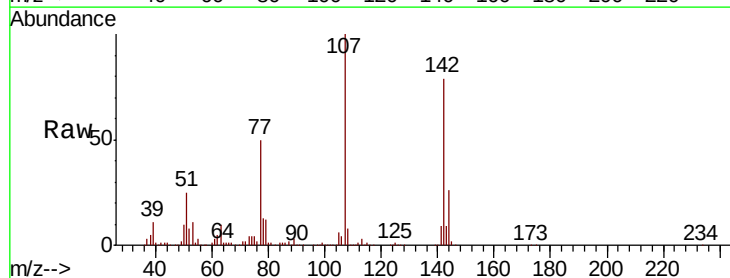
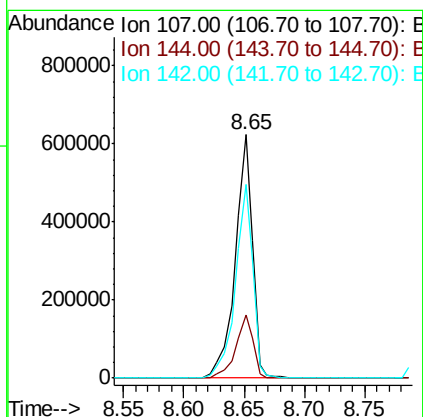
Manual Integrations
APPROVED

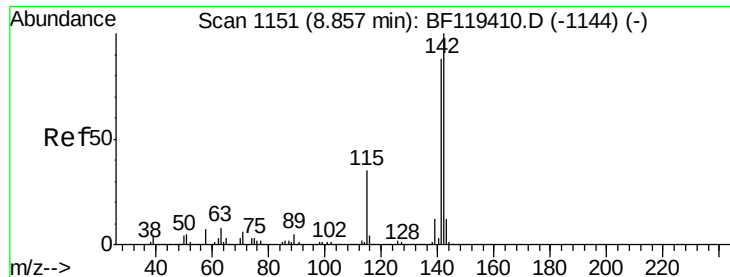
mohammad
4/3/2020 11:14:41 PM



#36
4-Chloro-3-methylphenol
Concen: 43.036 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.6
142	79.4	64.4	96.6





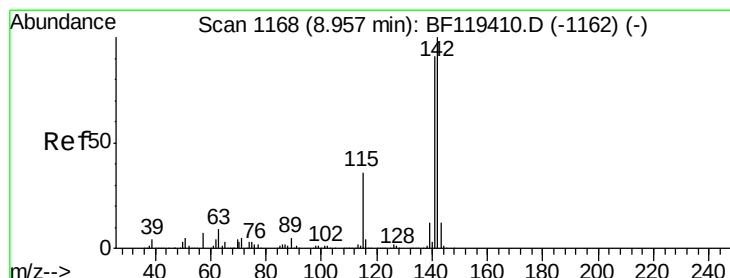
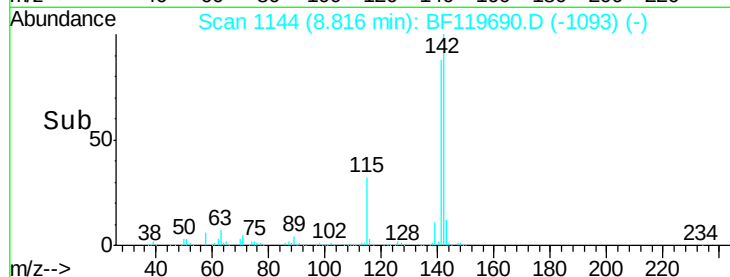
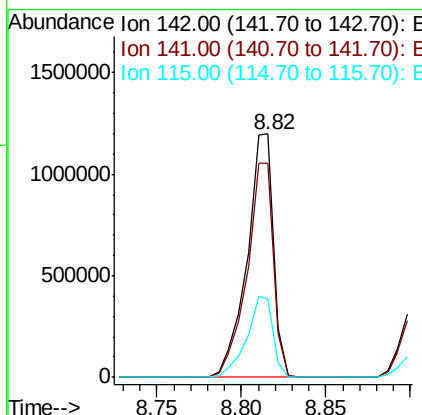
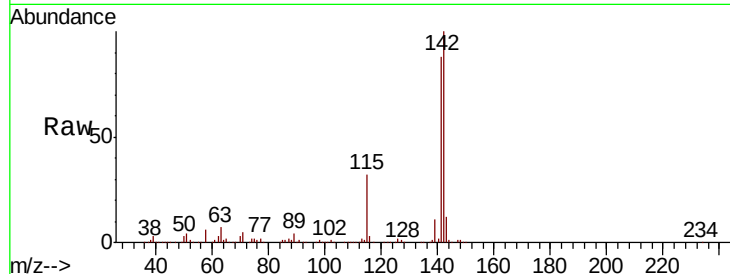
#37
2-Methylnaphthalene
Concen: 43.287 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion:142 Resp: 1316982
Ion Ratio Lower Upper
142 100
141 88.0 71.7 107.5
115 32.1 27.9 41.9

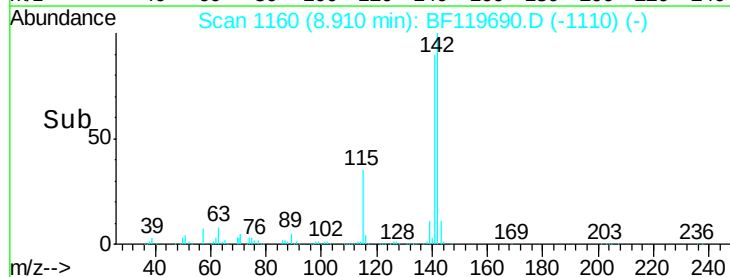
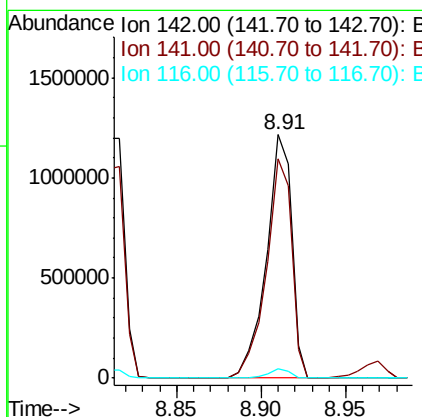
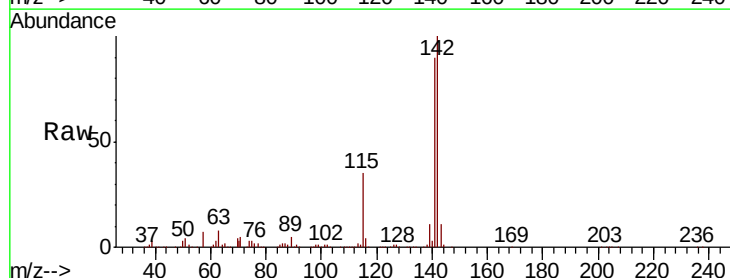
Manual Integrations
APPROVED

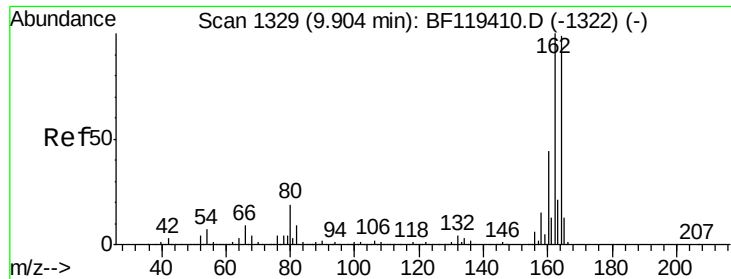
mohammad
4/3/2020 11:14:41 PM



#38
1-Methylnaphthalene
Concen: 43.818 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion:142 Resp: 1261835
Ion Ratio Lower Upper
142 100
141 90.2 73.7 110.5
116 3.6 3.0 4.6





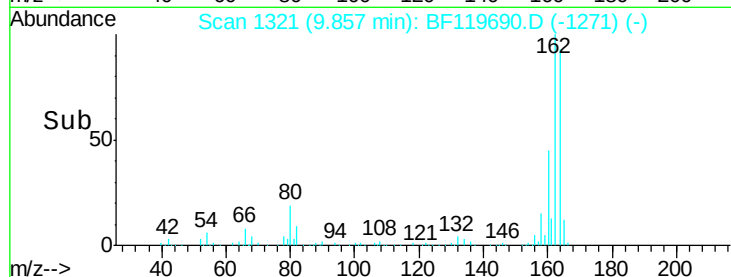
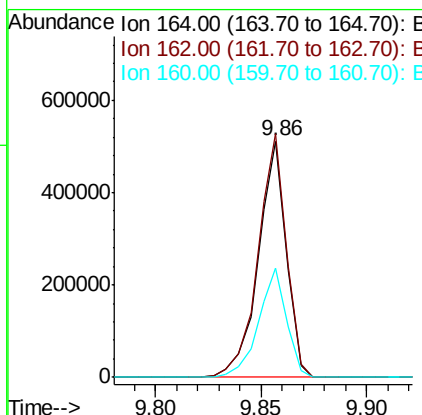
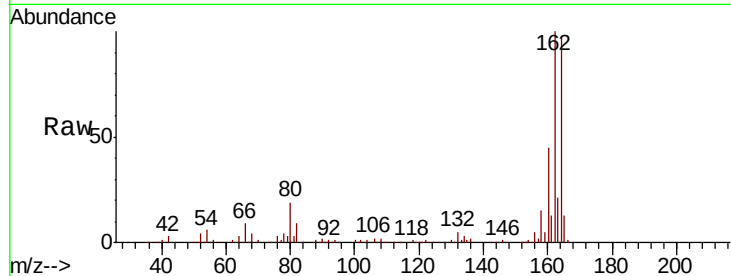
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	80.6	121.0	
160	46.1	35.7	53.5	

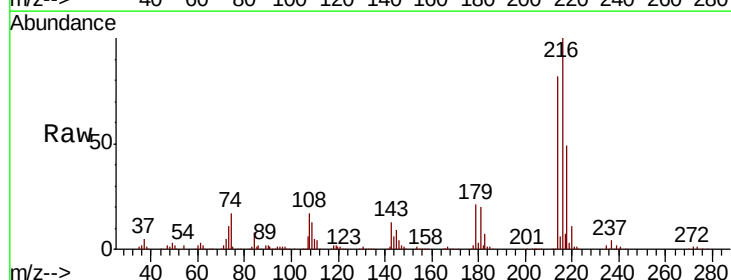
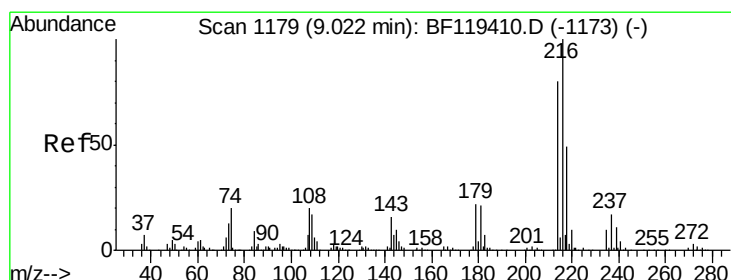
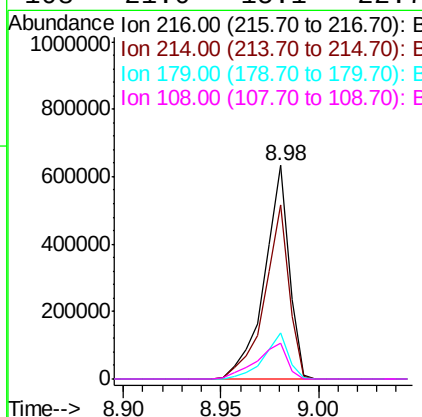
Manual Integrations
 APPROVED

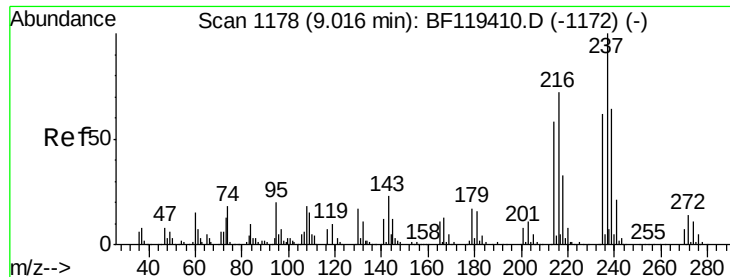
mohammad
 4/3/2020 11:14:41 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.124 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.8	63.2	94.8	
179	21.3	17.1	25.7	
108	21.0	15.1	22.7	





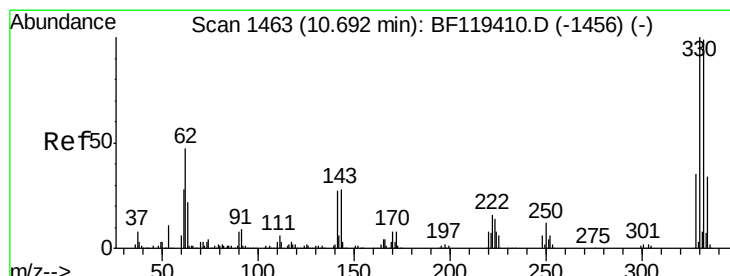
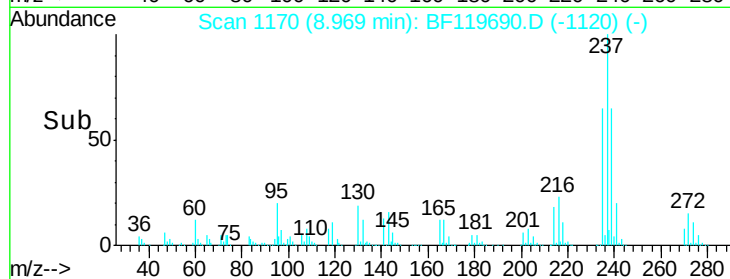
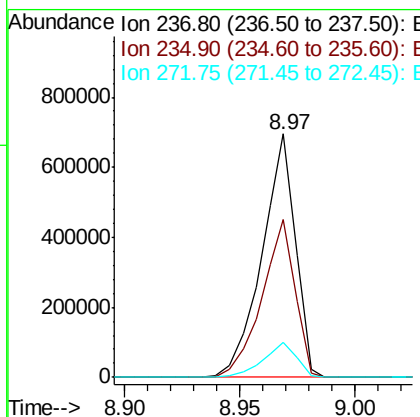
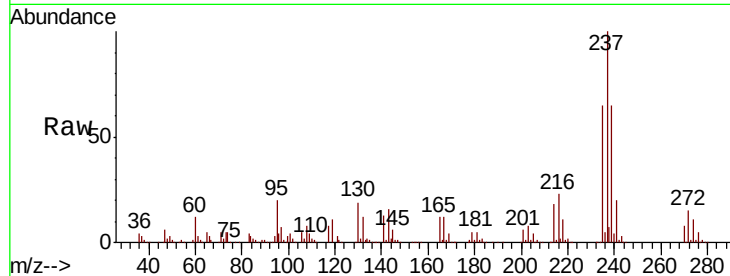
#41
Hexachlorocyclopentadiene
Concen: 88.883 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion:	237	Resp:	698248
Ion Ratio	Lower	Upper	
237	100		
235	64.7	43.2	83.2
272	14.6	0.0	34.1

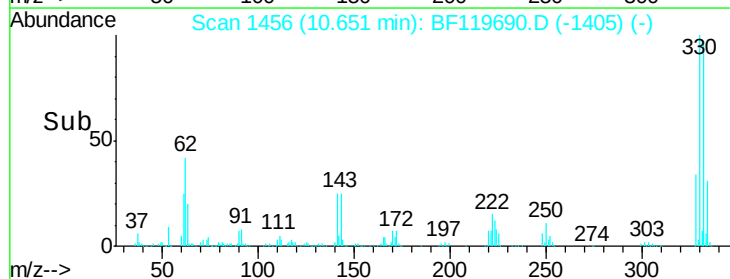
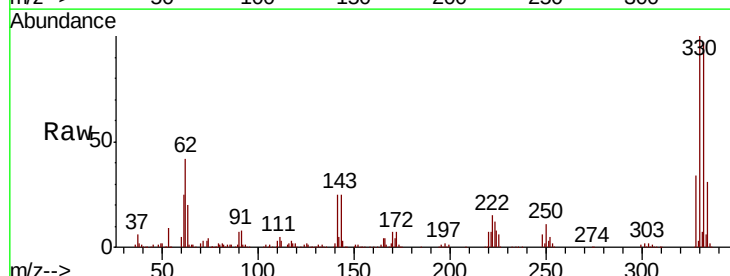
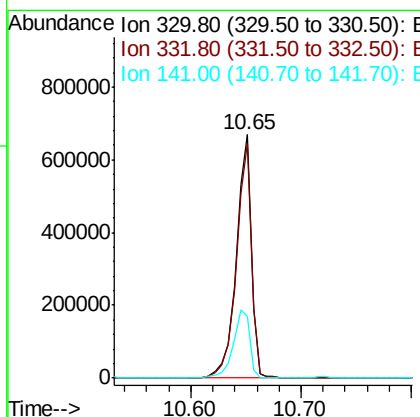
Manual Integrations
APPROVED

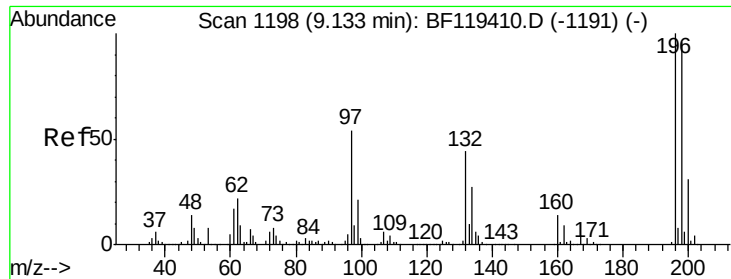
mohammad
4/3/2020 11:14:41 PM



#42
2,4,6-Tribromophenol
Concen: 132.905 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion:	330	Resp:	646399
Ion Ratio	Lower	Upper	
330	100		
332	96.6	75.7	113.5
141	30.5	25.4	38.0





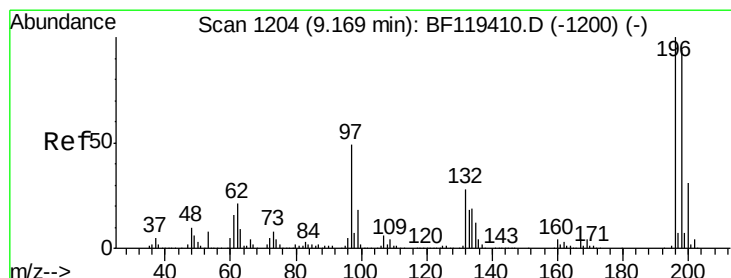
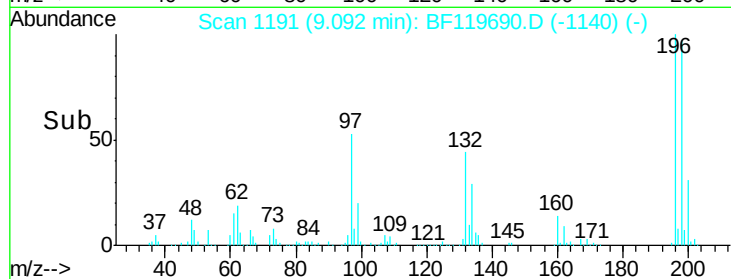
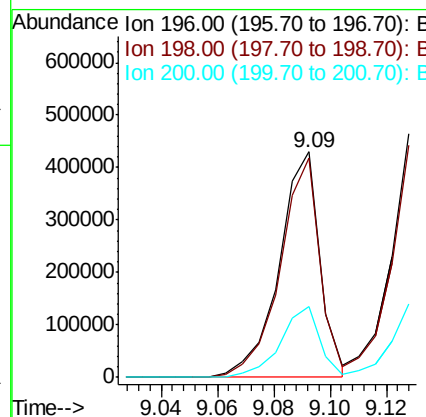
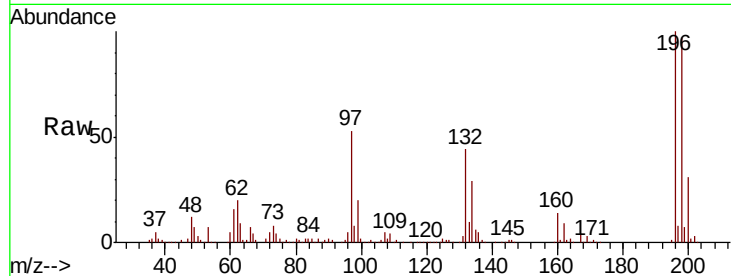
#43
 2,4,6-Trichlorophenol
 Concen: 43.475 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	429909		
198	97.3	76.6	115.0	
200	31.5	24.6	36.8	

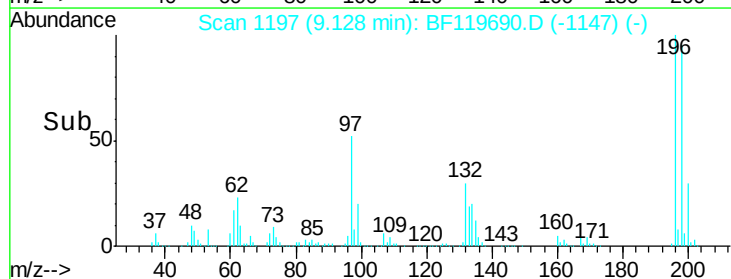
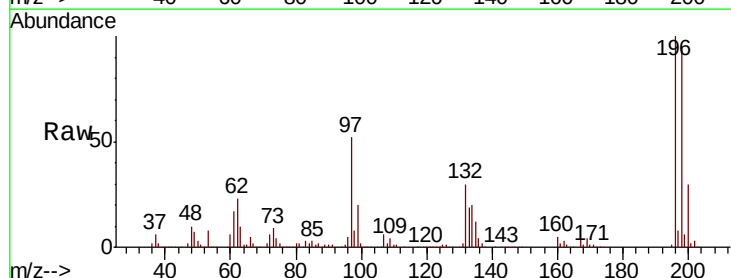
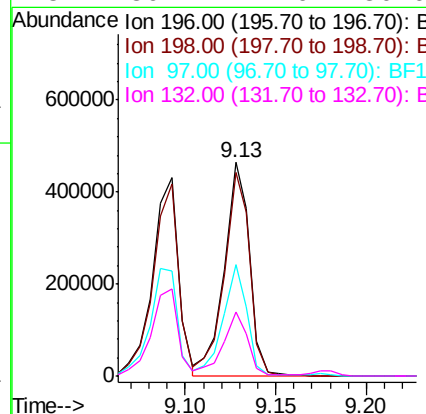
Manual Integrations
 APPROVED

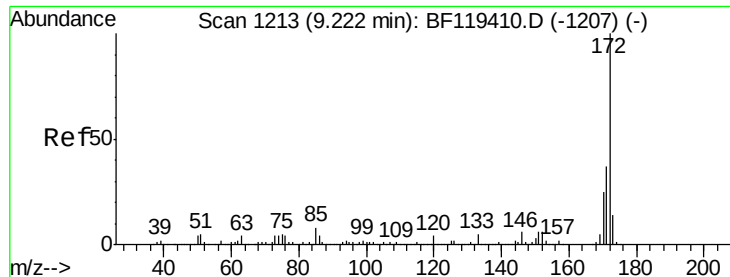
mohammad
 4/3/2020 11:14:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.470 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	448302		
198	95.2	73.8	110.8	
97	51.9	42.6	63.8	
132	30.2	24.0	36.0	





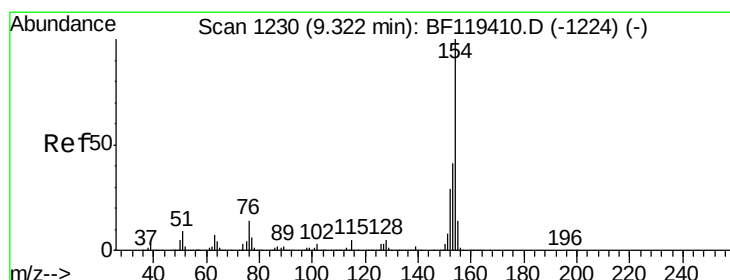
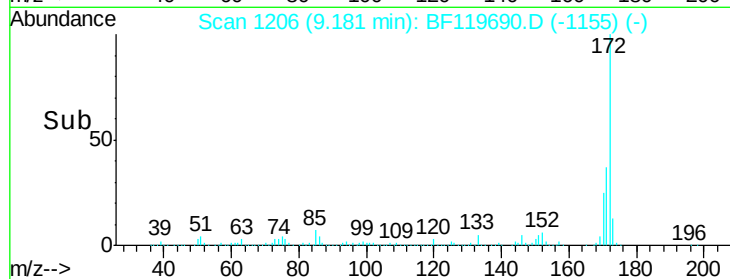
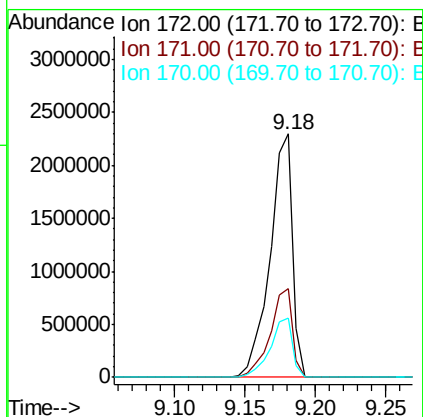
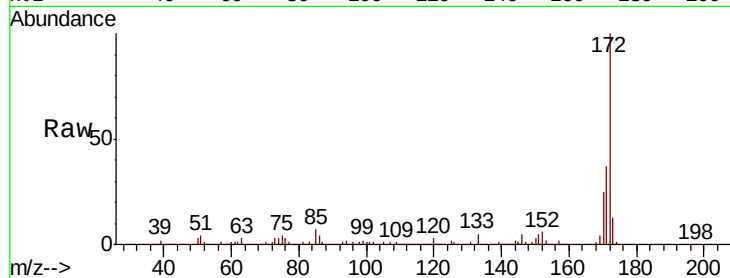
#45
2-Fluorobiphenyl
Concen: 80.563 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.5	20.2	30.2

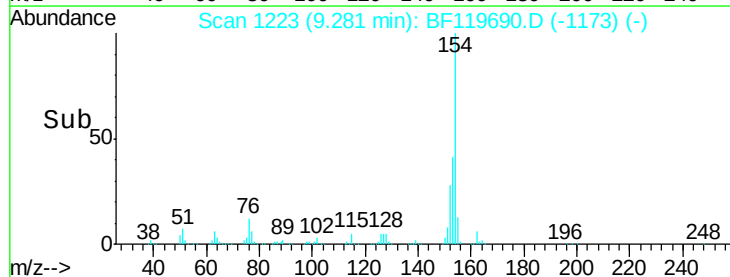
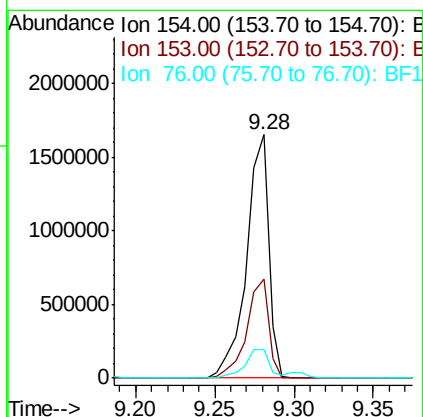
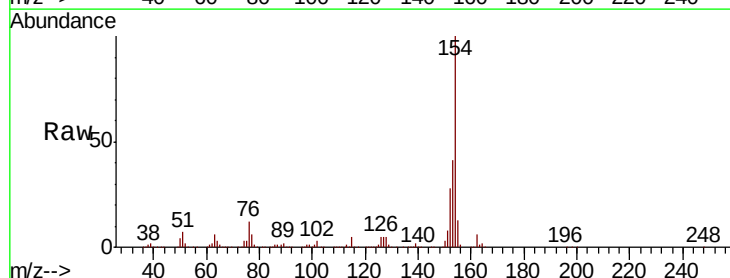
Manual Integrations
APPROVED

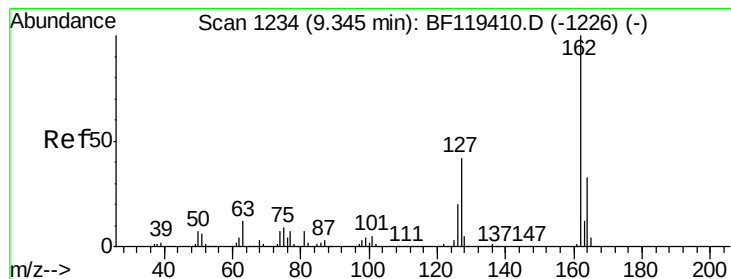
mohammad
4/3/2020 11:14:41 PM



#46
1,1'-Biphenyl
Concen: 41.648 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.4	61.4
76	11.7	0.0	33.0





#47

2-Chloronaphthalene

Concen: 41.301 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

ClientSampleId :

PB127927BS

Tot Ion:162 Resp: 1242182

Ion Ratio Lower Upper

162 100

127 40.1 33.7 50.5

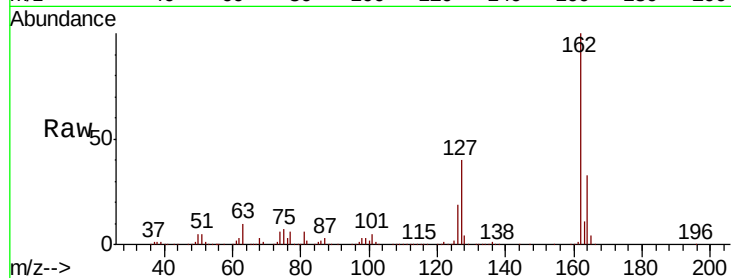
164 33.2 26.3 39.5

Manual Integrations

APPROVED

mohammad

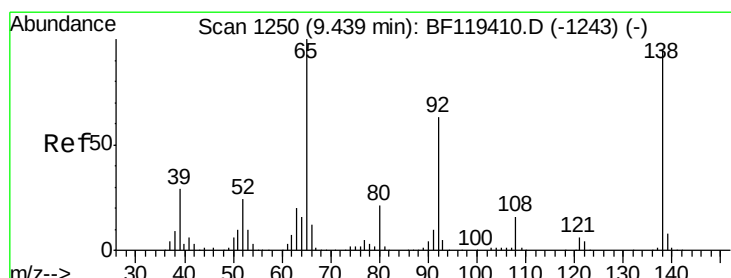
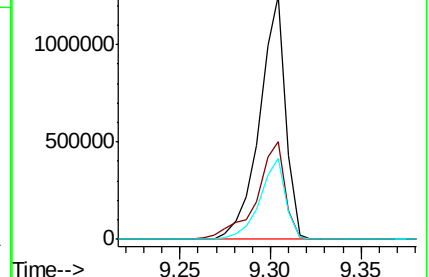
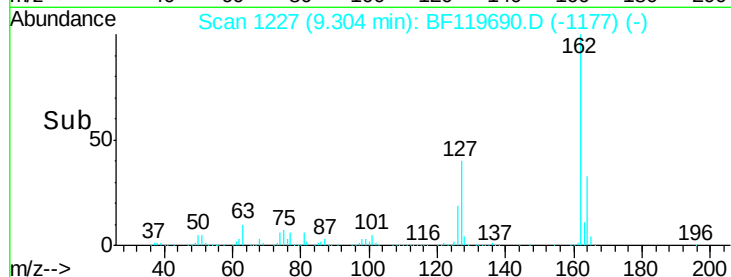
4/3/2020 11:14:41 PM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.981 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

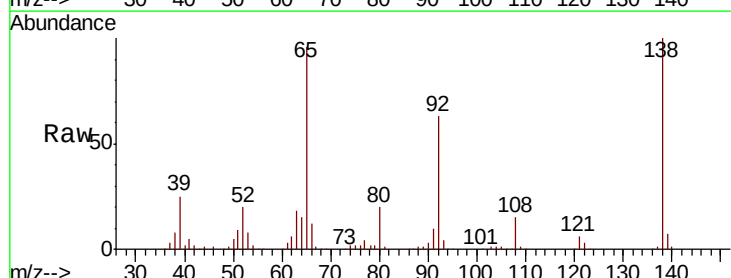
Tgt Ion: 65 Resp: 446187

Ion Ratio Lower Upper

65 100

92 65.4 50.0 75.0

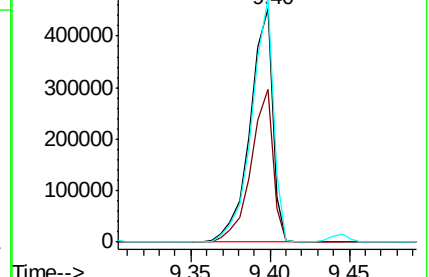
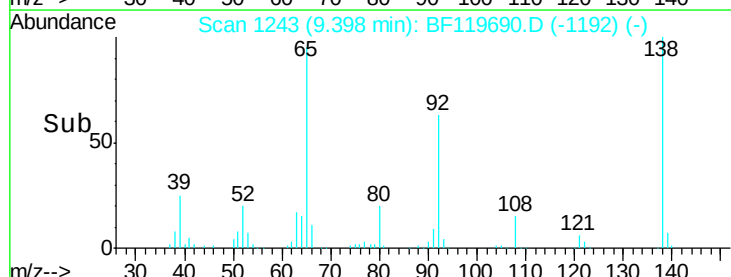
138 104.5 75.0 112.4

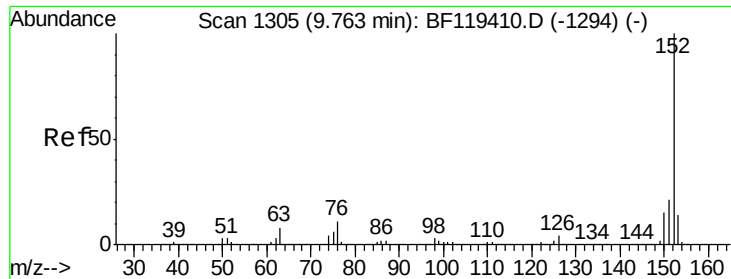


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.678 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

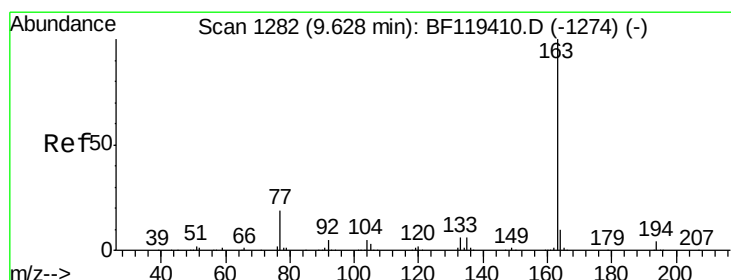
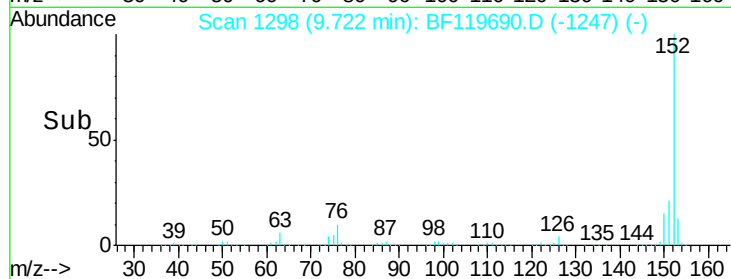
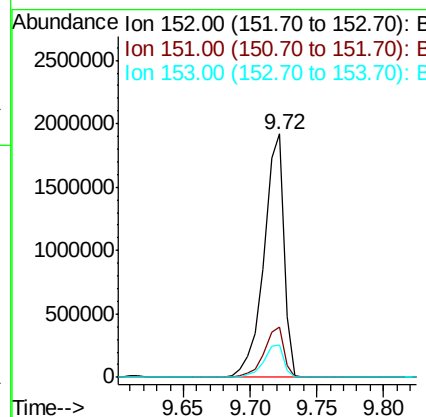
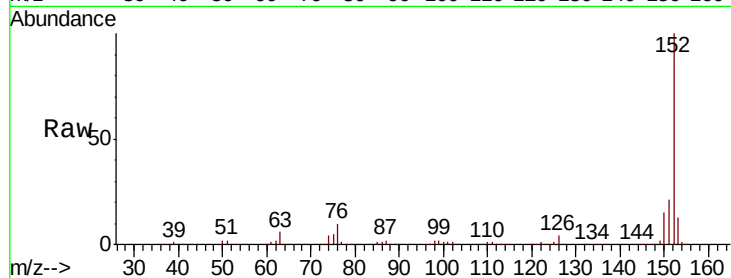
ClientSampleId :

PB127927BS

Tot Ion:	152	Resp:	1968471
Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.2	25.8
153	13.5	11.2	16.8

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



#50

Dimethylphthalate

Concen: 43.239 ng

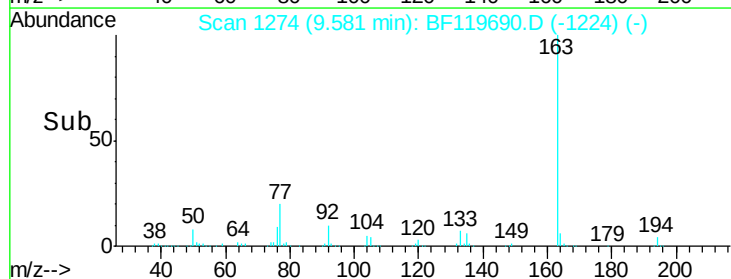
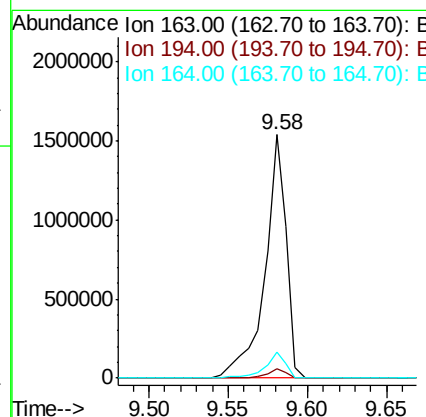
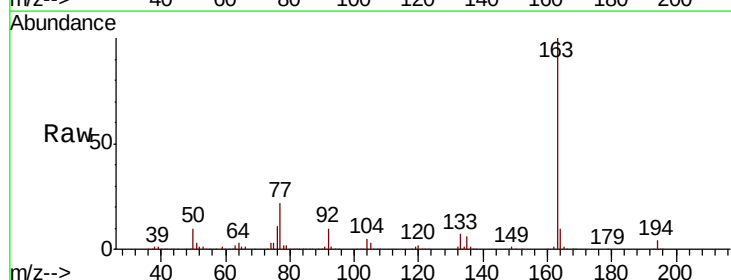
RT: 9.58 min Scan# 1274

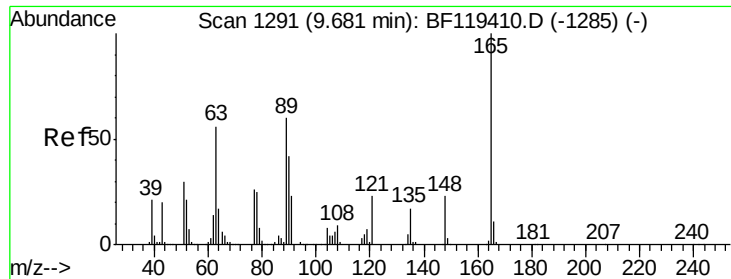
Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Tgt Ion:	163	Resp:	1447900
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.5	8.2	12.2





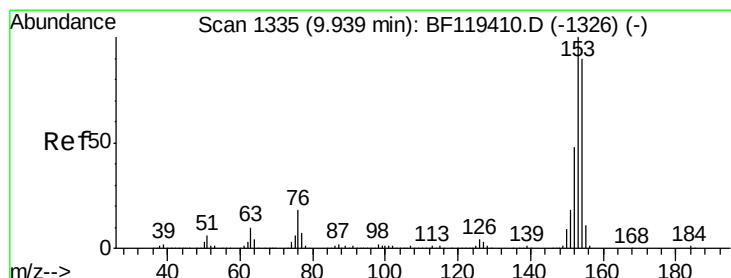
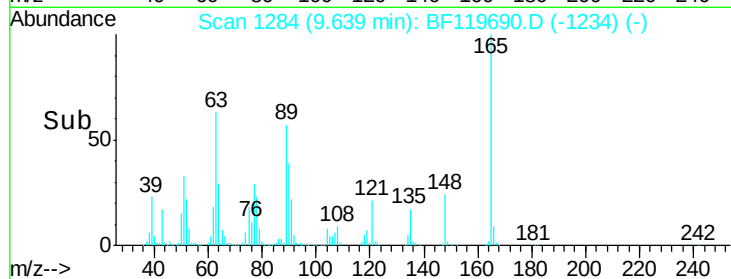
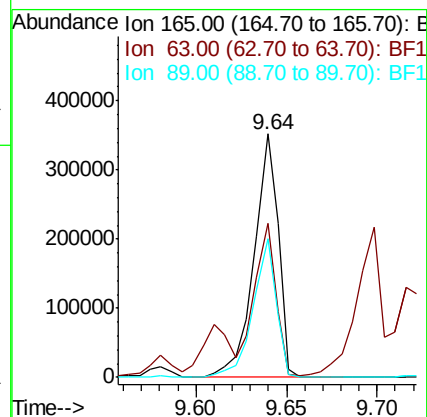
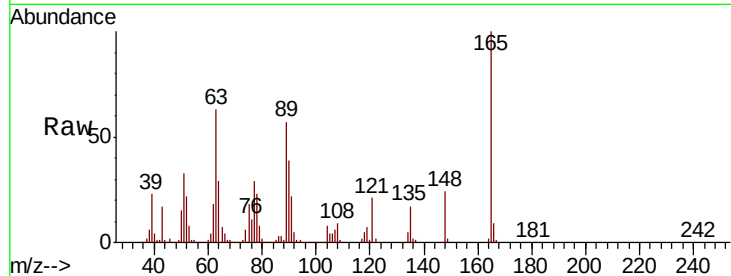
#51
2,6-Dinitrotoluene
Concen: 45.611 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	327375		
63	63.5	45.0	67.4	
89	57.1	41.5	62.3	

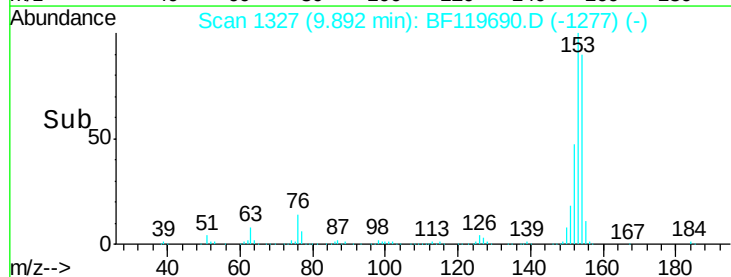
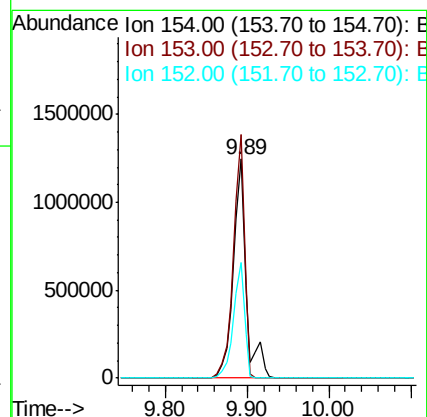
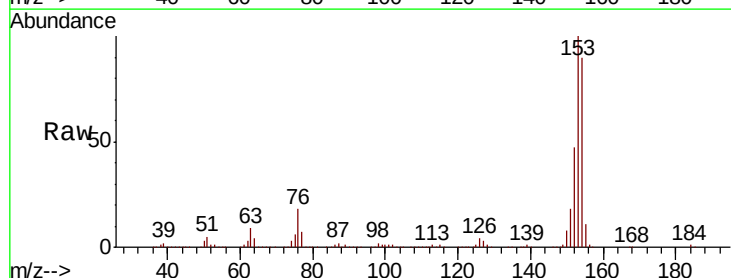
Manual Integrations
APPROVED

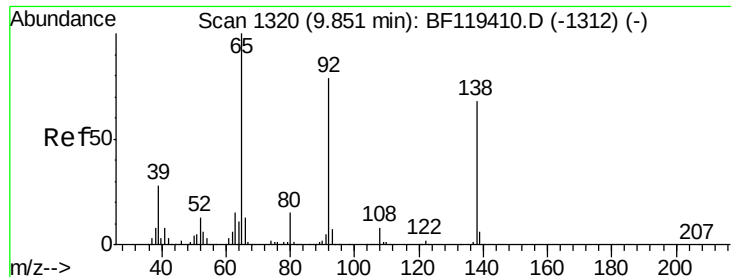
mohammad
4/3/2020 11:14:41 PM



#52
Acenaphthene
Concen: 45.852 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1350062		
153	111.0	88.1	132.1	
152	52.7	43.0	64.4	





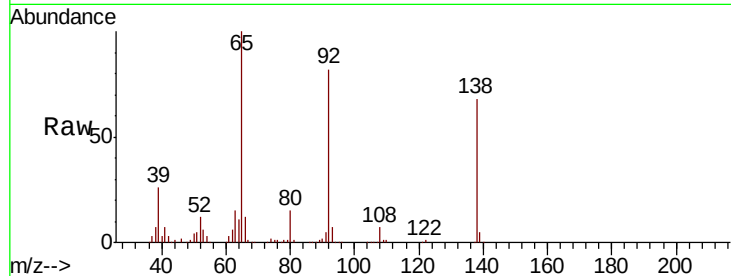
#53
3-Nitroaniline
Concen: 26.771 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

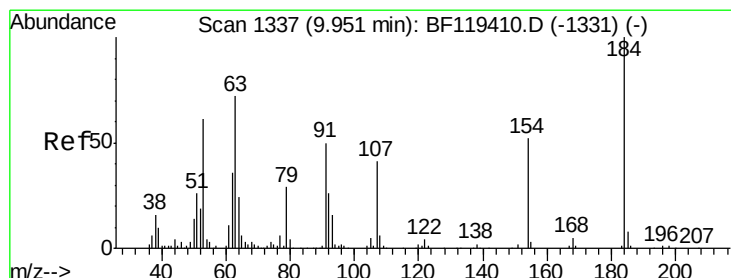
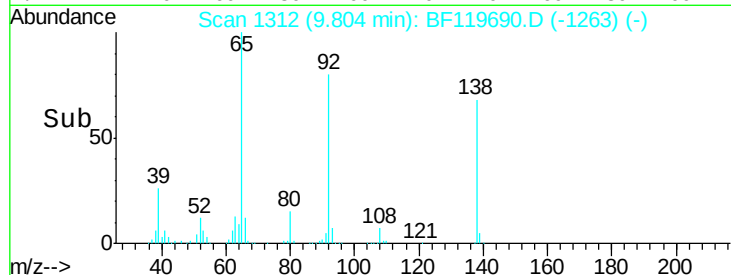
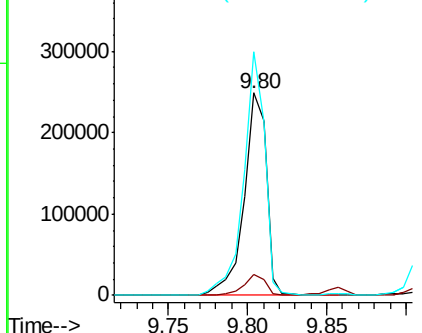
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.4	8.6	13.0	
92	120.5	95.4	143.0	

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM

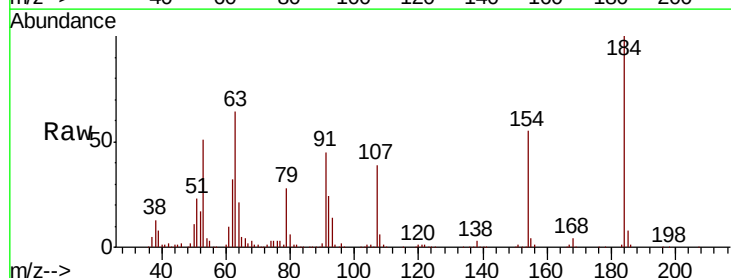


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

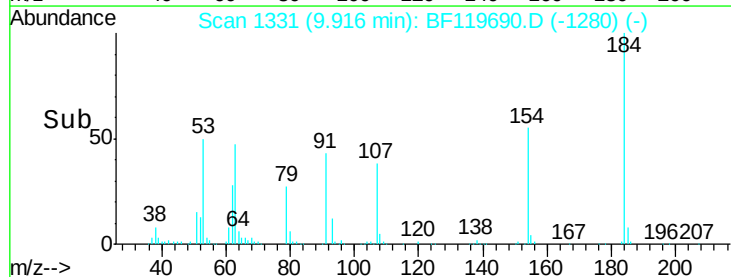
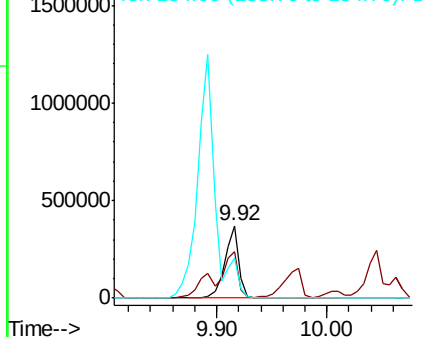


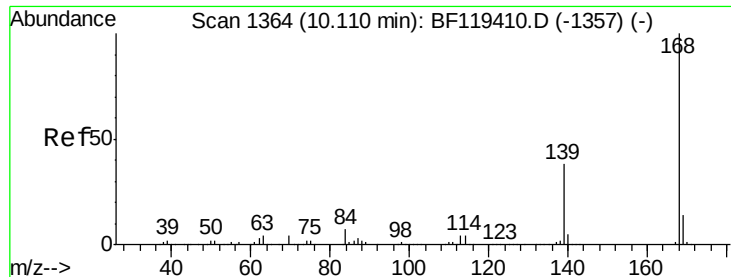
#54
2,4-Dinitrophenol
Concen: 103.555 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	64.1	50.2	75.4	
154	55.0	44.5	66.7	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





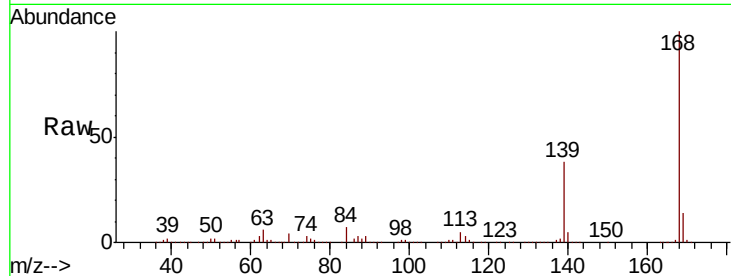
#55
Dibenzofuran
Concen: 42.040 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleID :
PB127927BS

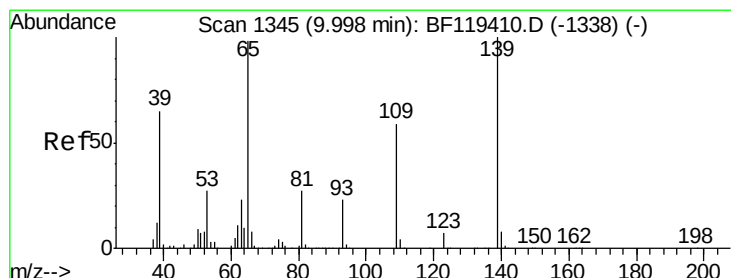
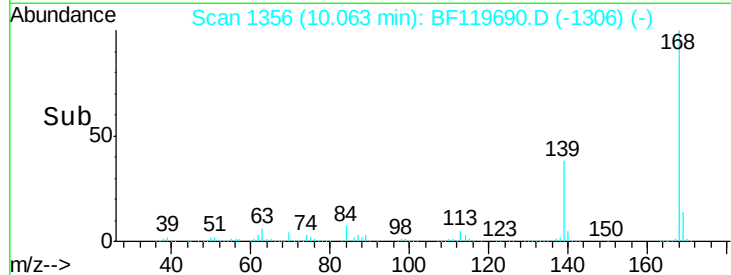
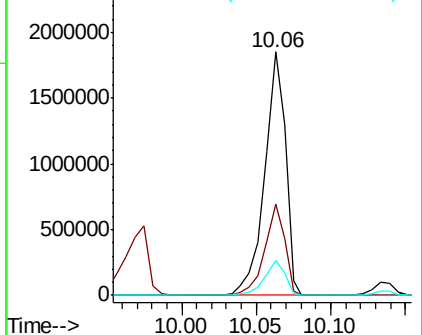
Tot Ion:168 Resp: 1774713
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.2 11.0 16.6

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM

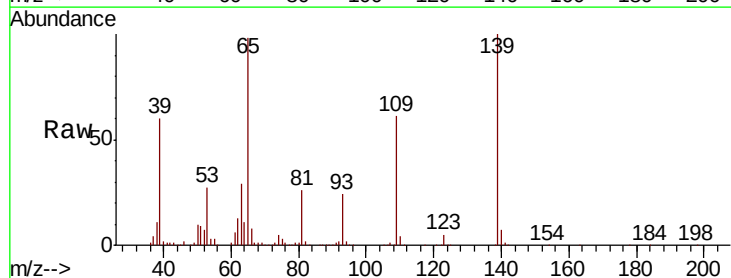


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

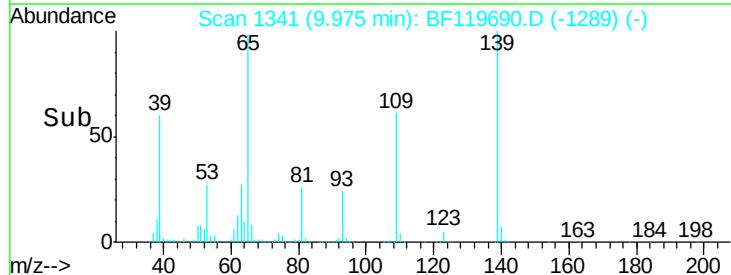
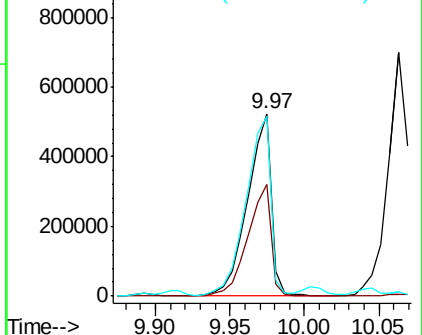


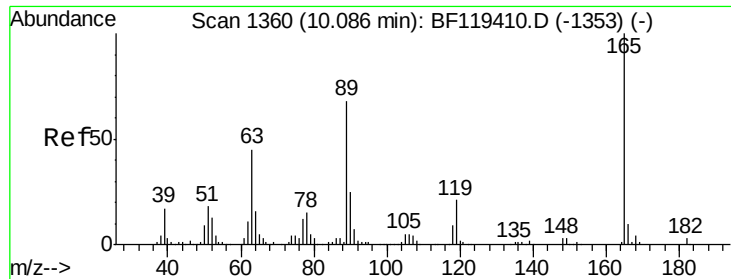
#56
4-Nitrophenol
Concen: 80.330 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion:139 Resp: 574233
Ion Ratio Lower Upper
139 100
109 61.1 43.3 83.3
65 98.5 91.0 131.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





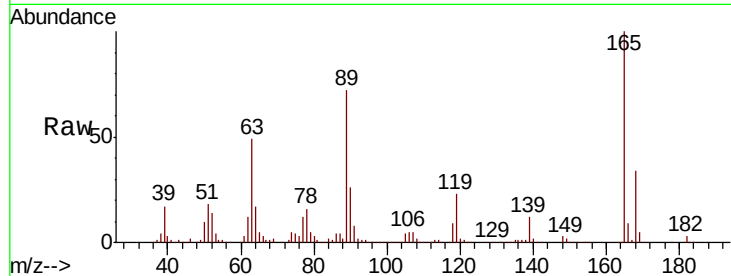
#57
2,4-Dinitrotoluene
Concen: 48.248 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

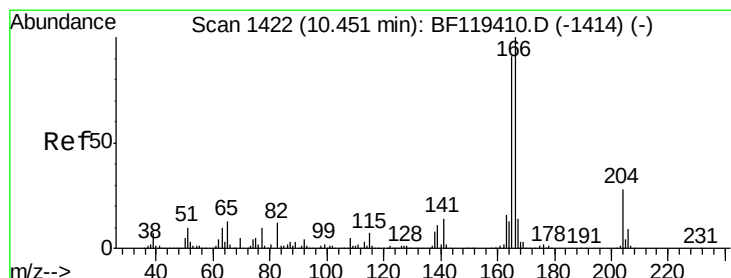
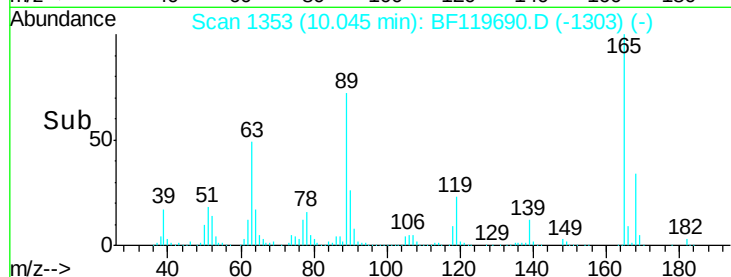
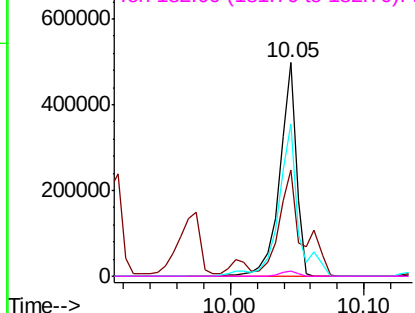
Tot Ion	Ratio	Resp	Lower	Upper
165	100	436250		
63	49.5	42.6	64.0	
89	71.6	61.0	91.4	
182	2.5	2.2	3.2	

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



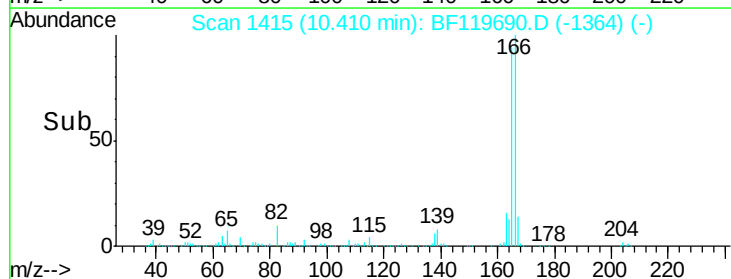
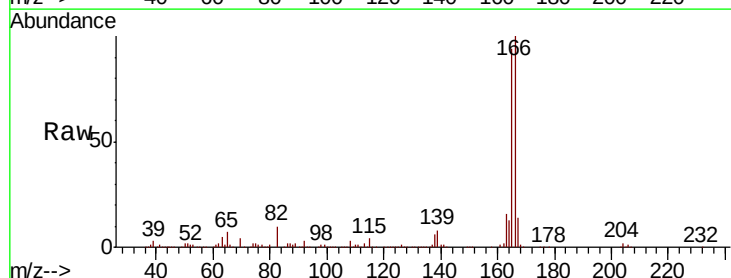
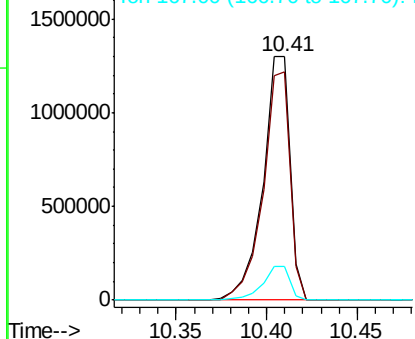
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

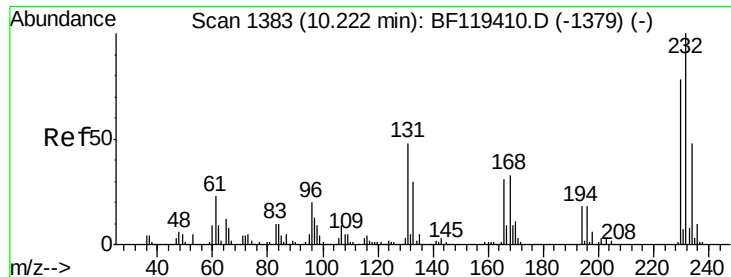


#58
Fluorene
Concen: 43.435 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1355947		
165	93.8	75.4	113.2	
167	13.7	11.2	16.8	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.000 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

ClientSampleId :

PB127927BS

Tot Ion:232 Resp: 372610
Ion Ratio Lower Upper

232 100

131 45.9 37.5 56.3

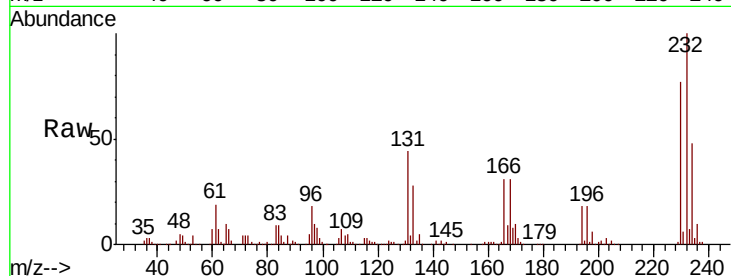
130 2.0 1.8 2.6

166 31.6 24.6 36.8

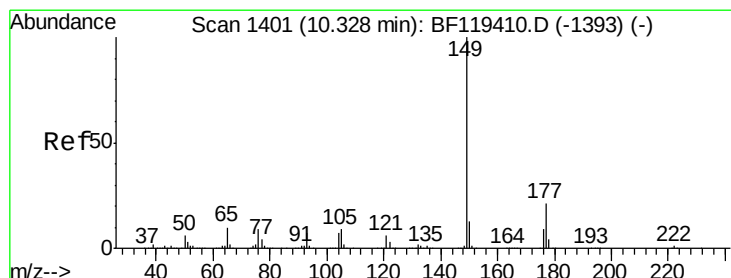
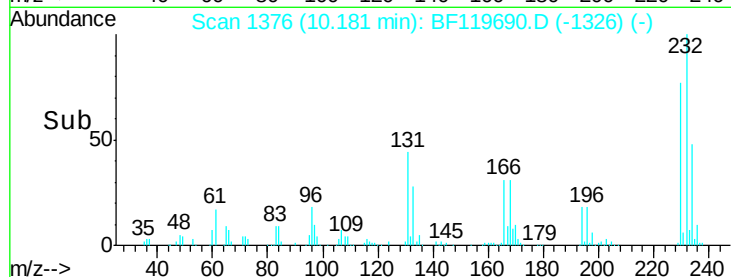
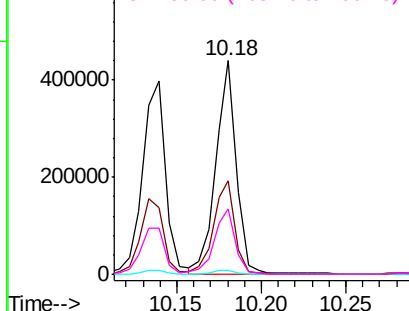
Manual Integrations
APPROVED

mohammad

4/3/2020 11:14:41 PM



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



#60

Diethylphthalate

Concen: 44.075 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF119690.D

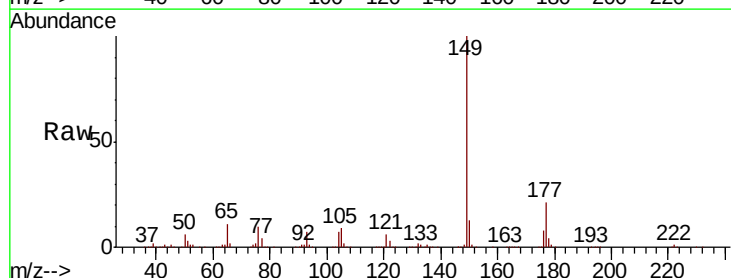
Acq: 2 Apr 2020 2:09

Tgt Ion:149 Resp: 1497941
Ion Ratio Lower Upper

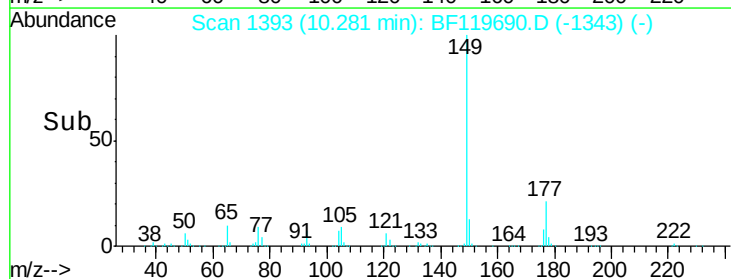
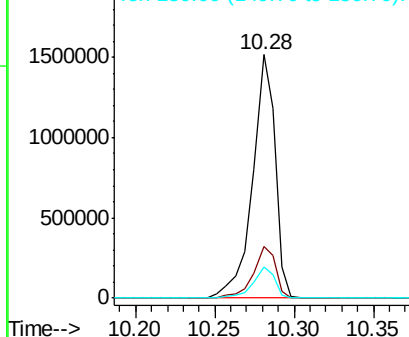
149 100

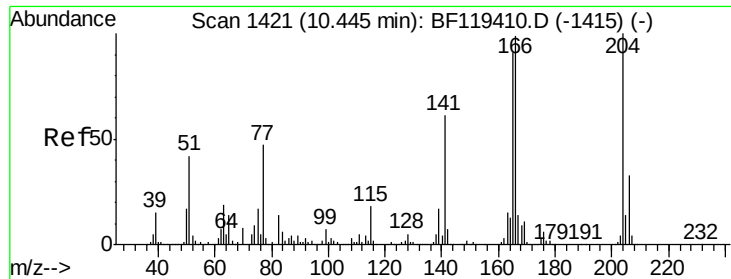
177 21.3 17.0 25.6

150 12.6 10.1 15.1



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





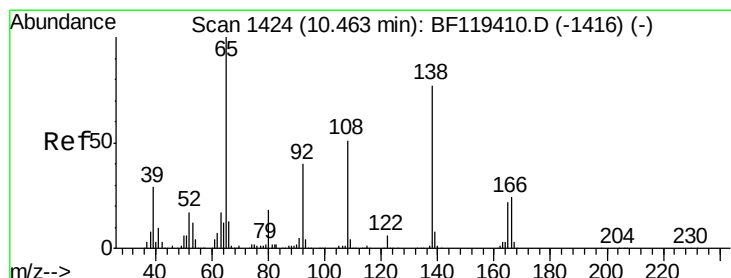
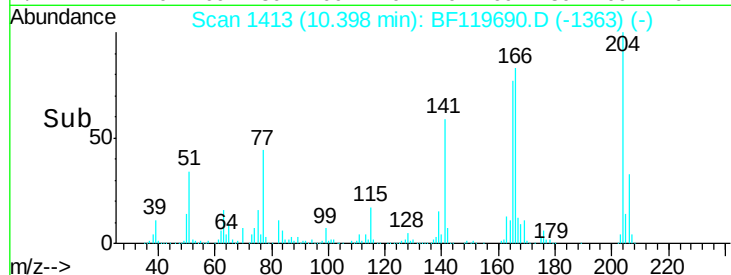
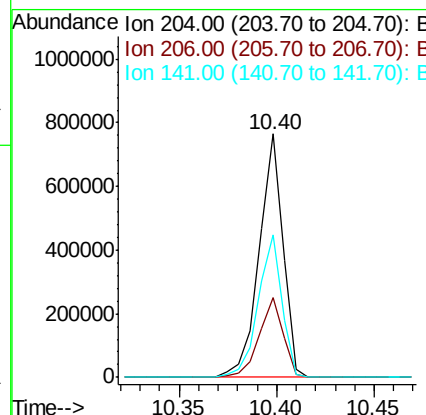
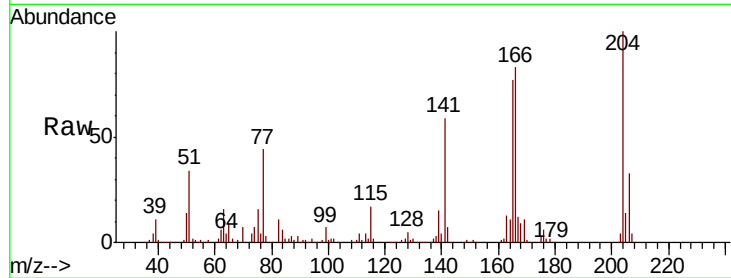
#61
 4-Chlorophenyl-phenylether
 Concen: 42.456 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Instrument :
 BNA_F
 ClientSampled :
 PB127927BS

Tot Ion:	204	Resp:	648129
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.7	40.1
141	58.7	47.3	70.9

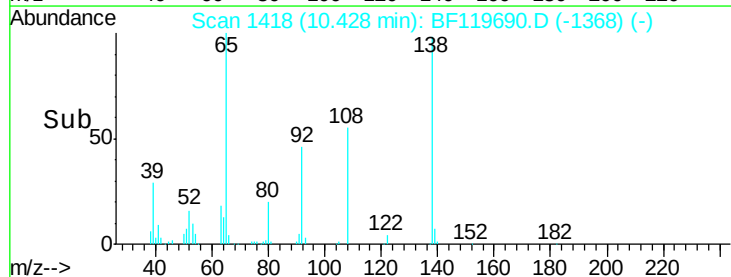
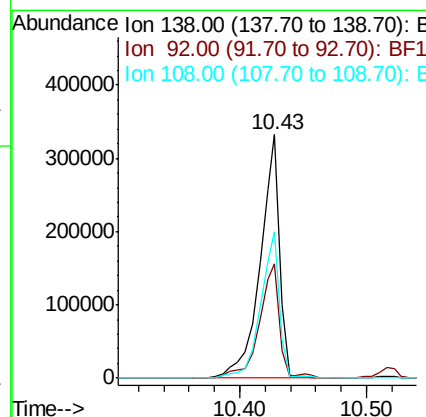
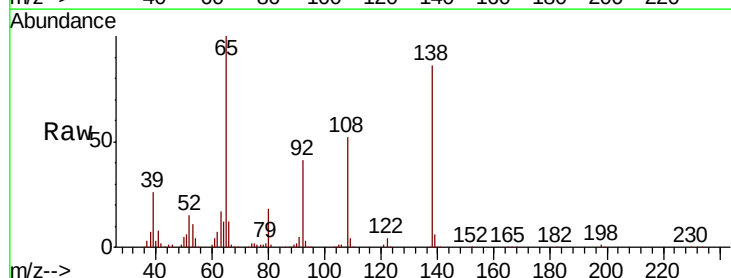
Manual Integrations
 APPROVED

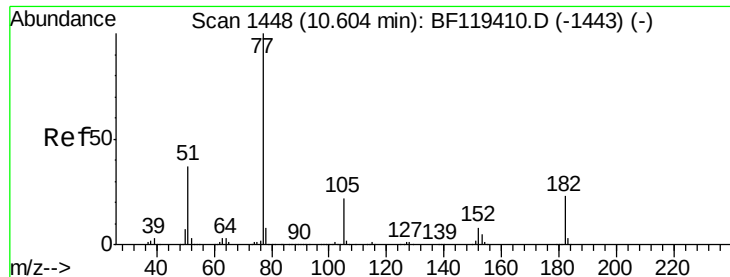
mohammad
 4/3/2020 11:14:41 PM



#62
 4-Nitroaniline
 Concen: 41.227 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Tgt Ion:	138	Resp:	358239
Ion Ratio	Lower	Upper	
138	100		
92	47.2	31.5	71.5
108	60.3	45.8	85.8





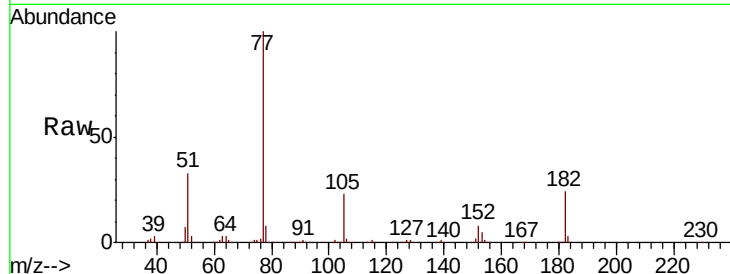
#63
Azobenzene
Concen: 41.703 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.4	44.4
105	22.9	2.6	42.6
51	32.9	15.1	55.1

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM

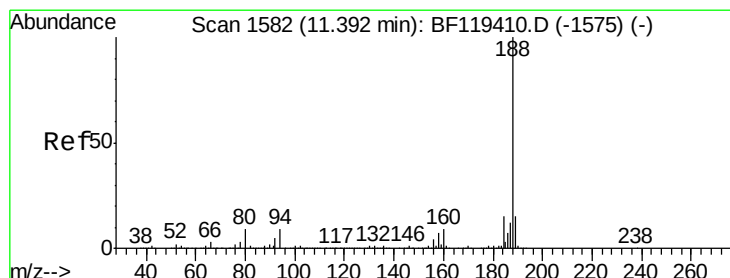
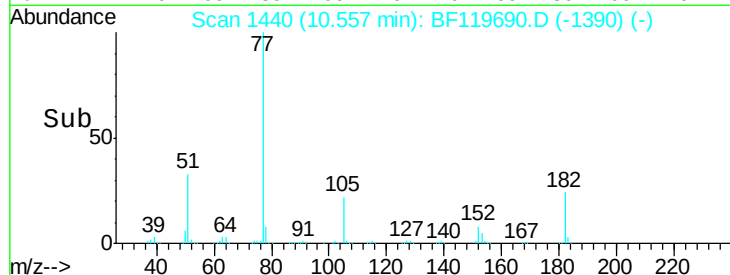
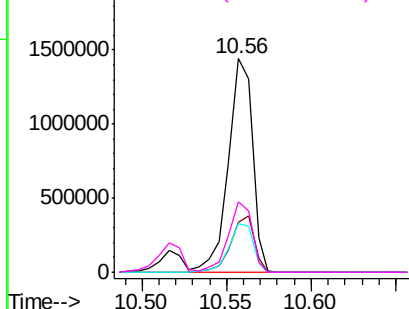


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

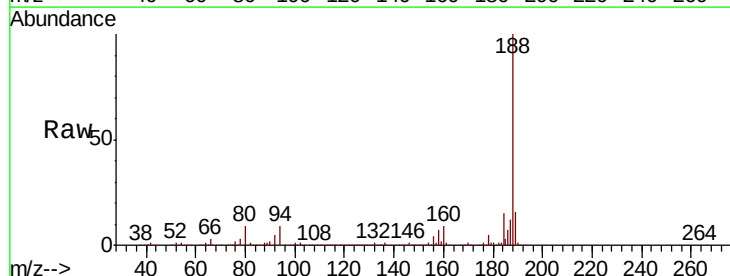
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

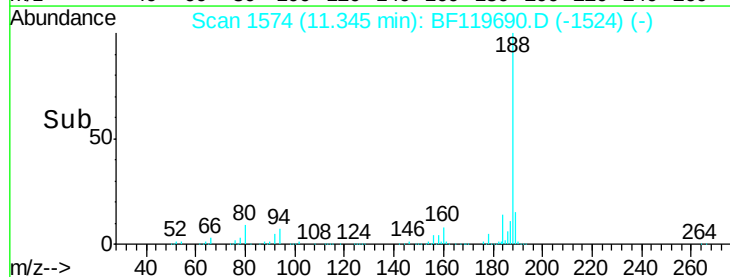
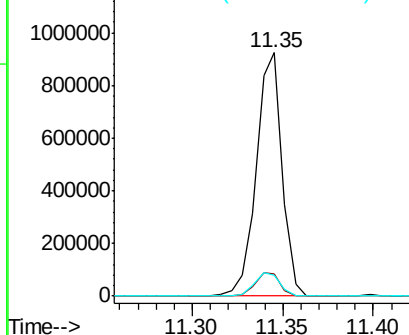
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	8.8	9.0	13.4#

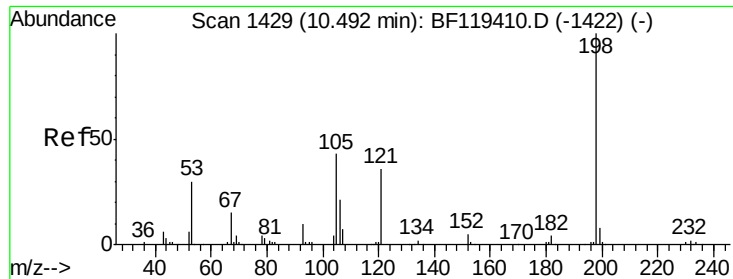


Abundance Ion 188.00 (187.70 to 188.70): E

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: 59.204 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

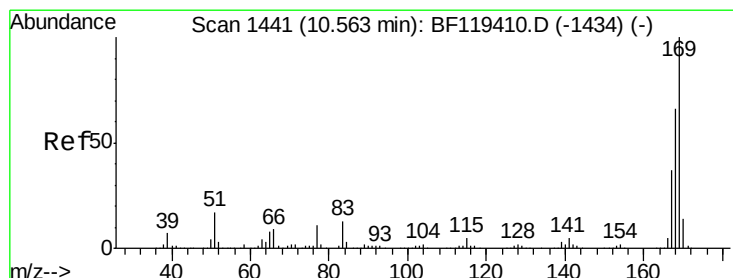
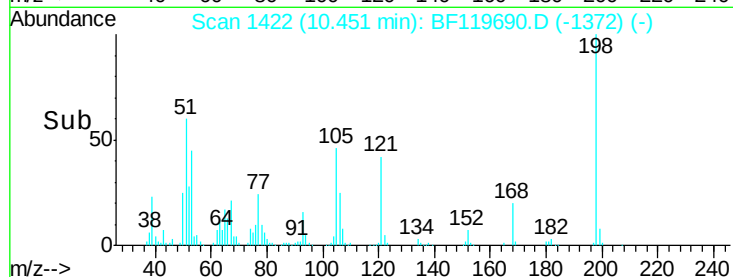
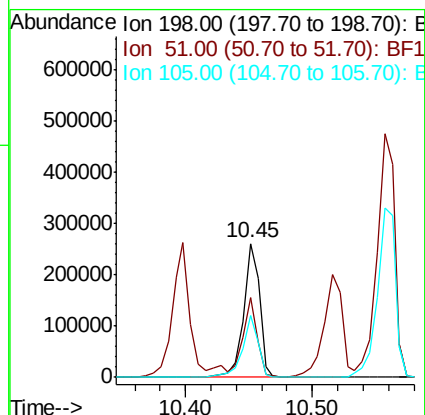
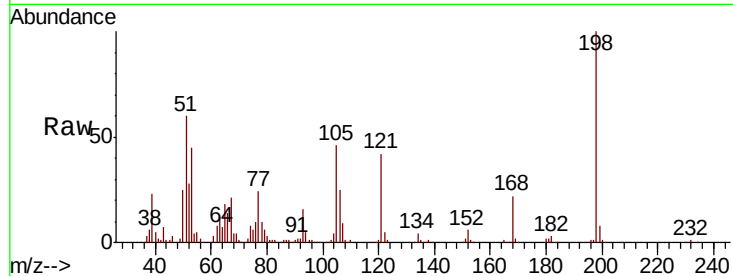
ClientSampleId :

PB127927BS

Tot Ion:	198	Resp:	225899
Ion Ratio	Lower	Upper	
198	100		
51	59.7	29.0	69.0
105	45.8	22.2	62.2

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



#66

n-Nitrosodiphenylamine

Concen: 42.281 ng

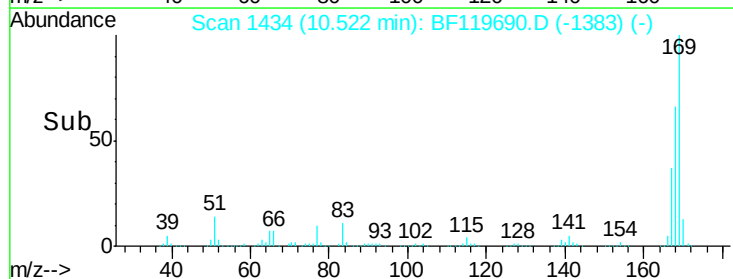
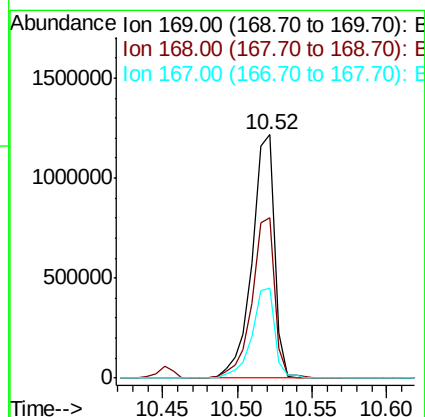
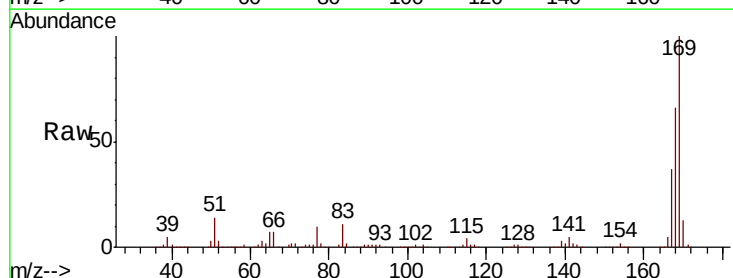
RT: 10.52 min Scan# 1434

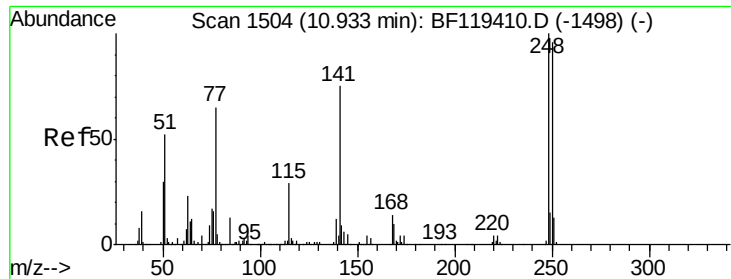
Delta R.T. 0.00 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Tgt Ion:	169	Resp:	1263004
Ion Ratio	Lower	Upper	
169	100		
168	65.9	53.2	79.8
167	36.8	29.1	43.7





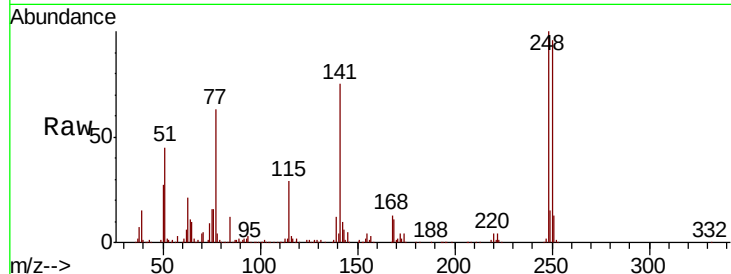
#67
4-Bromophenyl-phenylether
Concen: 41.940 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.3	115.9
141	74.6	58.6	87.8

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM

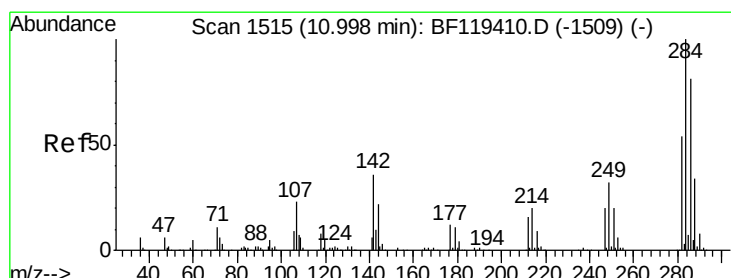
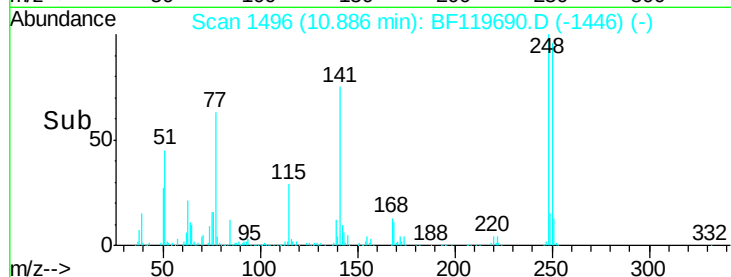
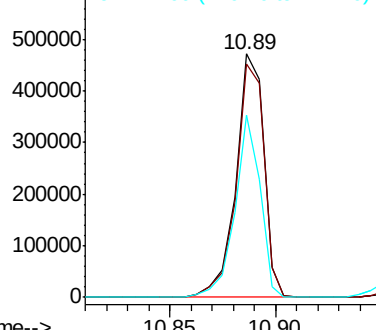


Abundance

Ion 248.00 (247.70 to 248.70): E

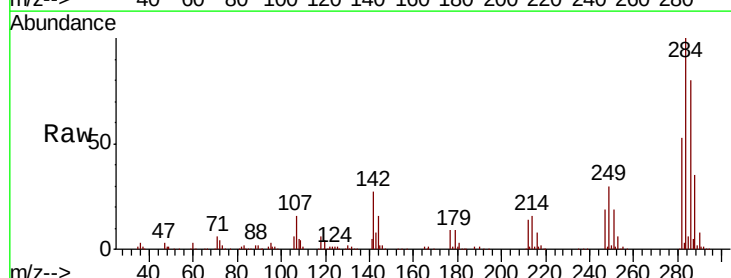
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.886 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.2	29.2	43.8#
249	30.1	25.1	37.7

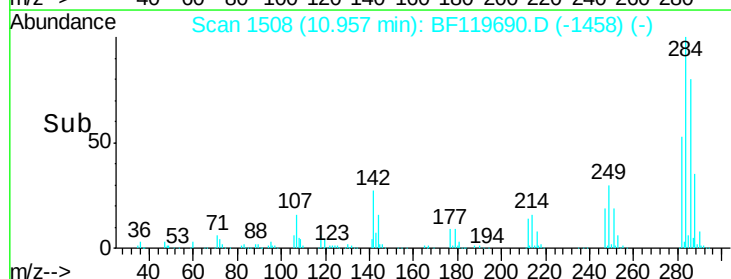
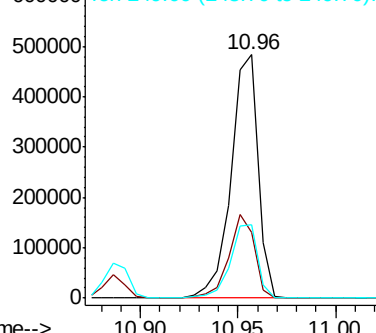


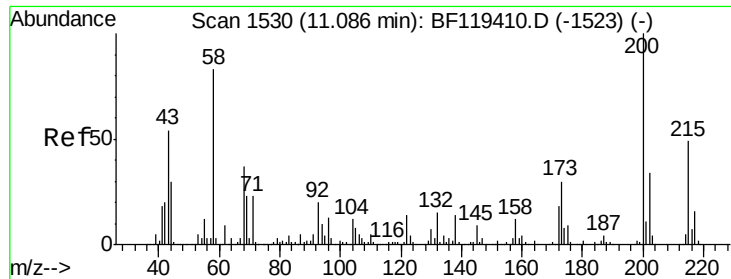
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





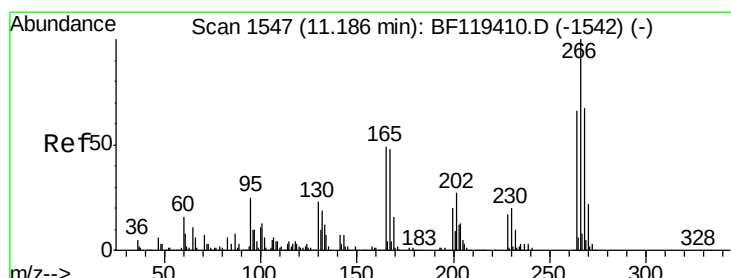
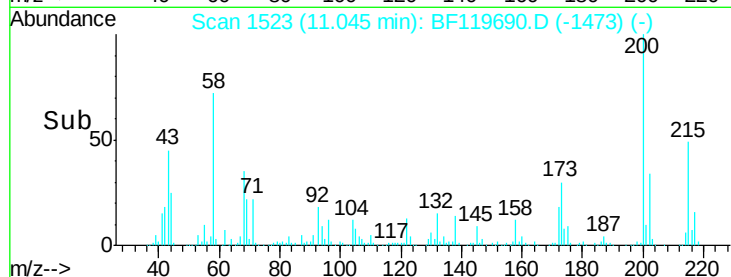
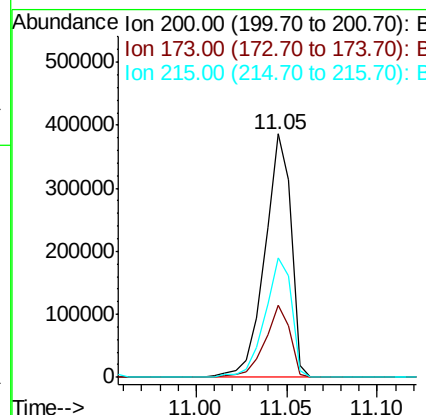
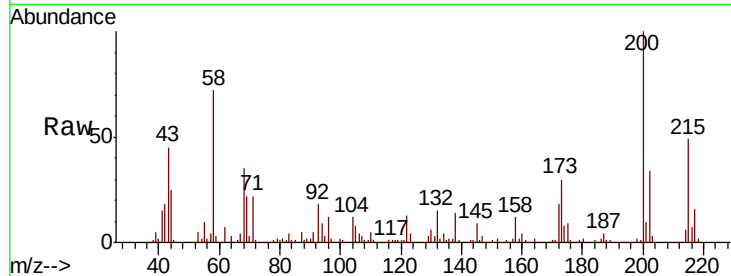
#69
Atrazine
Concen: 47.327 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.7	9.3	49.3
215	49.2	29.5	69.5

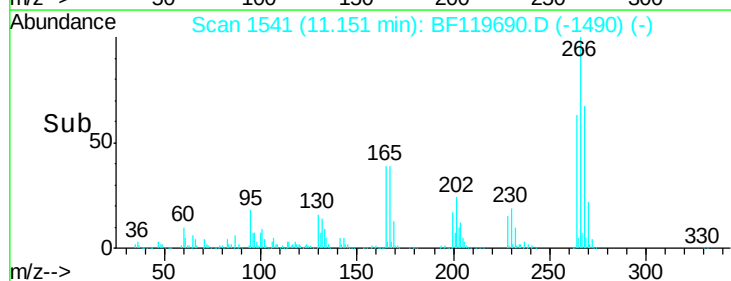
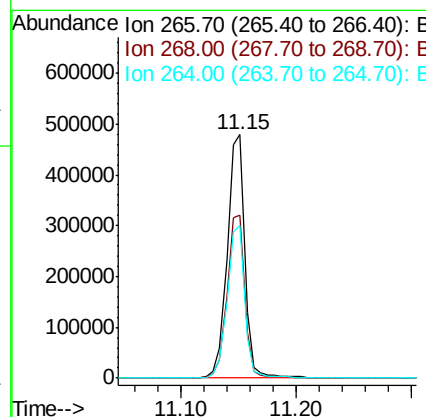
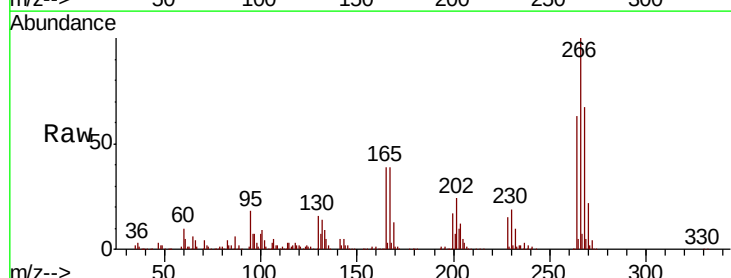
Manual Integrations
APPROVED

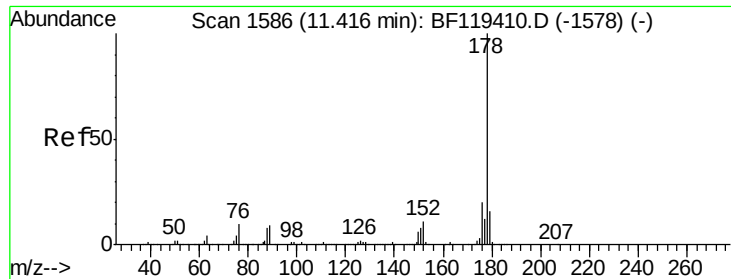
mohammad
4/3/2020 11:14:41 PM



#70
Pentachlorophenol
Concen: 81.831 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.8	53.3	79.9
264	63.0	49.0	73.4





#71

Phenanthrene

Concen: 41.525 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

ClientSampleId :

PB127927BS

Tot Ion:178 Resp: 1959234

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

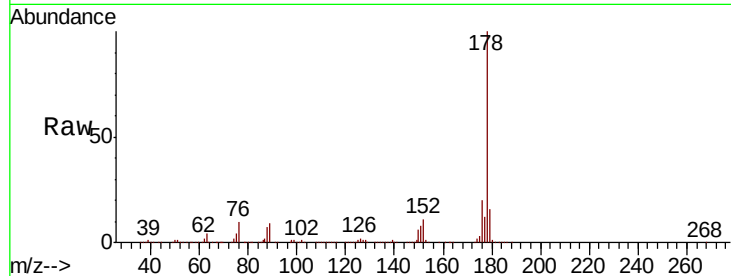
179 16.0 13.2 19.8

Manual Integrations

APPROVED

mohammad

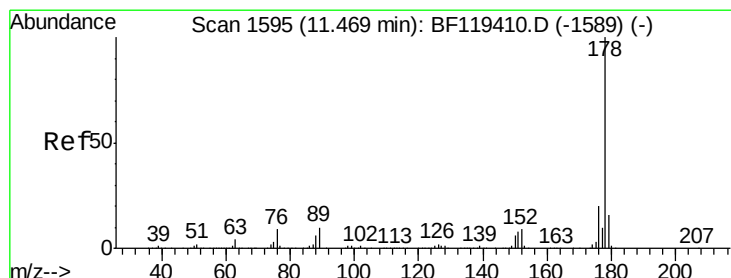
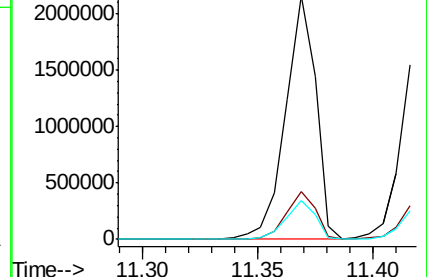
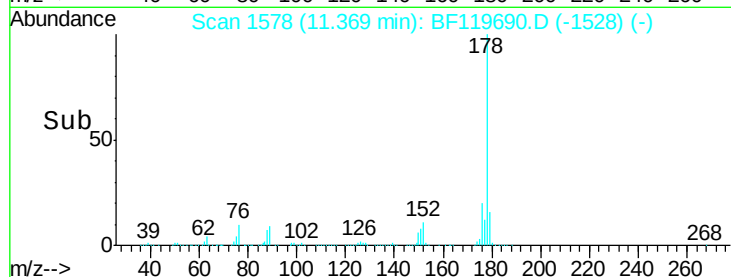
4/3/2020 11:14:41 PM



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: 42.063 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

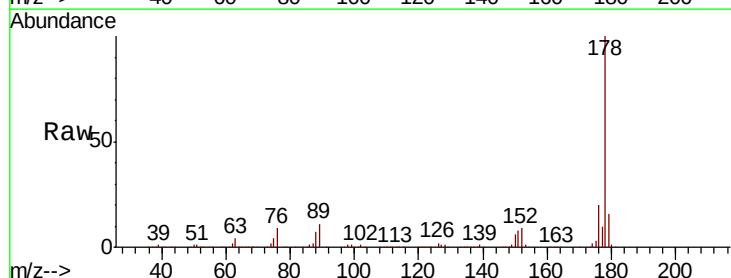
Tgt Ion:178 Resp: 2017061

Ion Ratio Lower Upper

178 100

176 19.8 16.1 24.1

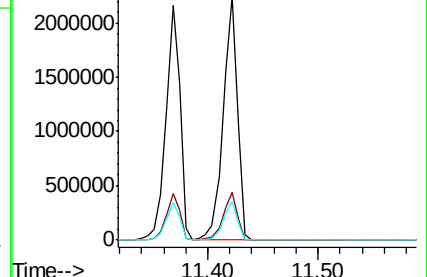
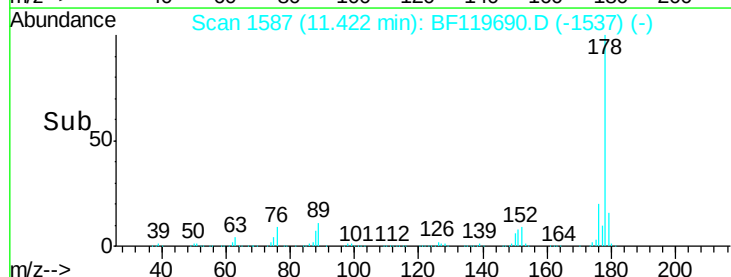
179 16.2 13.0 19.4

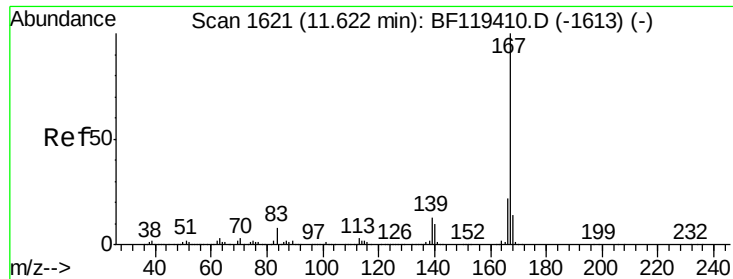


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





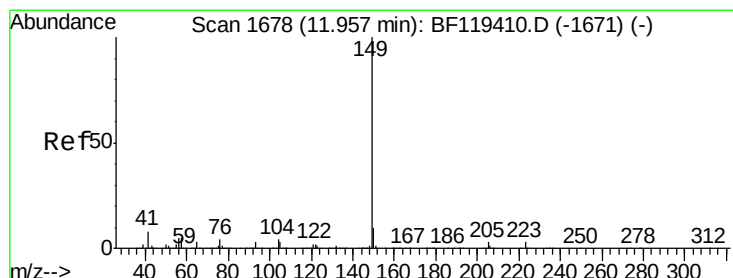
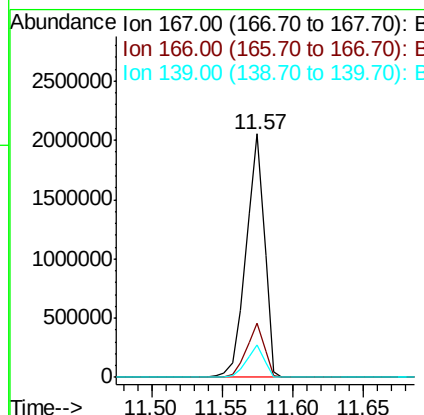
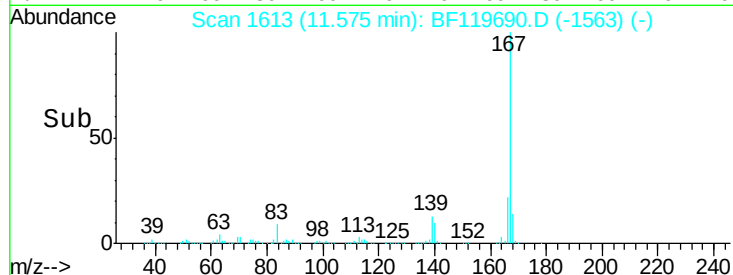
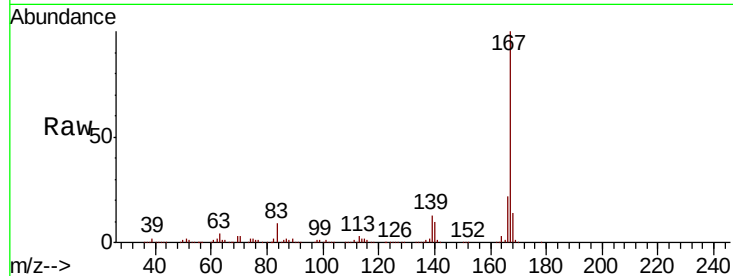
#73
 Carbazole
 Concen: 39.209 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BS

Tot Ion:	167	Resp:	1861021
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.1	10.7	16.1

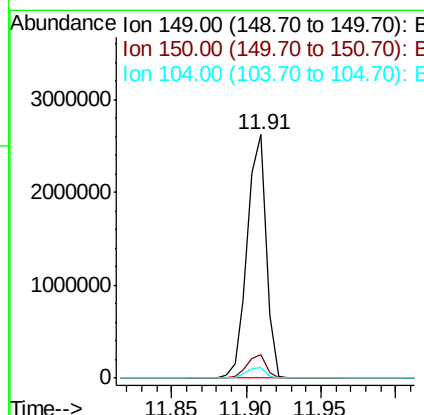
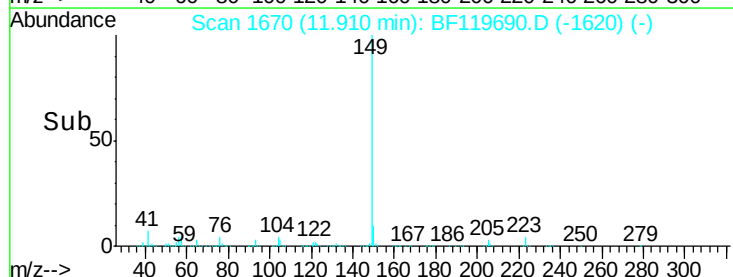
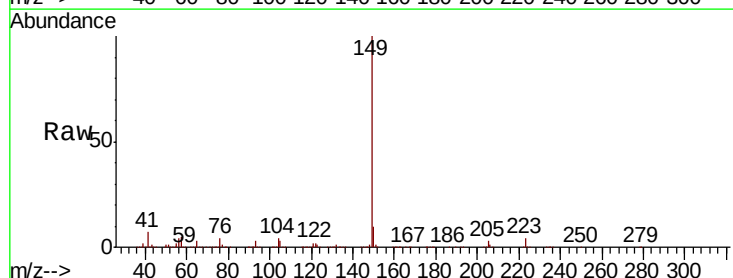
Manual Integrations
 APPROVED

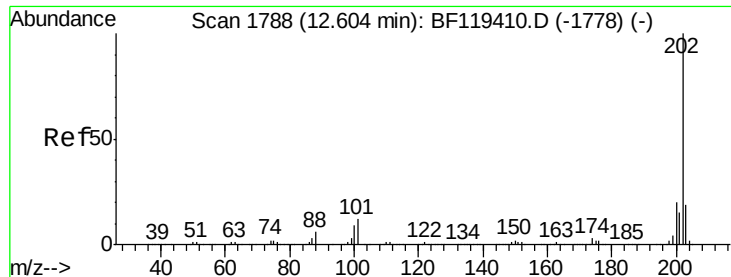
mohammad
 4/3/2020 11:14:41 PM



#74
 Di-n-butylphthalate
 Concen: 45.541 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Tgt Ion:	149	Resp:	2312319
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.4	3.6	5.4





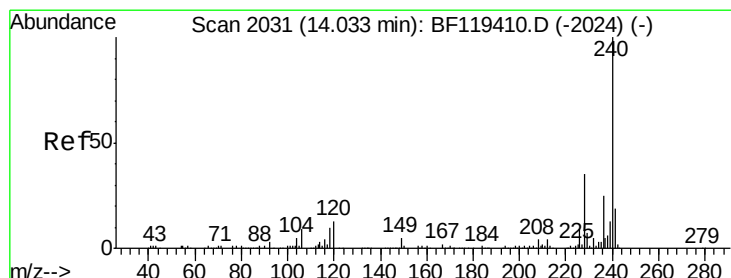
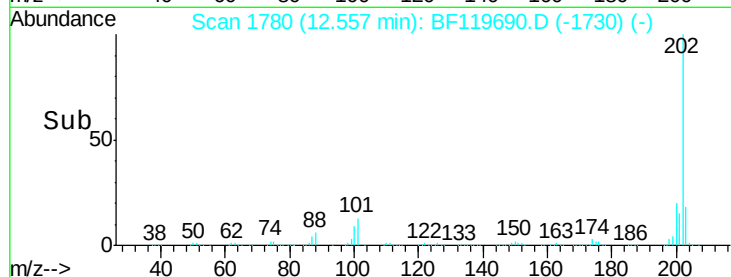
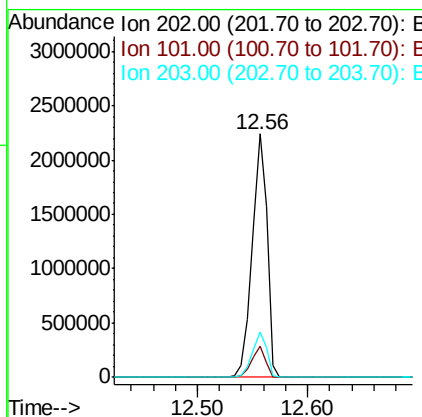
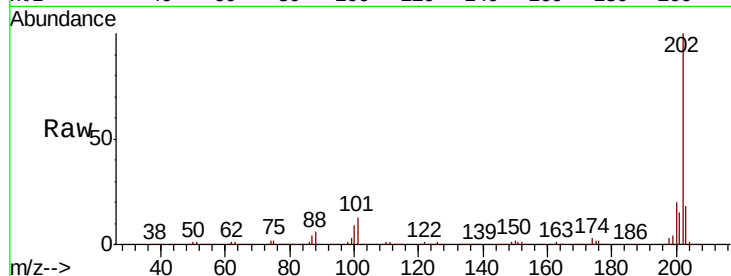
#75
 Fluoranthene
 Concen: 41.880 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.2
203	18.4	0.0	38.8

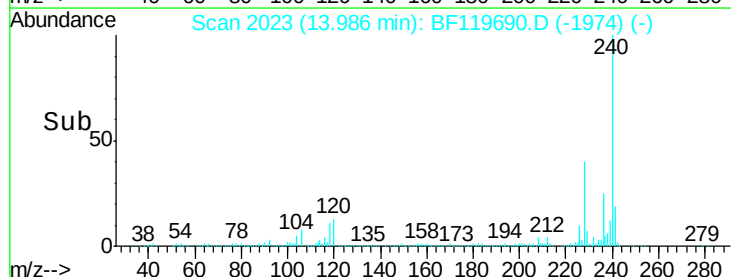
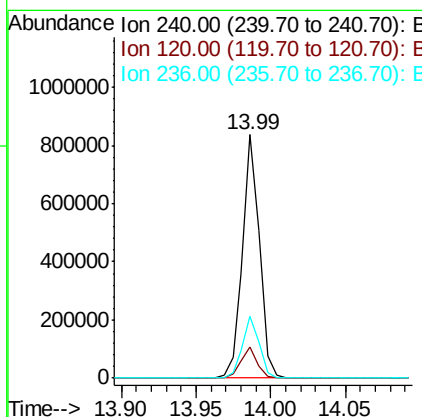
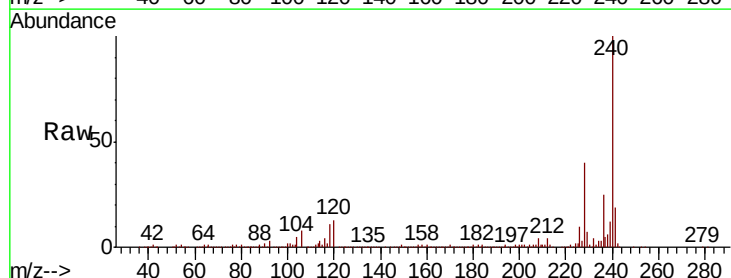
Manual Integrations
 APPROVED

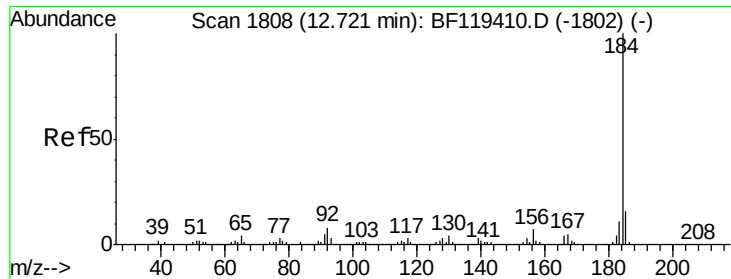
mohammad
 4/3/2020 11:14:41 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.6	15.8
236	25.3	20.2	30.2





#77

Benzidine

Concen: 39.924 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

ClientSampleId :

PB127927BS

Tot Ion:184 Resp: 1122776

Ion Ratio Lower Upper

184 100

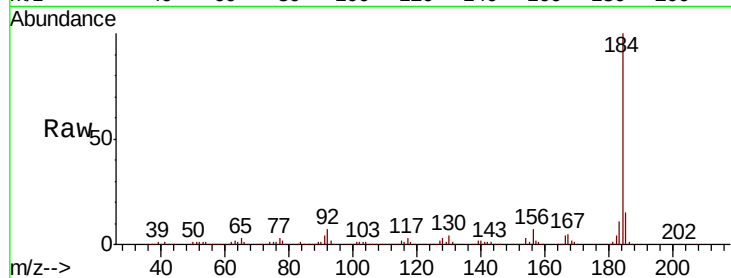
185 14.8 12.3 18.5

183 11.2 9.0 13.6

Manual Integrations
APPROVED

mohammad

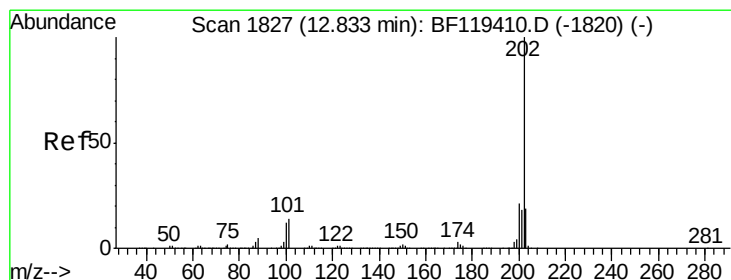
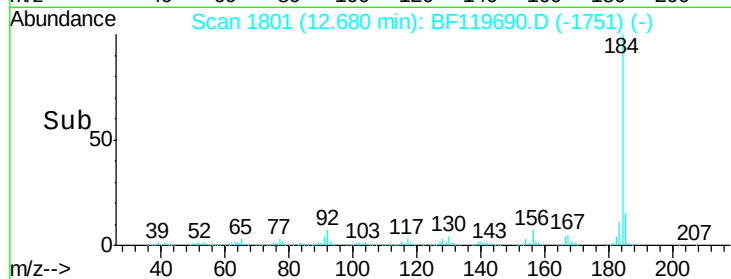
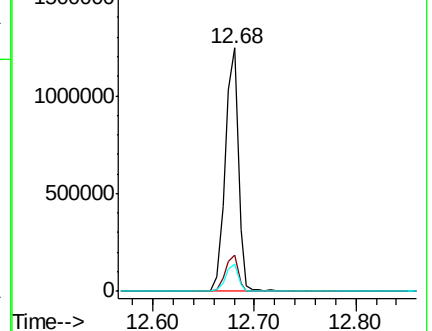
4/3/2020 11:14:41 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.453 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

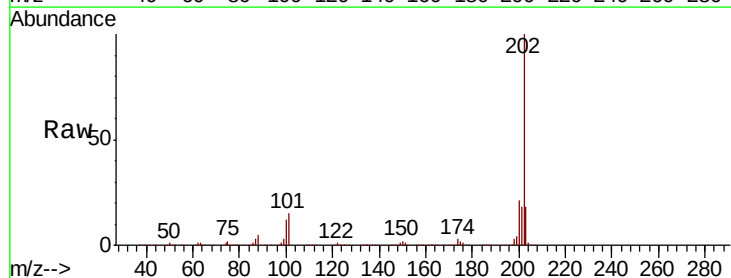
Tgt Ion:202 Resp: 2151638

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

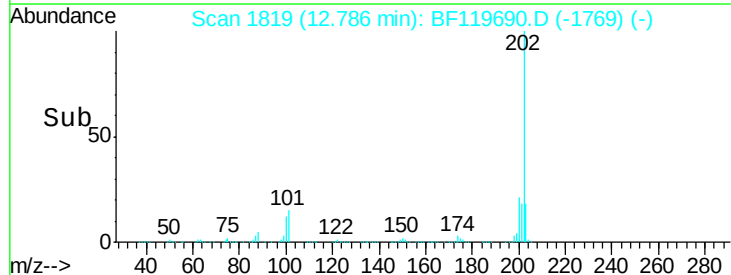
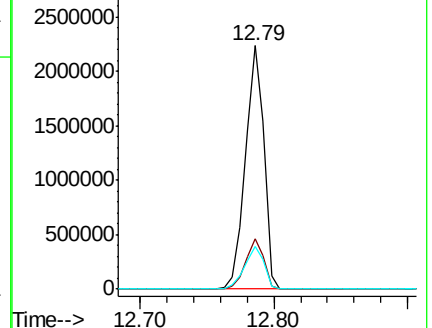
203 17.8 15.1 22.7

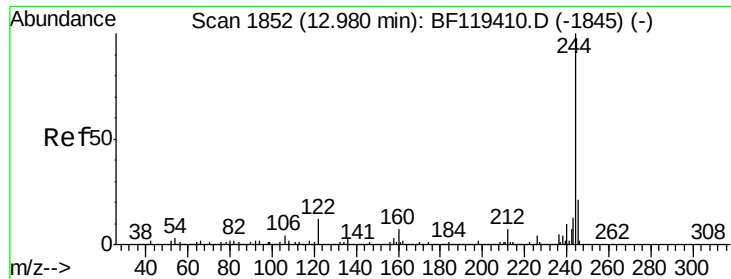


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





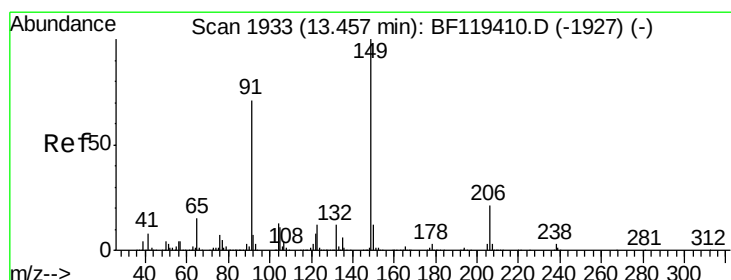
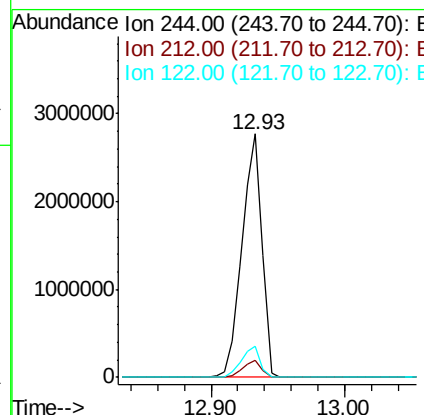
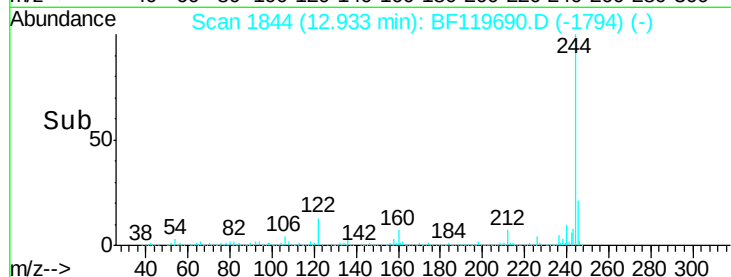
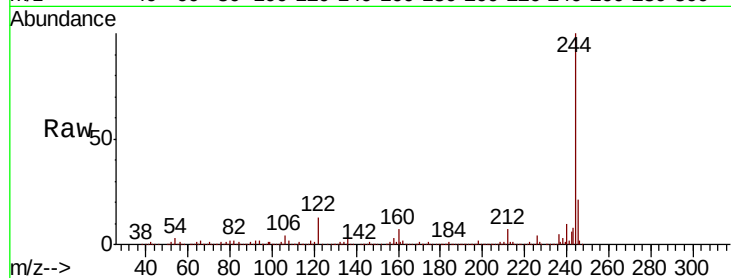
#79
Terphenyl-d14
Concen: 84.999 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.5	10.3	15.5

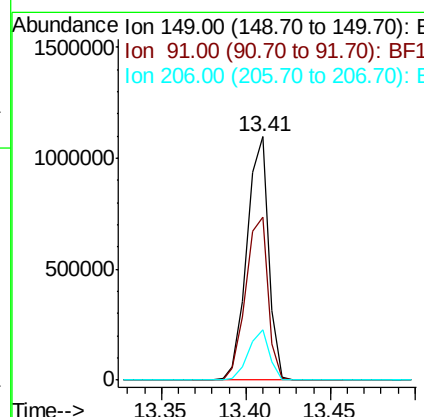
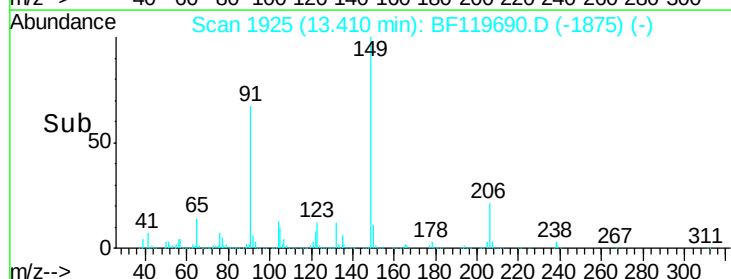
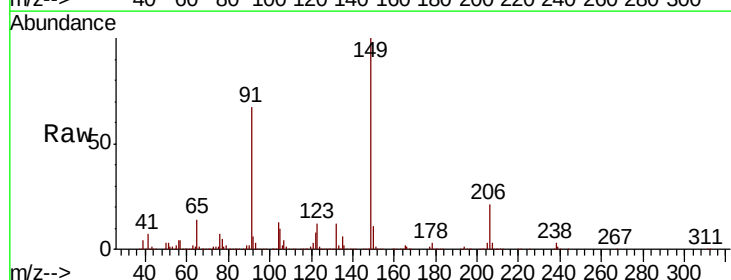
Manual Integrations
APPROVED

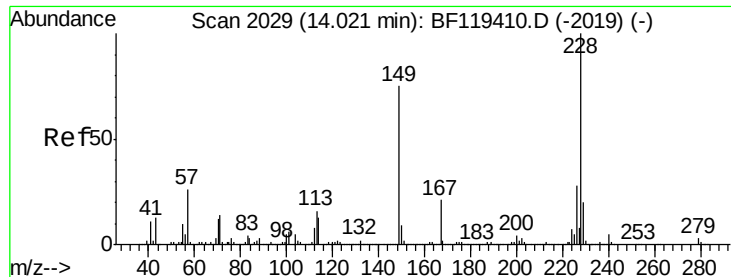
mohammad
4/3/2020 11:14:41 PM



#80
Butylbenzylphthalate
Concen: 44.545 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.7	54.7	82.1
206	20.5	16.2	24.2





#81

Benzo(a)anthracene

Concen: 39.517 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

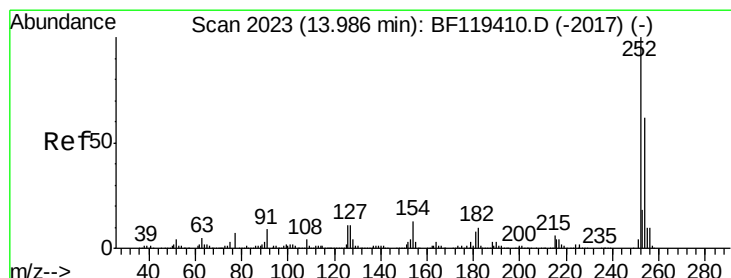
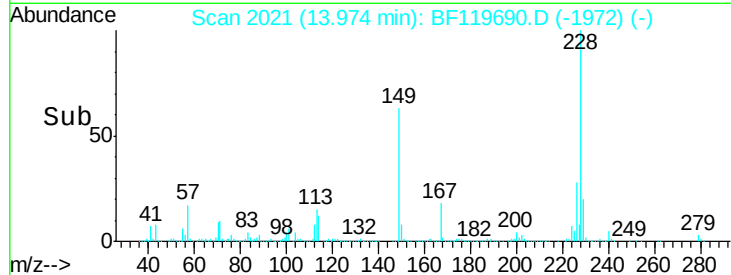
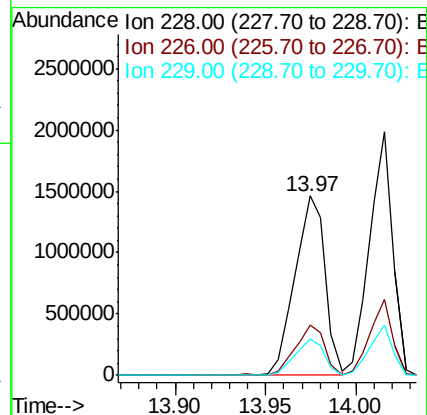
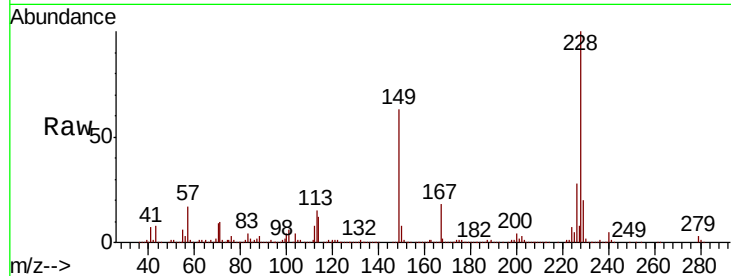
ClientSampled :

PB127927BS

Tot Ion:	228	Resp:	1707646
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.0	16.2	24.4

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



#82

3,3'-Dichlorobenzidine

Concen: 25.779 ng

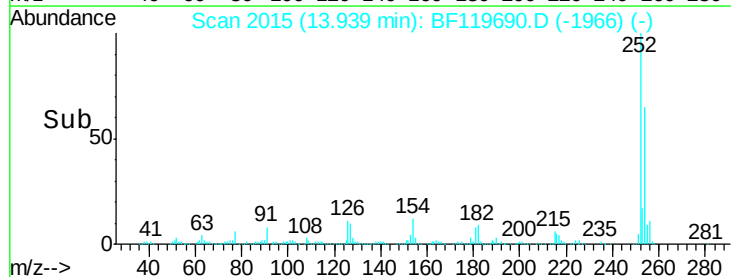
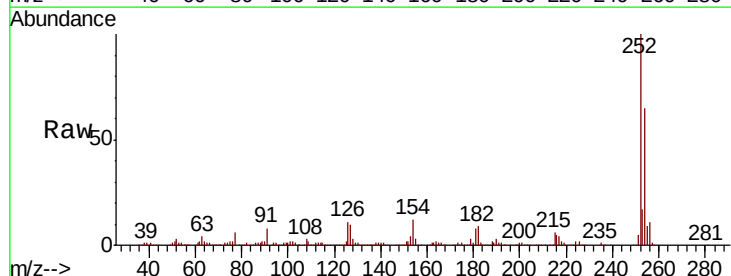
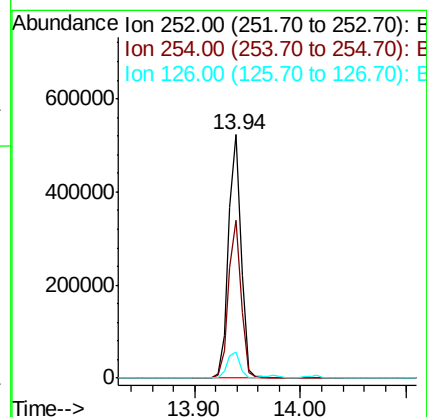
RT: 13.94 min Scan# 2015

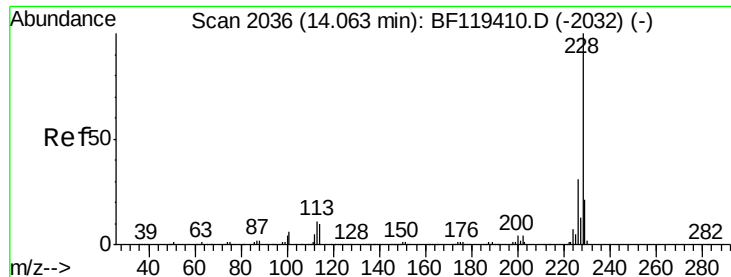
Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Tgt Ion:	252	Resp:	439225
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	10.8	9.6	14.4





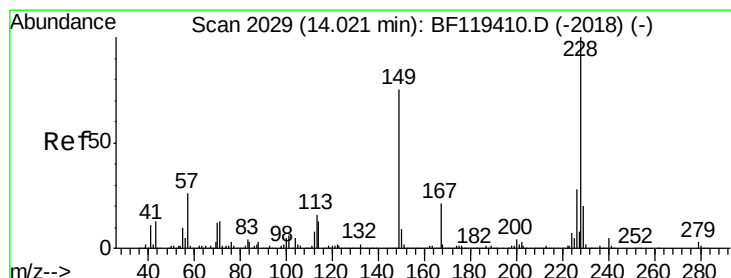
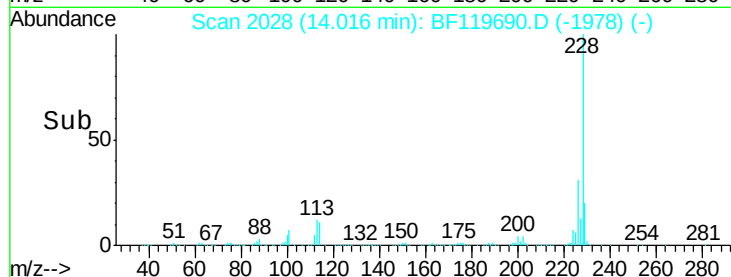
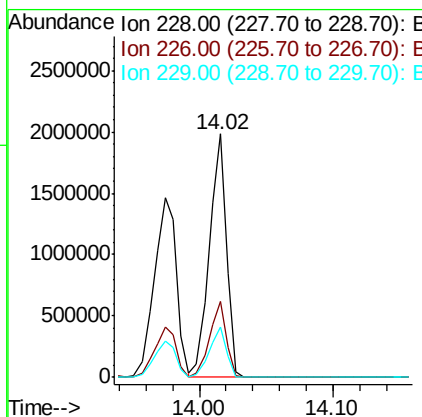
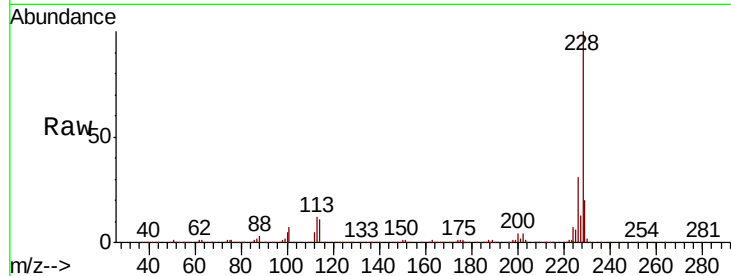
#83
 Chrysene
 Concen: 39.834 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Instrument :
 BNA_F
 ClientSampleId :
 PB127927BS

Tot Ion:228 Resp: 1776509
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 20.4 16.6 24.8

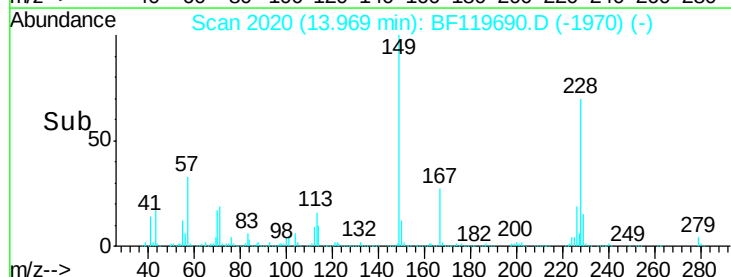
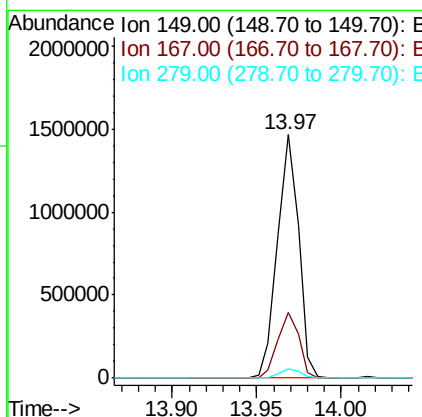
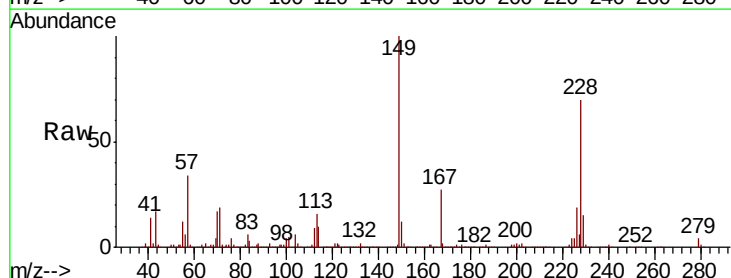
Manual Integrations
 APPROVED

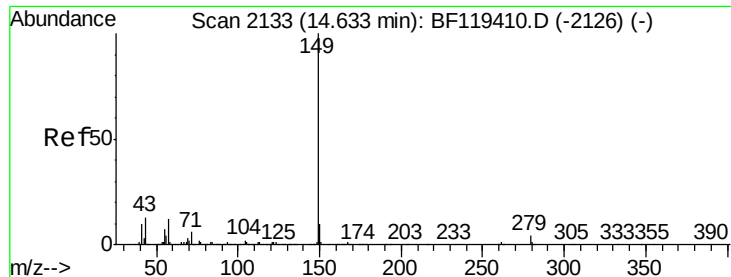
mohammad
 4/3/2020 11:14:41 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.607 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF119690.D
 Acq: 2 Apr 2020 2:09

Tgt Ion:149 Resp: 1278099
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.6 2.7 4.1





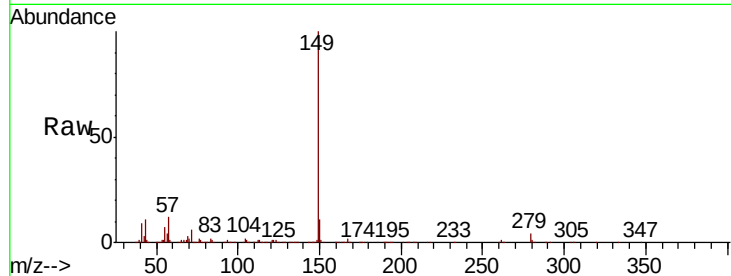
#85
Di-n-octyl phthalate
Concen: 50.084 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

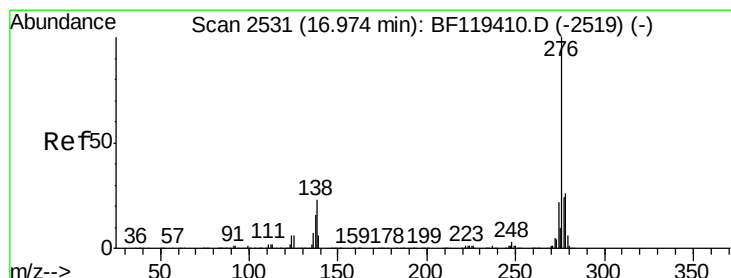
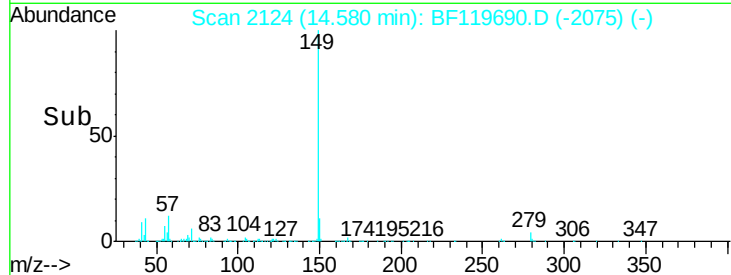
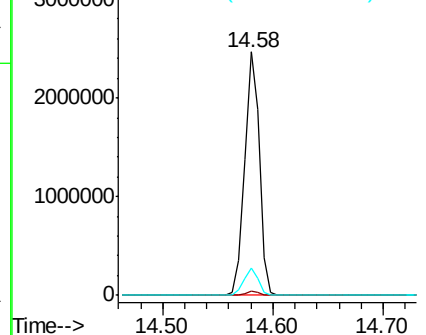
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.0	9.3	13.9

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM

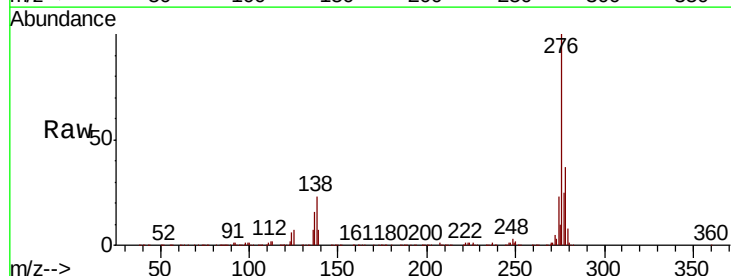


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

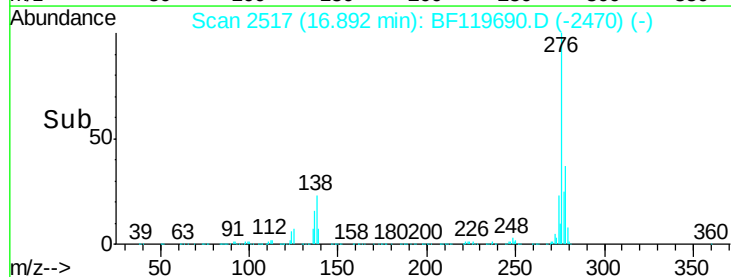
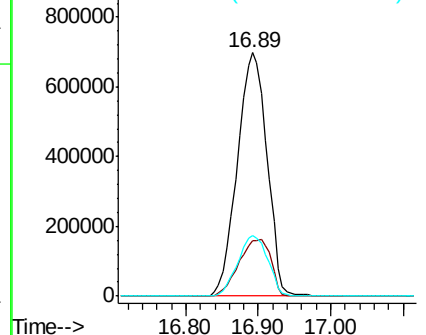


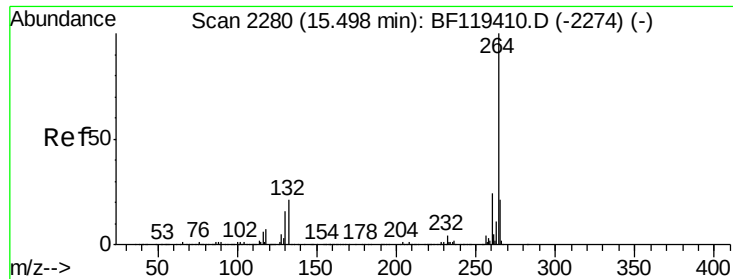
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.105 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.6	29.4
277	25.3	20.0	30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Instrument :

BNA_F

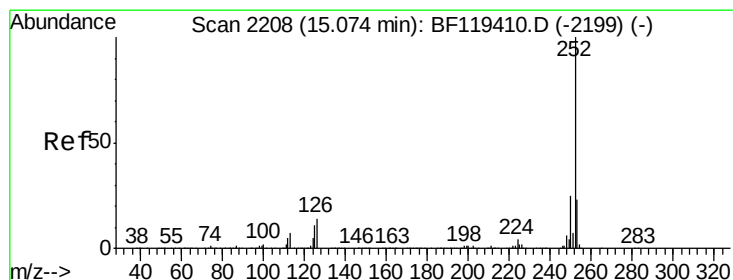
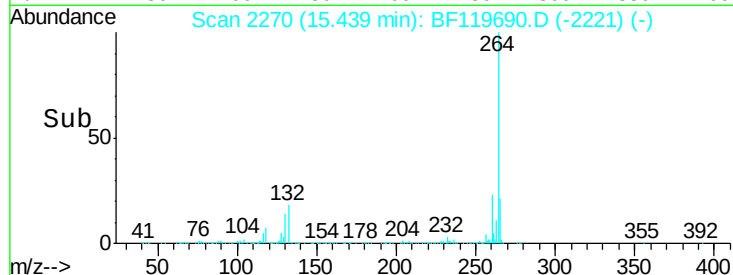
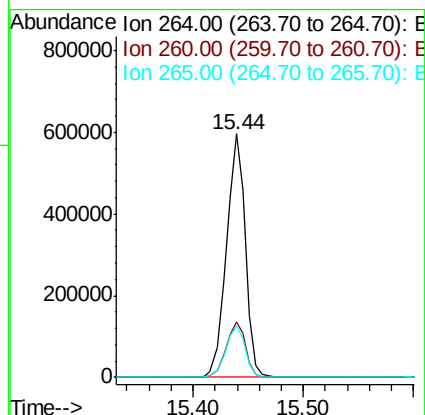
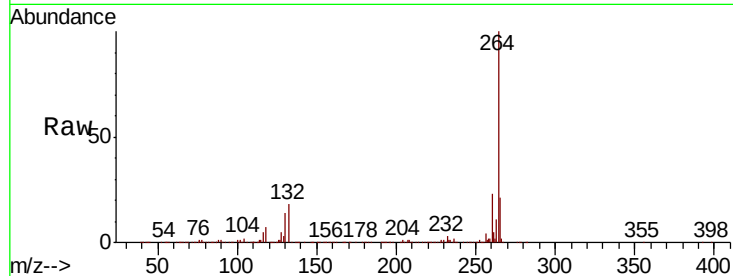
ClientSampleId :

PB127927BS

Tot Ion:	264	Resp:	710498
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.7	28.1
265	21.2	17.7	26.5

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



#88

Benzo(b)fluoranthene

Concen: 41.243 ng

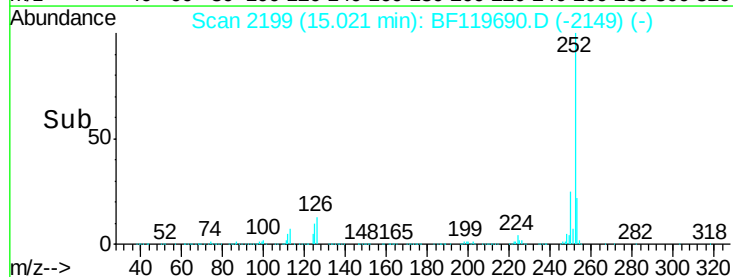
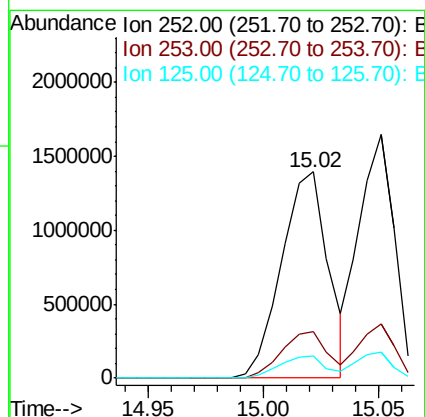
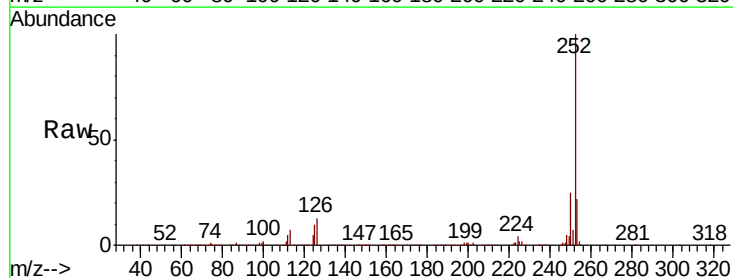
RT: 15.02 min Scan# 2199

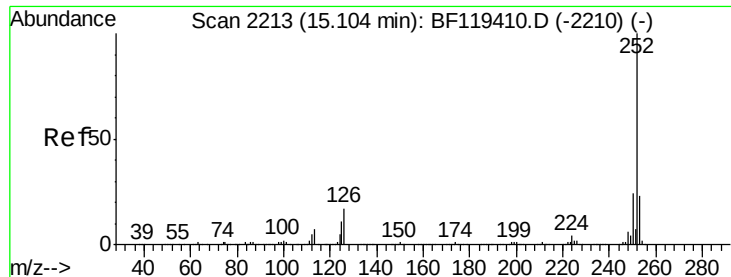
Delta R.T. -0.01 min

Lab File: BF119690.D

Acq: 2 Apr 2020 2:09

Tgt Ion:	252	Resp:	1957420
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	10.5	7.9	11.9





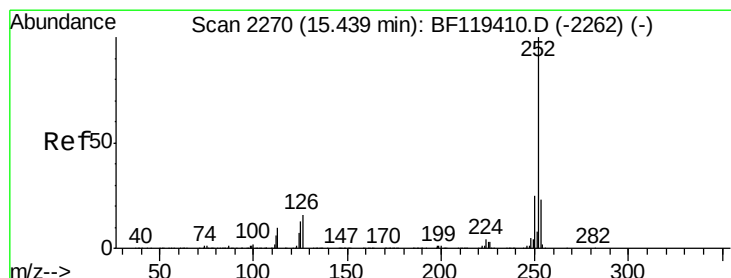
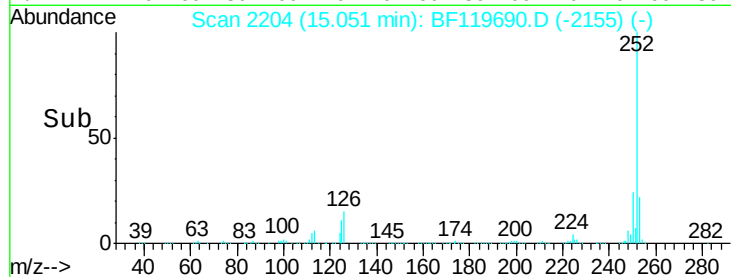
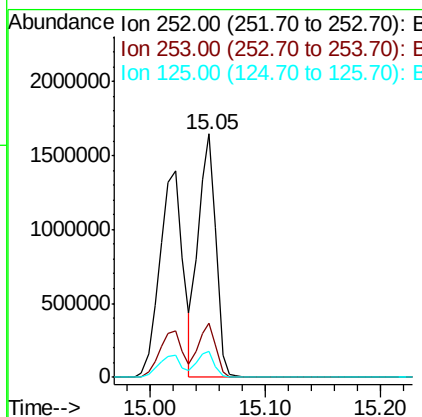
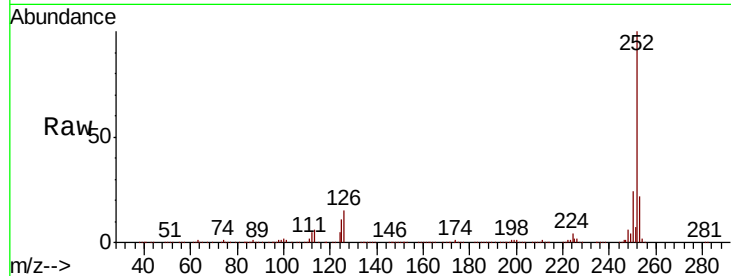
#89
Benzo(k)fluoranthene
Concen: 39.027 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion:252 Resp: 1763724
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.6 8.4 12.6

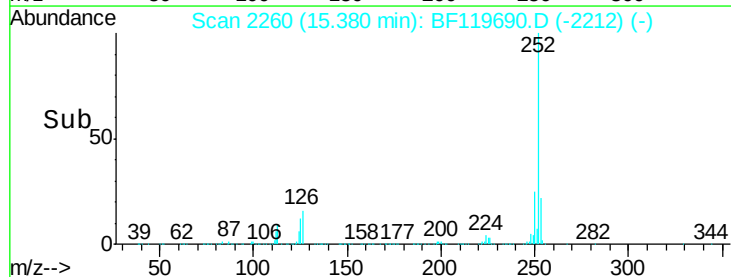
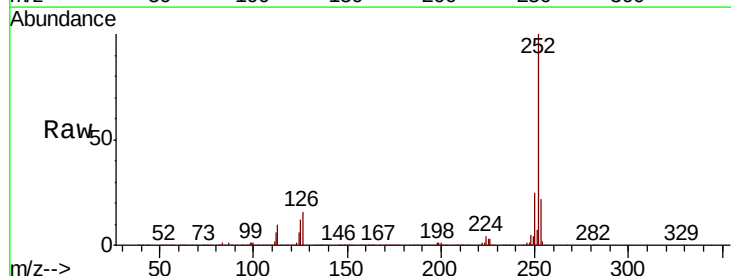
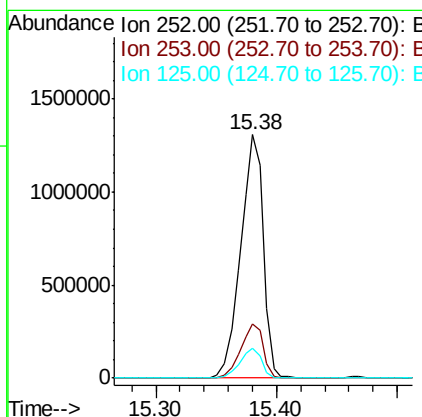
Manual Integrations
APPROVED

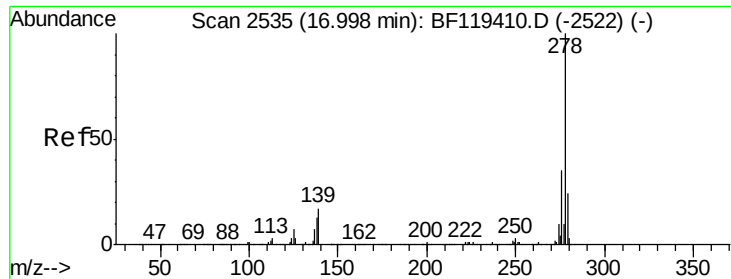
mohammad
4/3/2020 11:14:41 PM



#90
Benzo(a)pyrene
Concen: 39.659 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion:252 Resp: 1710562
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 12.0 9.4 14.2





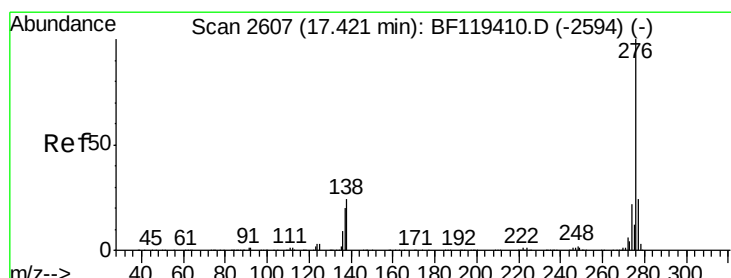
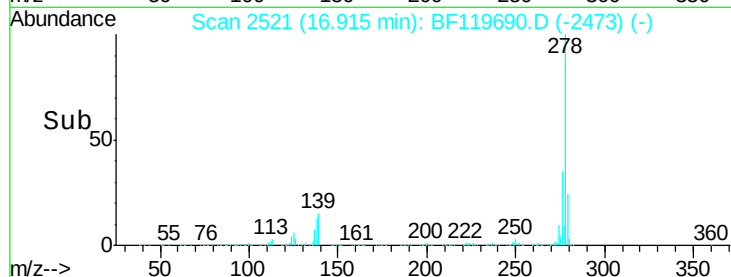
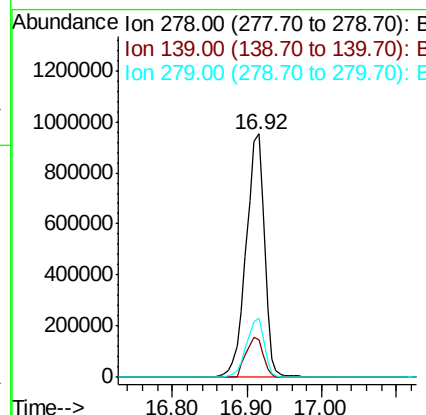
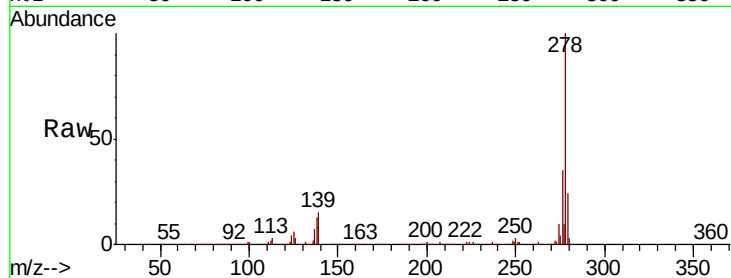
#91
Dibenzo(a,h)anthracene
Concen: 43.375 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Instrument :
BNA_F
ClientSampleId :
PB127927BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.6	19.0
279	24.1	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:41 PM



#92
Benzo(g,h,i)perylene
Concen: 42.400 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.02 min
Lab File: BF119690.D
Acq: 2 Apr 2020 2:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	21.5	15.4	23.0

