

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
 Data File : BF117319.D
 Acq On : 3 Oct 2019 16:40
 Operator : JU
 Sample : PB123594BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

Manual Integrations
 APPROVED

mohammad
 10/7/2019 8:25:44 AM

Quant Time: Oct 04 04:06:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	57545	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	249395	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	130196	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	207630	20.00	ng	0.00
76) Chrysene-d12	13.97	240	150994	20.00	ng	0.00
87) Perylene-d12	15.43	264	105980	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	416675	113.05	ng	0.00
7) Phenol-d6	6.46	99	549350	115.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	326463	68.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	118785	109.16	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	585448	70.31	ng	-0.01
79) Terphenyl-d14	12.91	244	564174	69.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	57399	37.216	ng	97
3) Pyridine	3.40	79	129730m	30.731	ng	
4) n-Nitrosodimethylamine	3.35	42	58501	40.381	ng	97
6) Aniline	6.47	93	186323	30.381	ng	# 29
8) 2-Chlorophenol	6.60	128	183577	46.168	ng	97
9) Benzaldehyde	6.36	77	87194	35.595	ng	94
10) Phenol	6.47	94	232179	44.214	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	170446	44.163	ng	98
12) 1,3-Dichlorobenzene	6.75	146	182033	40.797	ng	97
13) 1,4-Dichlorobenzene	6.82	146	191816	42.125	ng	99
14) 1,2-Dichlorobenzene	6.98	146	178144	42.020	ng	99
15) Benzyl Alcohol	6.96	79	164846	45.128	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	169214	44.377	ng	# 47
17) 2-Methylphenol	7.07	107	149782	44.946	ng	# 87
18) Hexachloroethane	7.32	117	72455	41.362	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	133964	46.185	ng	99
20) 3+4-Methylphenols	7.23	107	193684	46.660	ng	# 75
22) Acetophenone	7.22	105	269419	42.520	ng	97
24) Nitrobenzene	7.39	77	200905	42.861	ng	97
25) Isophorone	7.63	82	362112	43.087	ng	98
26) 2-Nitrophenol	7.71	139	97396	48.374	ng	96
27) 2,4-Dimethylphenol	7.75	122	159250	49.877	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	219171	42.328	ng	100
29) 2,4-Dichlorophenol	7.96	162	149559	44.704	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	149812	41.449	ng	98
31) Naphthalene	8.11	128	519686	43.328	ng	99
32) Benzoic acid	7.92	122	91276	39.253	ng	98
33) 4-Chloroaniline	8.16	127	146646	27.566	ng	99
34) Hexachlorobutadiene	8.23	225	83141	40.544	ng	99
35) Caprolactam	8.55	113	51149m	45.169	ng	
36) 4-Chloro-3-methylphenol	8.66	107	166972	42.803	ng	100
37) 2-Methylnaphthalene	8.80	142	359323	44.488	ng	96
38) 1-Methylnaphthalene	8.90	142	334285	44.190	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	137421	40.875	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
 Data File : BF117319.D
 Acq On : 3 Oct 2019 16:40
 Operator : JU
 Sample : PB123594BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

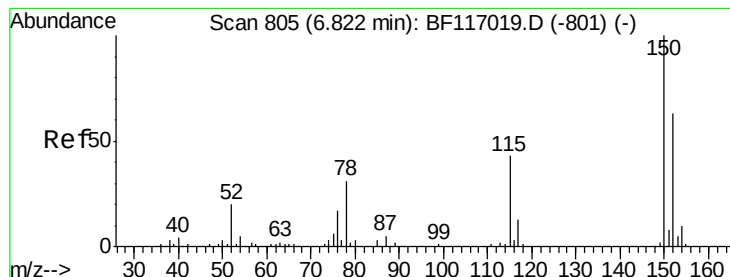
Manual Integrations
 APPROVED

mohammad
 10/7/2019 8:25:44 AM

Quant Time: Oct 04 04:06:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	82542	57.942	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	94017	41.207	nq	97
44) 2,4,5-Trichlorophenol	9.14	196	101055	41.456	nq	95
46) 1,1'-Biphenyl	9.26	154	422773	41.397	nq	99
47) 2-Chloronaphthalene	9.29	162	329879	40.928	nq	99
48) 2-Nitroaniline	9.39	65	104616	40.467	nq	95
49) Acenaphthylene	9.70	152	513607	42.538	nq	99
50) Dimethylphthalate	9.56	163	371272	40.275	nq	99
51) 2,6-Dinitrotoluene	9.63	165	83459	44.452	nq	91
52) Acenaphthene	9.88	154	296068	41.365	nq	99
53) 3-Nitroaniline	9.80	138	67854	28.644	nq	98
54) 2,4-Dinitrophenol	9.93	184	67871	83.293	nq	91
55) Dibenzofuran	10.05	168	444967	42.136	nq	99
56) 4-Nitrophenol	9.99	139	101515	66.121	nq	95
57) 2,4-Dinitrotoluene	10.05	165	112143	46.014	nq	# 89
58) Fluorene	10.39	166	370286	43.529	nq	96
59) 2,3,4,6-Tetrachlorophenol	10.17	232	78963	42.330	nq	94
60) Diethylphthalate	10.26	149	371622	40.975	nq	97
61) 4-Chlorophenyl-phenylether	10.38	204	158594	43.090	nq	98
62) 4-Nitroaniline	10.43	138	95650	38.827	nq	96
63) Azobenzene	10.54	77	390676	42.176	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	50387	52.504	nq	95
66) n-Nitrosodiphenylamine	10.50	169	321255	44.801	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	89461	42.191	nq	98
68) Hexachlorobenzene	10.95	284	94226	40.628	nq	93
69) Atrazine	11.03	200	80989	45.539	nq	96
70) Pentachlorophenol	11.15	266	88808	81.691	nq	94
71) Phenanthrene	11.36	178	499917	42.390	nq	100
72) Anthracene	11.41	178	528884	43.927	nq	99
73) Carbazole	11.56	167	488331	42.729	nq	99
74) Di-n-butylphthalate	11.88	149	599197	44.067	nq	98
75) Fluoranthene	12.54	202	518789	42.813	nq	99
77) Benzidine	12.66	184	119128	24.492	nq	99
78) Pyrene	12.77	202	528735	41.733	nq	98
80) Butylbenzylphthalate	13.38	149	246625	41.196	nq	97
81) Benzo(a)anthracene	13.96	228	415453	41.182	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	119689	36.818	nq	99
83) Chrysene	14.00	228	407719	41.438	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	336850	43.640	nq	99
85) Di-n-octyl phthalate	14.54	149	526003	43.296	nq	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	268168	37.358	nq	99
88) Benzo(b)fluoranthene	15.01	252	328421	51.159	nq	99
89) Benzo(k)fluoranthene	15.04	252	314812	51.769	nq	98
90) Benzo(a)pyrene	15.37	252	290819	51.625	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	227389	50.670	nq	99
92) Benzo(g,h,i)perylene	17.32	276	219603	49.107	nq	99

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



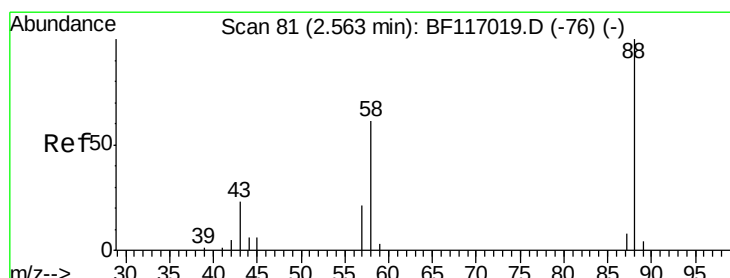
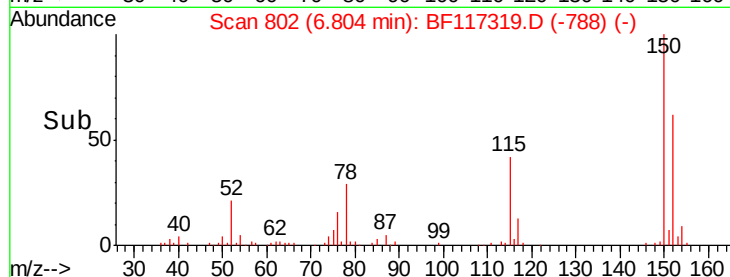
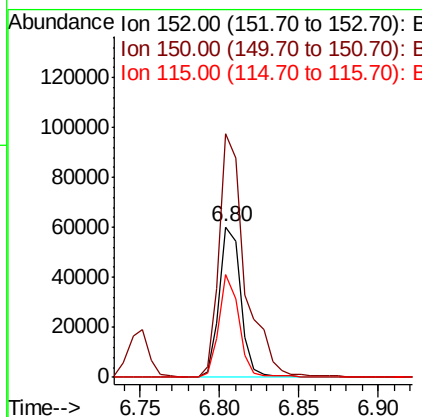
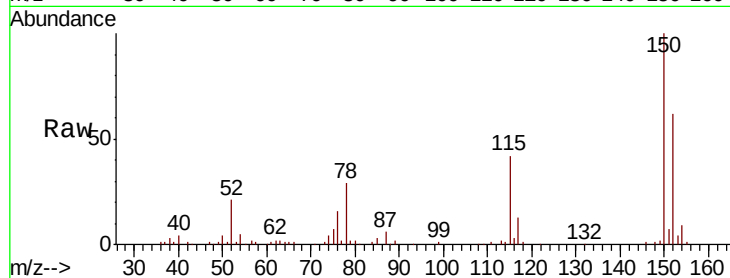
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	127.5	191.3
115	67.8	55.0	82.4

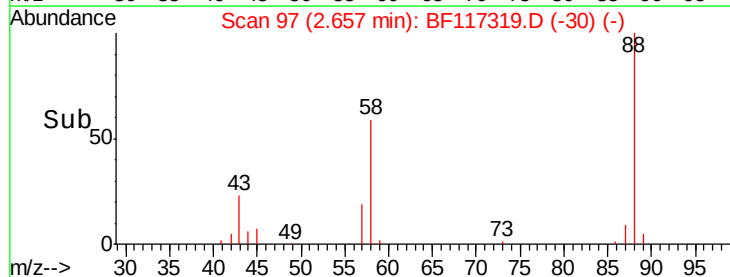
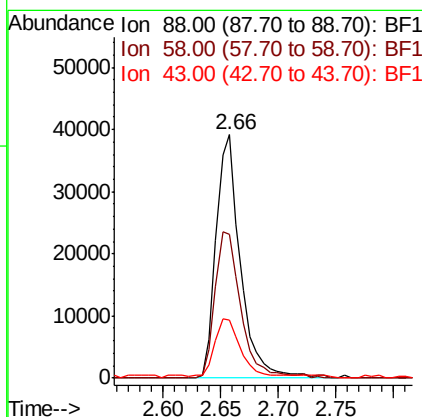
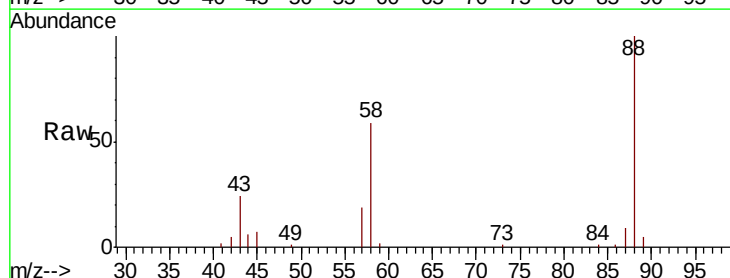
Manual Integrations
 APPROVED

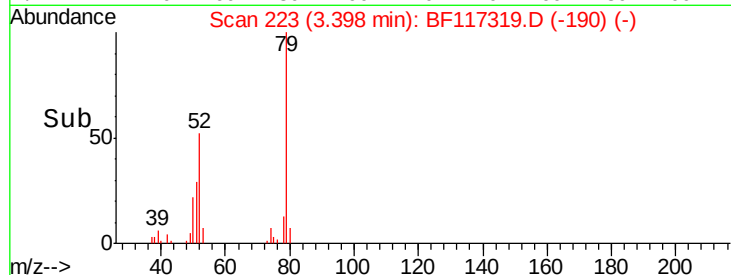
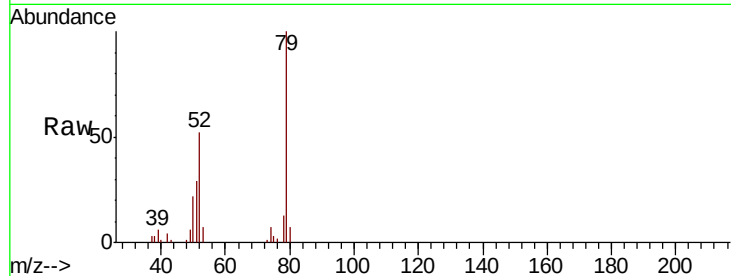
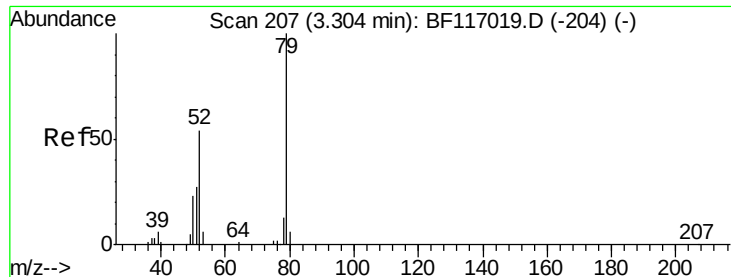
mohammad
 10/7/2019 8:25:44 AM



#2
 1,4-Dioxane
 Concen: 37.216 ng
 RT: 2.66 min Scan# 97
 Delta R.T. 0.09 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.2	49.3	73.9
43	23.6	18.8	28.2





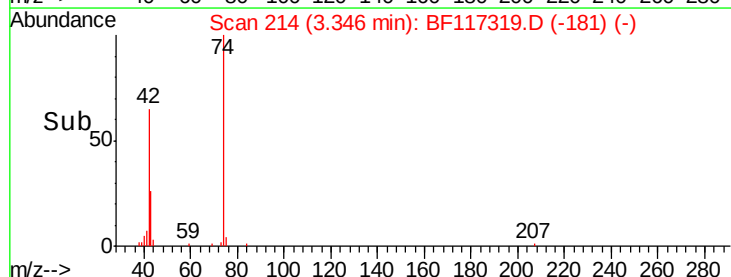
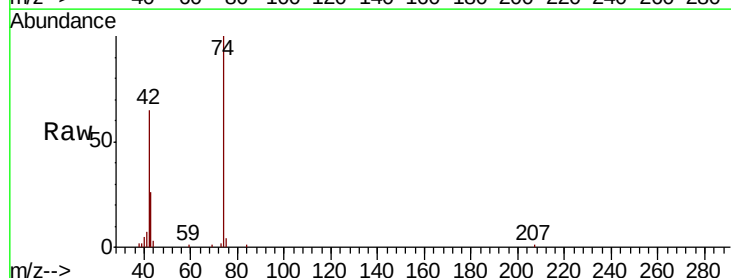
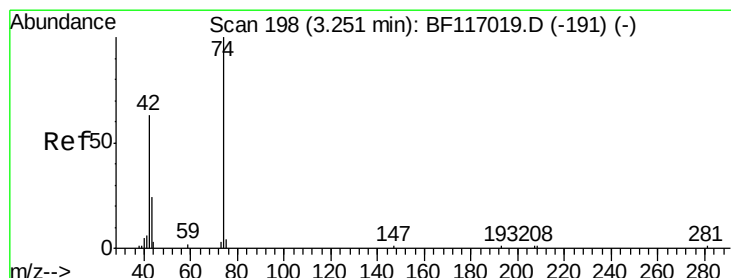
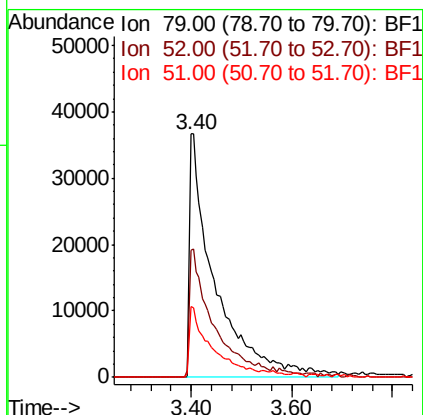
#3
 Pvridine
 Concen: 30.731 ng/ml
 RT: 3.40 min Scan# 223
 Delta R.T. 0.09 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tot Ion	79	Resp	129730
Ion Ratio	Lower	Upper	
79	100		
52	52.4	43.5	65.3
51	29.1	21.8	32.6

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

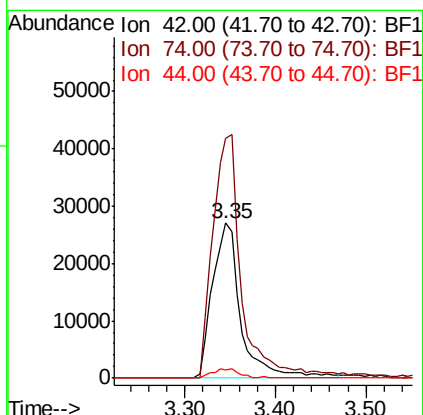
Manual Integrations
 APPROVED

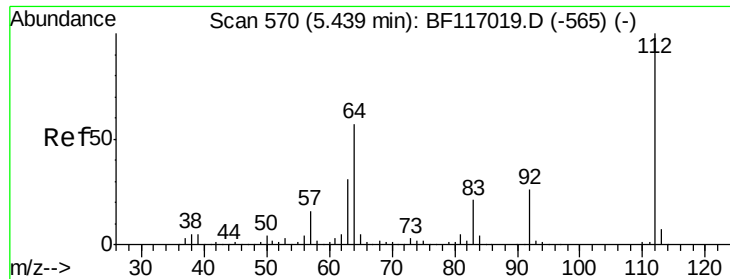
mohammad
 10/7/2019 8:25:44 AM



#4
 n-Nitrosodimethylamine
 Concen: 40.381 ng/ml
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tgt Ion	42	Resp	58501
Ion Ratio	Lower	Upper	
42	100		
74	154.8	127.1	190.7
44	5.4	4.3	6.5





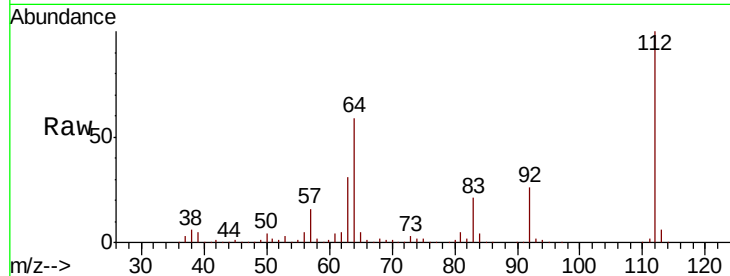
#5
2-Fluorophenol
Concen: 113.048 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

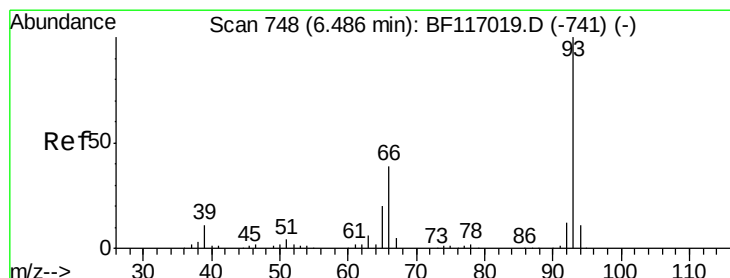
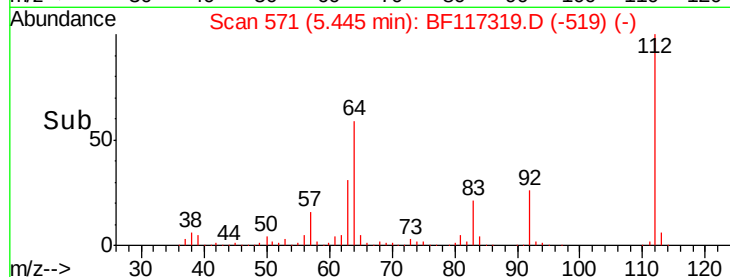
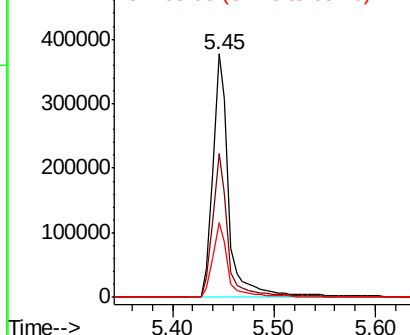
Tot Ion	Ratio	Resp	Lower	Upper
112	100	416675		
64	59.0	45.7	68.5	
63	30.6	24.9	37.3	

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

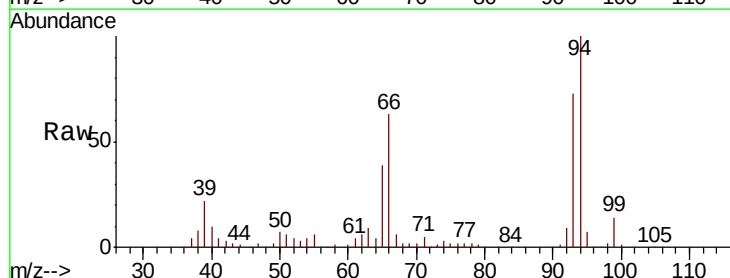


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

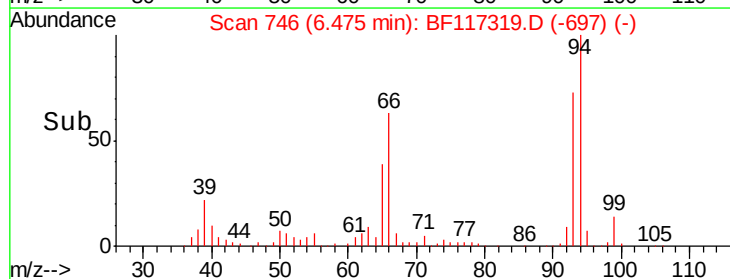
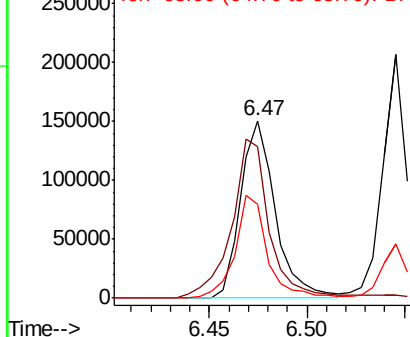


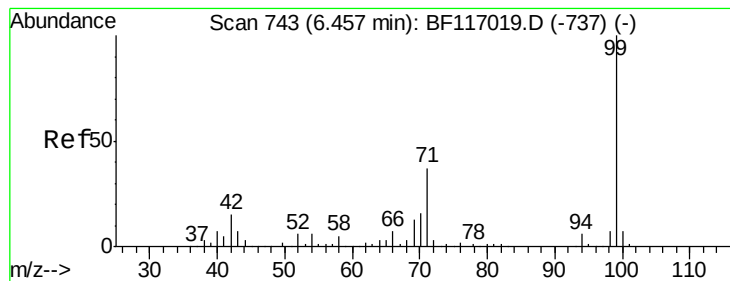
#6
Aniline
Concen: 30.381 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	186323		
66	85.6	32.6	49.0#	
65	53.1	16.7	25.1#	



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: 115.327 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Instrument :

BNA_F

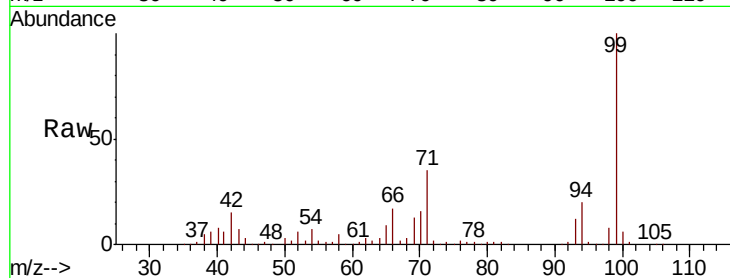
ClientSampled :

PB123594BS

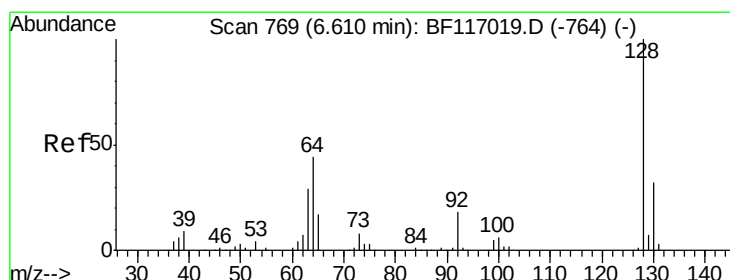
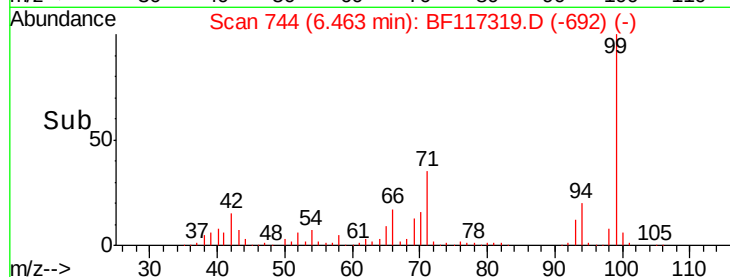
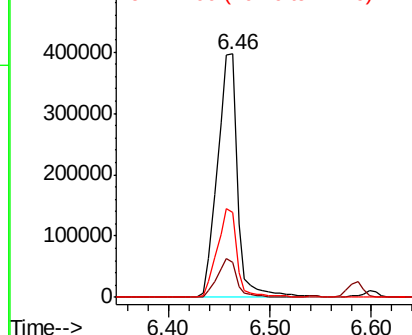
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		549350		
42	14.5	12.2	18.2		
71	35.1	29.8	44.8		

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.168 ng

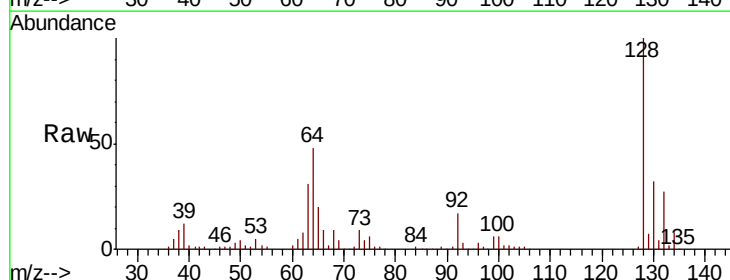
RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

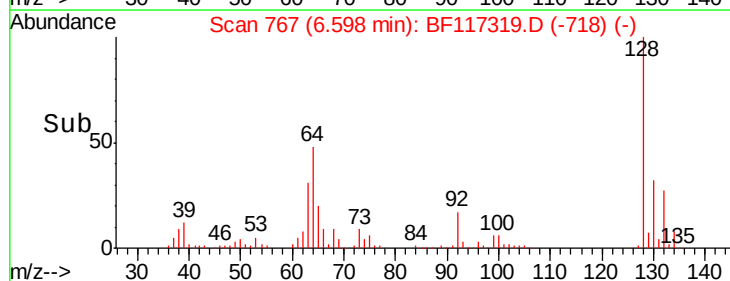
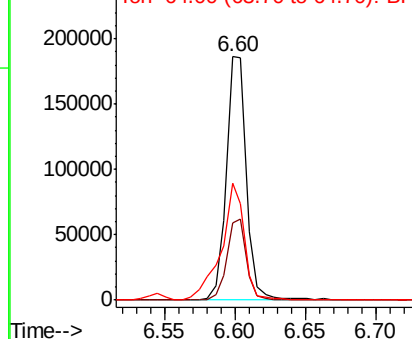
Lab File: BF117319.D

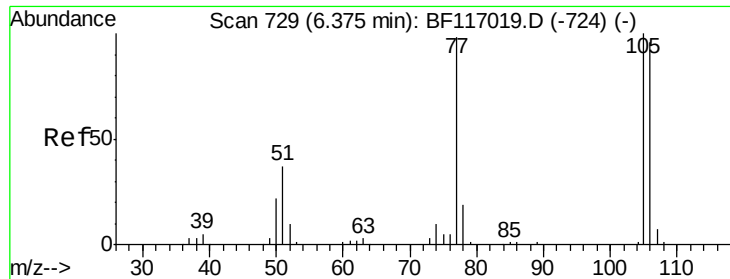
Acq: 3 Oct 2019 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		183577		
130	31.9	11.8	51.8		
64	48.1	25.0	65.0		



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





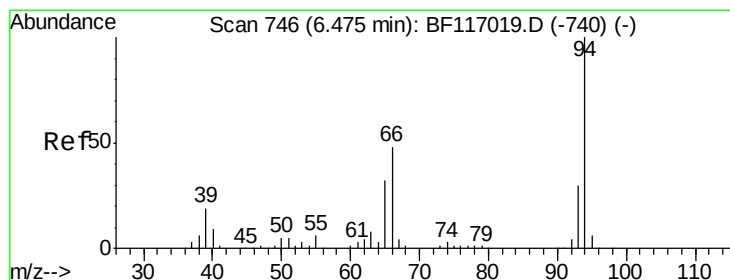
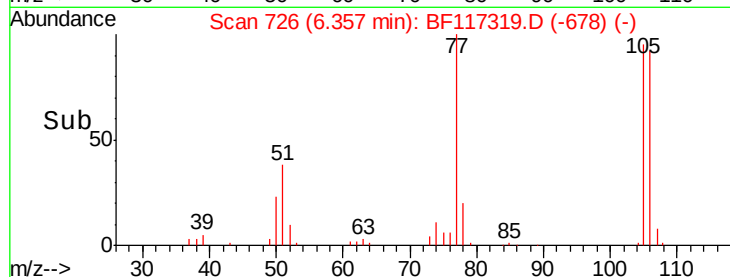
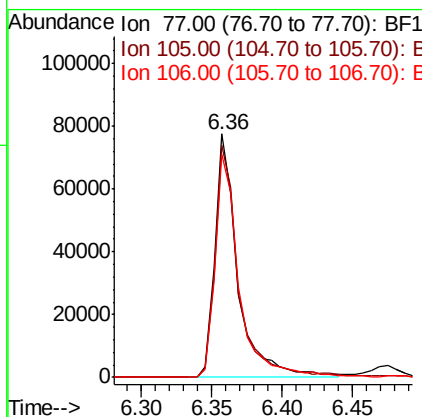
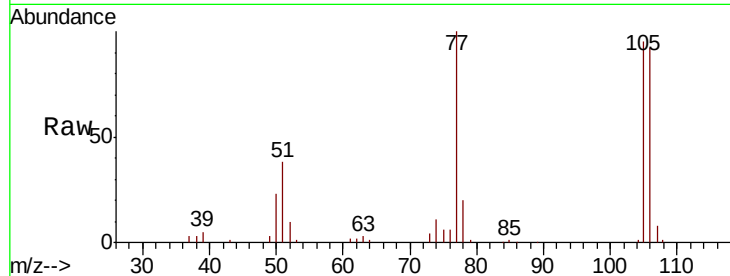
#9
Benzaldehyde
Concen: 35.595 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampled :
PB123594BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	81.8	121.8
106	91.5	77.3	117.3

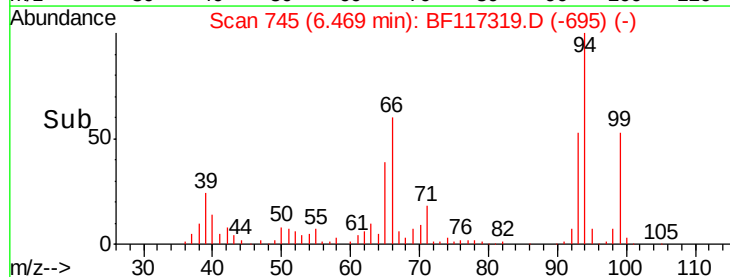
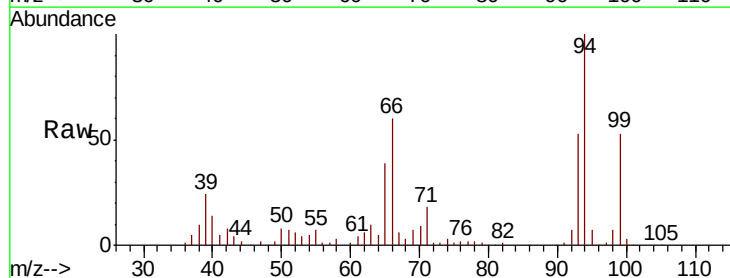
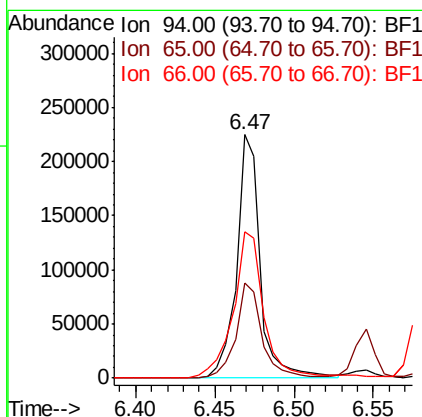
Manual Integrations
APPROVED

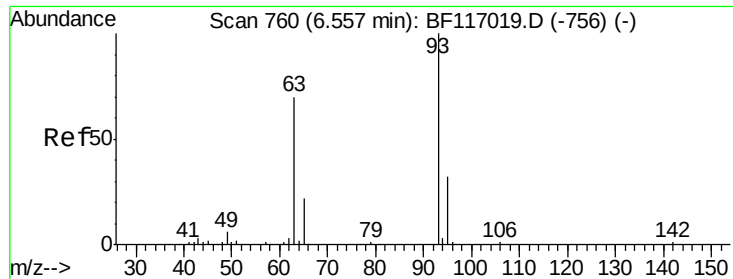
mohammad
10/7/2019 8:25:44 AM



#10
Phenol
Concen: 44.214 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.0	12.5	52.5
66	60.3	28.9	68.9





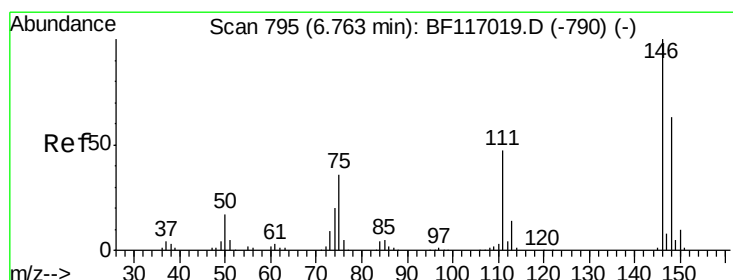
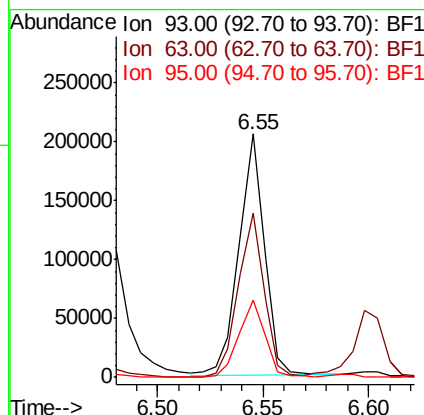
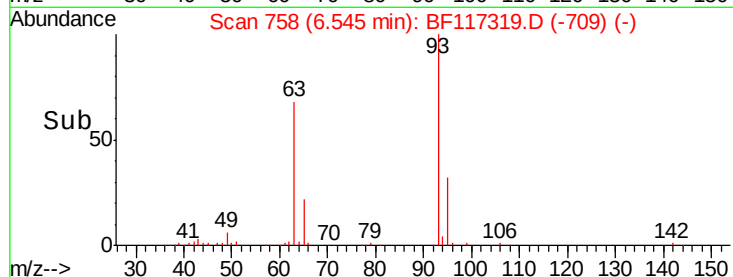
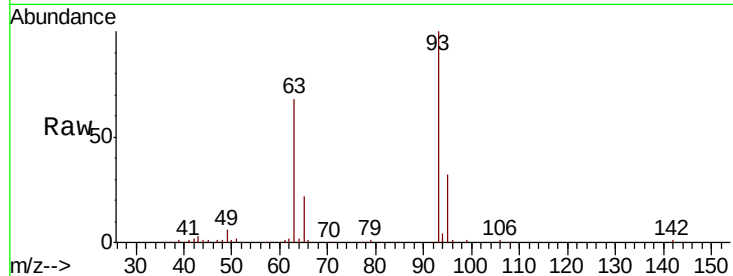
#11
bis(2-Chloroethyl)ether
Concen: 44.163 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampled :
PB123594BS

Tot Ion:	93	Resp:	170446
Ion	Ratio	Lower	Upper
93	100		
63	67.5	49.3	89.3
95	31.9	11.5	51.5

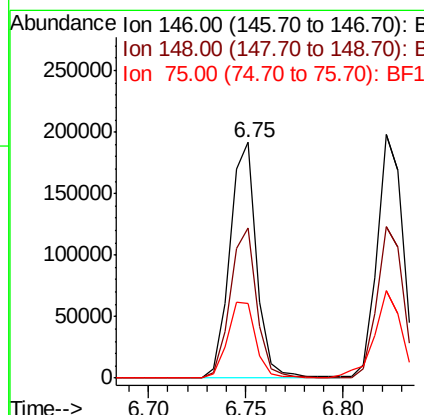
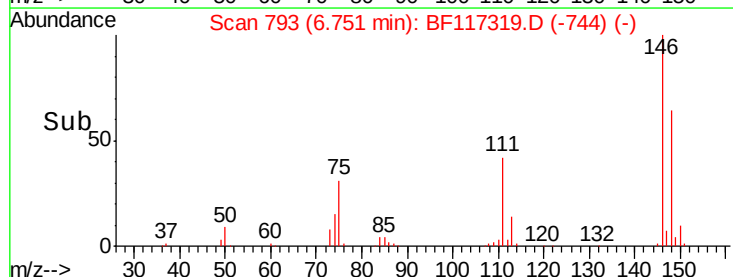
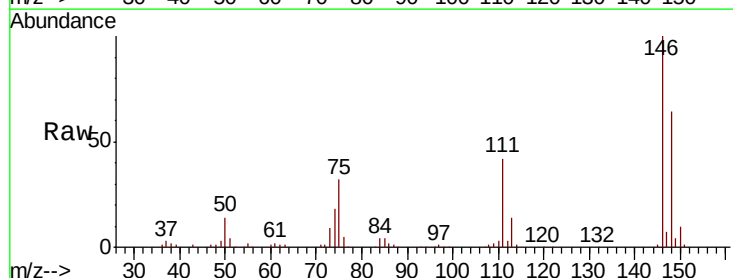
Manual Integrations
APPROVED

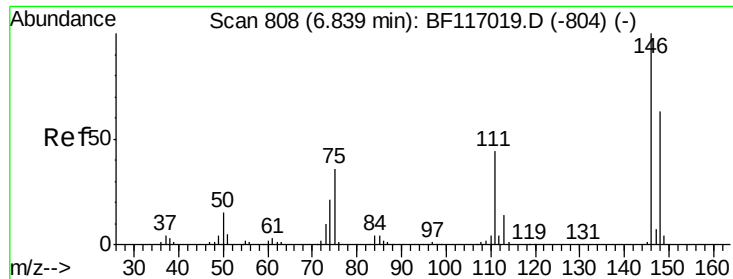
mohammad
10/7/2019 8:25:44 AM



#12
1,3-Dichlorobenzene
Concen: 40.797 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion:	146	Resp:	182033
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
75	32.0	28.7	43.1





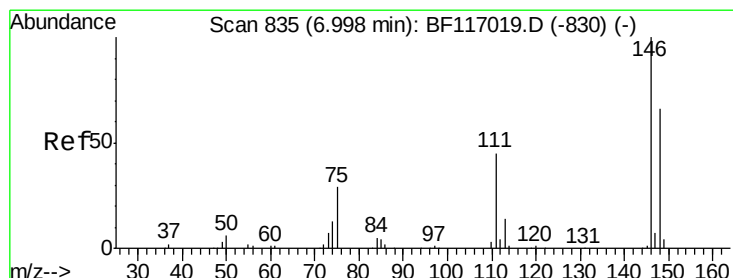
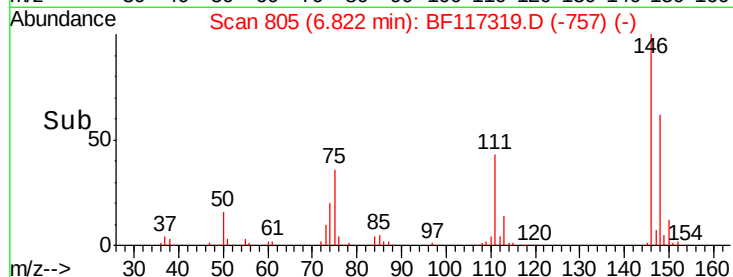
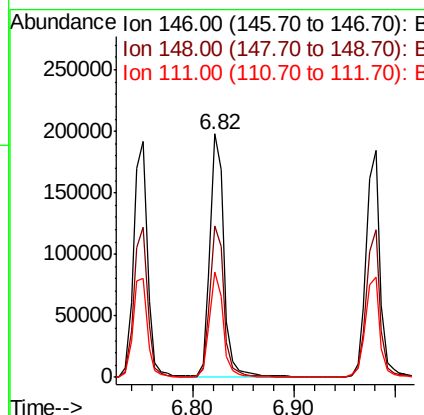
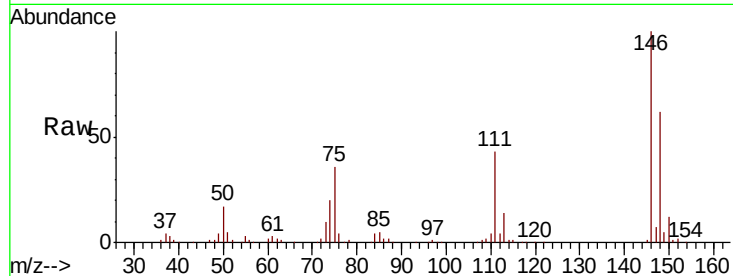
#13
1,4-Dichlorobenzene
Concen: 42.125 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampled :
PB123594BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	76.0
111	43.3	35.0	52.6

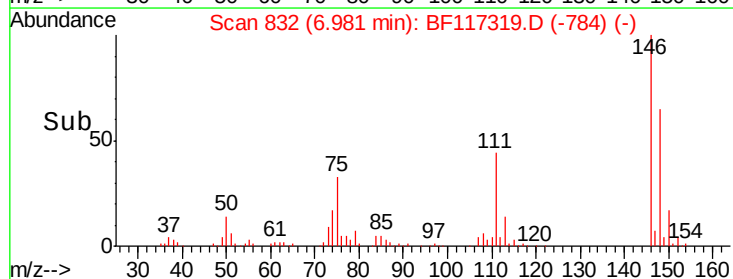
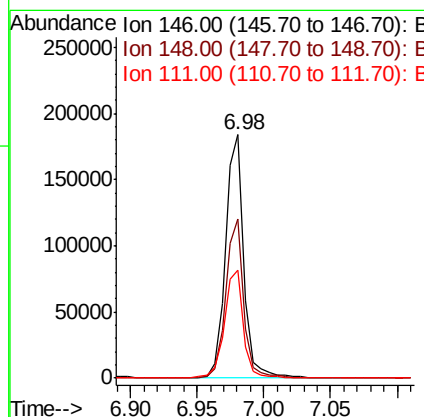
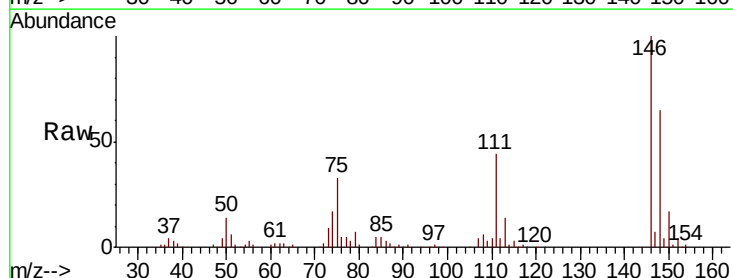
Manual Integrations
APPROVED

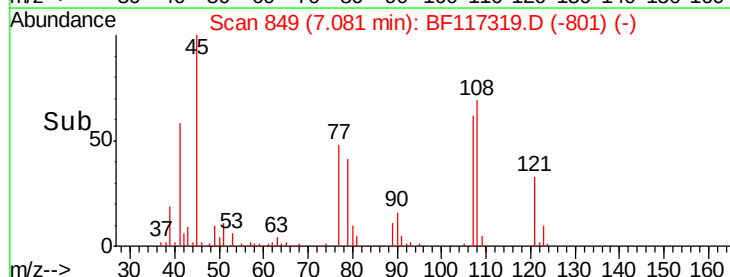
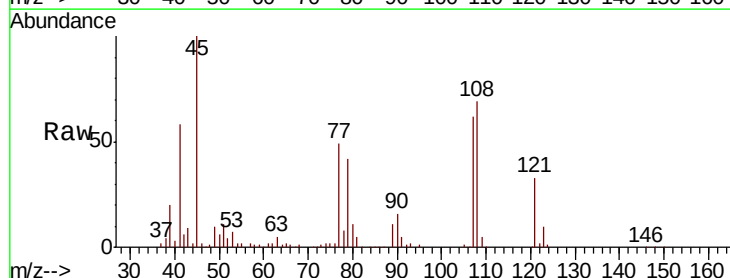
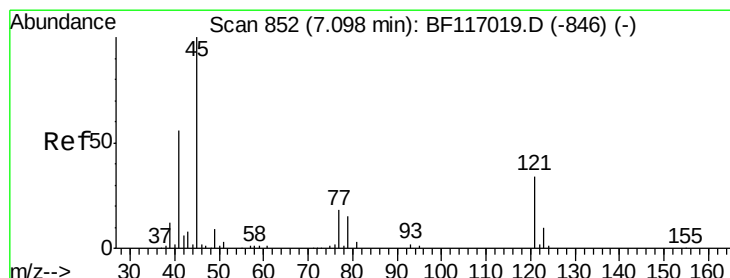
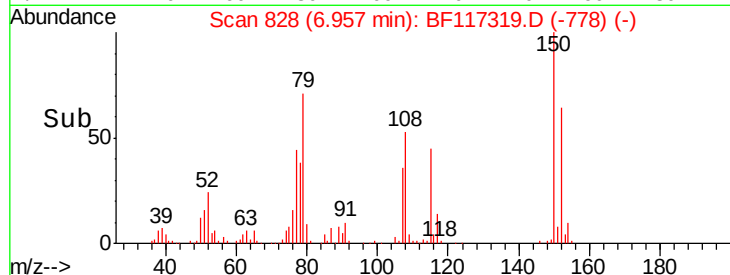
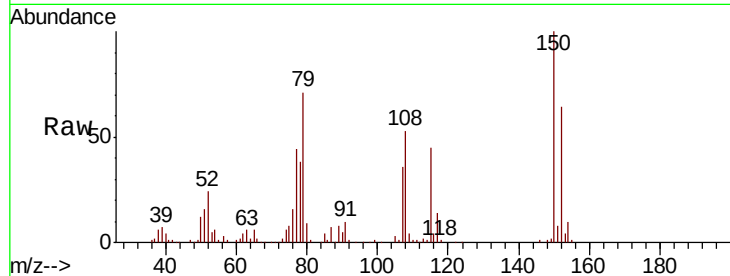
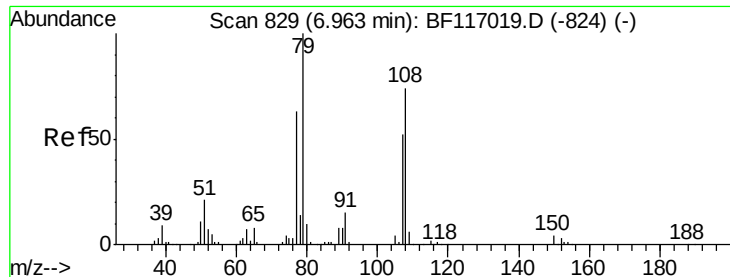
mohammad
10/7/2019 8:25:44 AM



#14
1,2-Dichlorobenzene
Concen: 42.020 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.6	78.8
111	44.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 45.128 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Tot Ion:	79	Resp:	164846
Ion Ratio	Lower	Upper	
79	100		
108	74.2	59.4	89.0
77	62.3	50.2	75.2

Instrument :

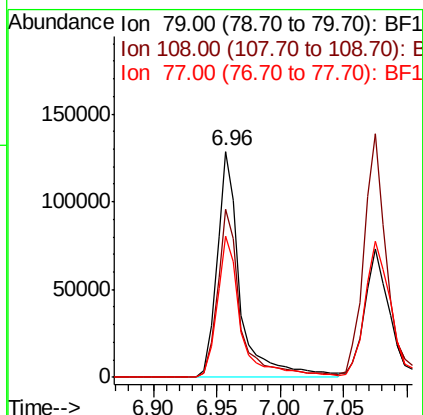
BNA_F

ClientSampled :

PB123594BS

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.377 ng

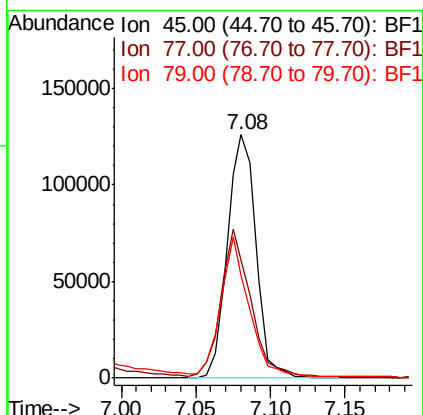
RT: 7.08 min Scan# 849

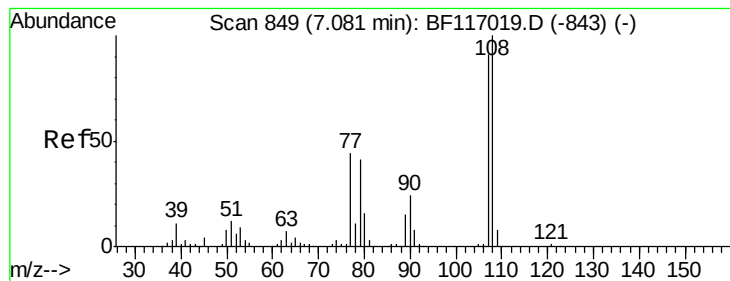
Delta R.T. -0.02 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Tgt Ion:	45	Resp:	169214
Ion Ratio	Lower	Upper	
45	100		
77	48.8	2.7	42.7#
79	42.3	0.0	38.9#





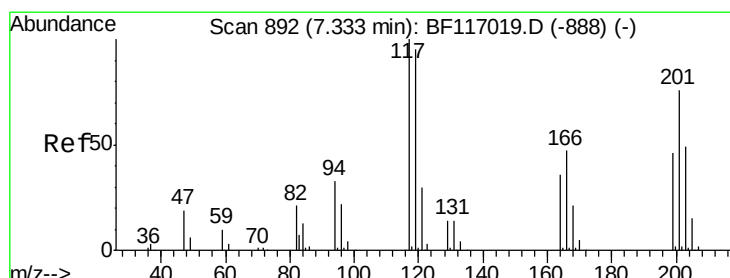
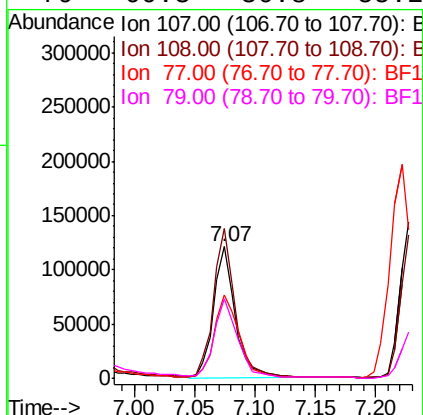
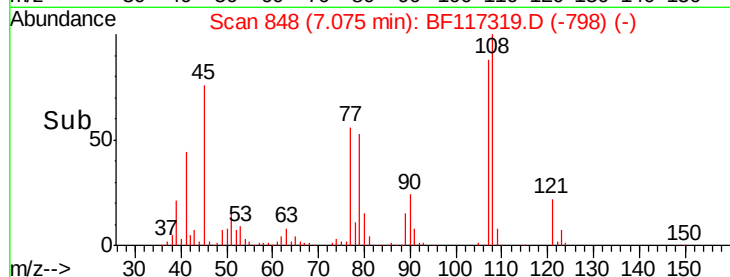
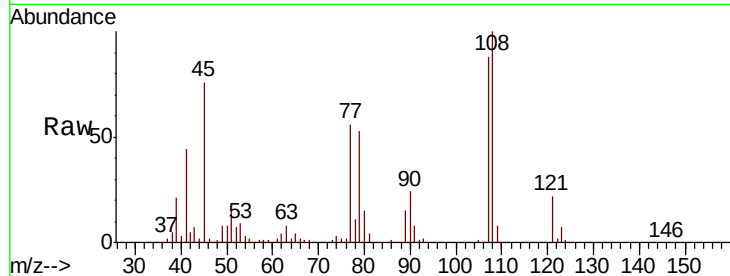
#17
2-Methylphenol
Concen: 44.946 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	87.7	131.5	
77	63.7	38.6	58.0#	
79	60.3	36.8	55.2#	

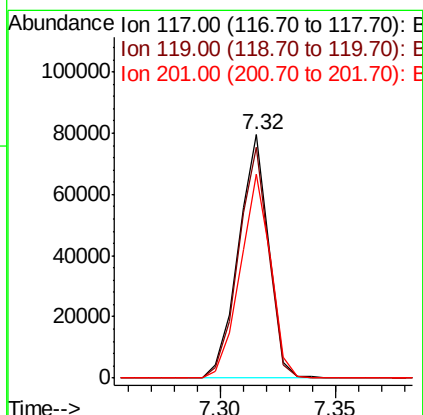
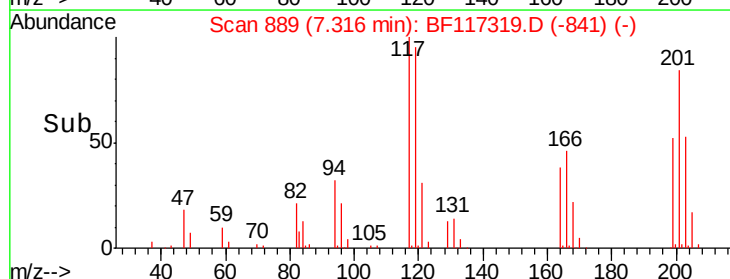
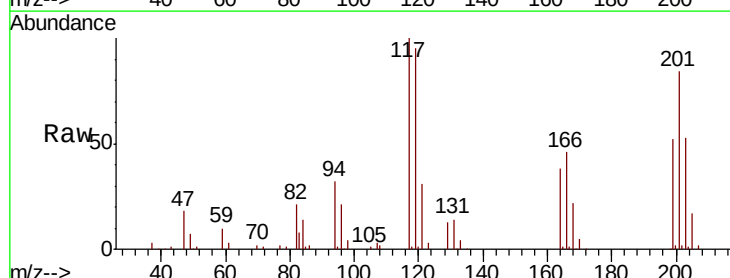
Manual Integrations
APPROVED

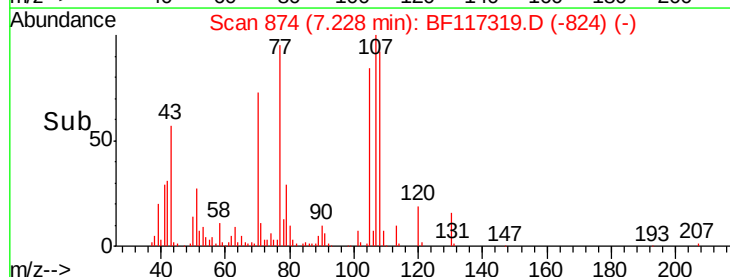
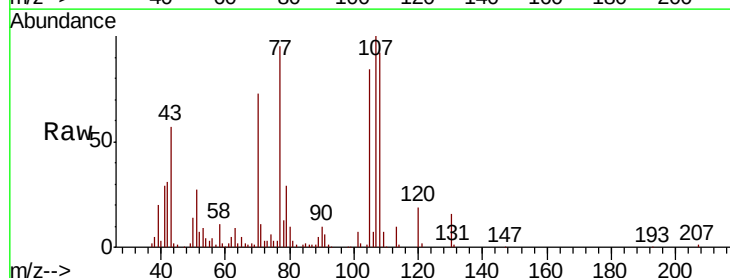
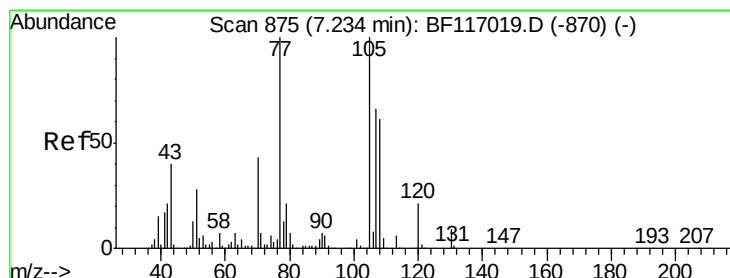
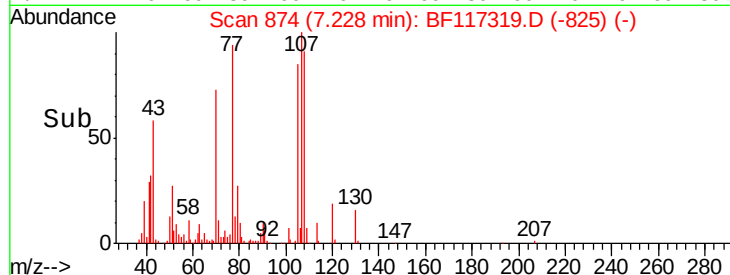
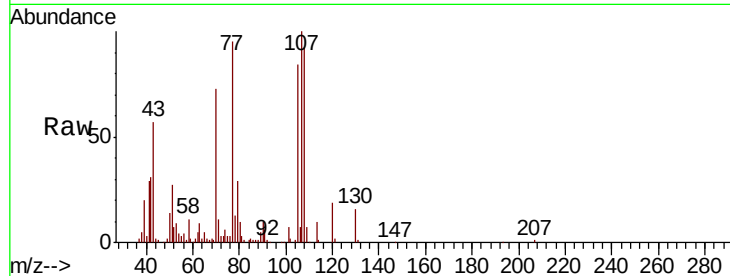
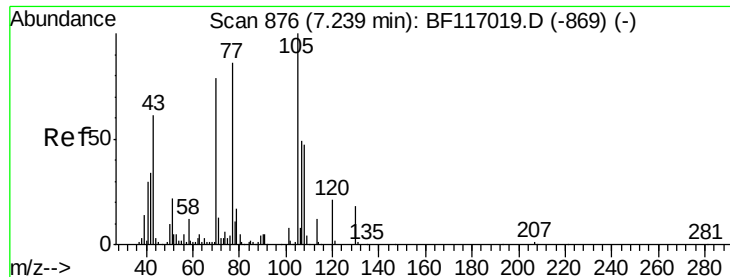
mohammad
10/7/2019 8:25:44 AM



#18
Hexachloroethane
Concen: 41.362 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	75.8	113.8	
201	83.5	60.9	91.3	





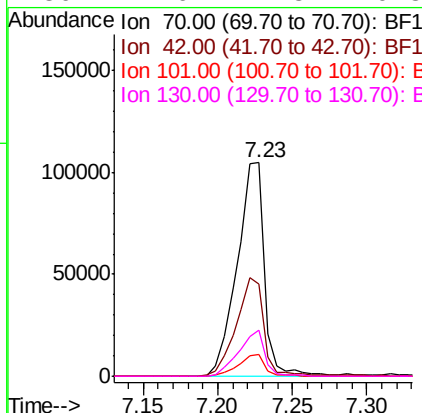
#19
n-Nitroso-di-n-propylamine
Concen: 46.185 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.1	34.0	51.0
101	10.0	7.8	11.6
130	21.6	17.8	26.8

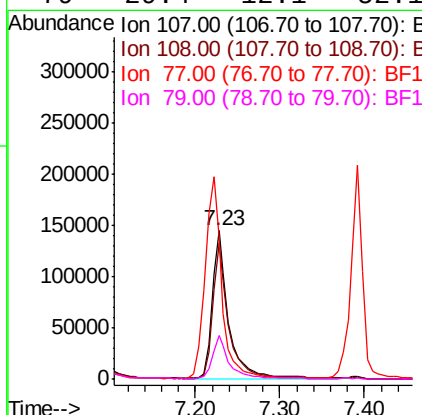
Manual Integrations
APPROVED

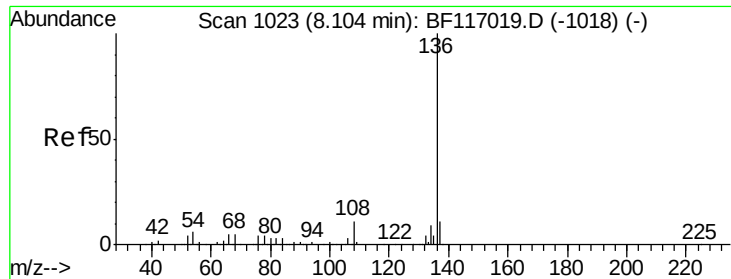
mohammad
10/7/2019 8:25:44 AM



#20
3+4-Methylphenols
Concen: 46.660 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	72.6	112.6
77	95.1	132.1	172.1#
79	29.4	12.1	52.1





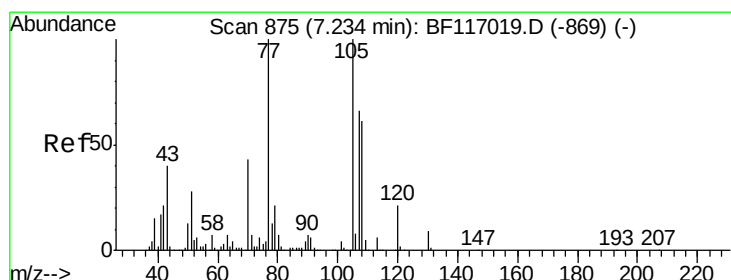
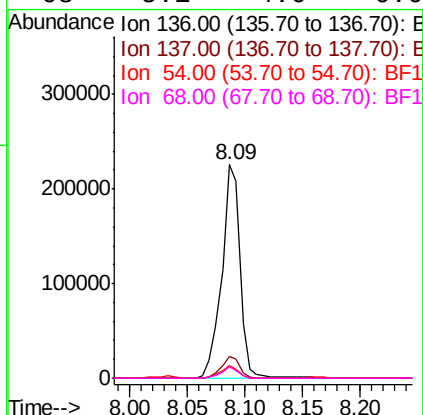
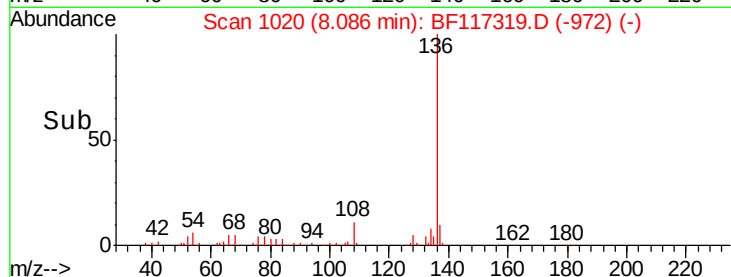
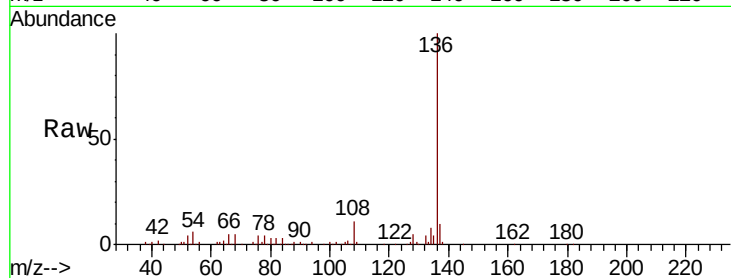
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		249395		
137	10.5		9.0	13.4	
54	5.8		4.5	6.7	
68	5.1		4.0	6.0	

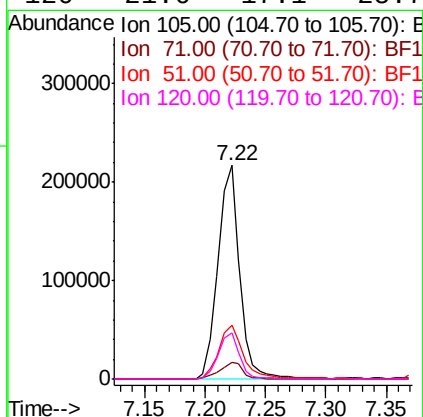
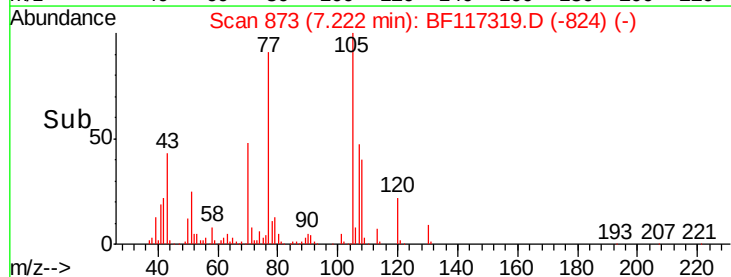
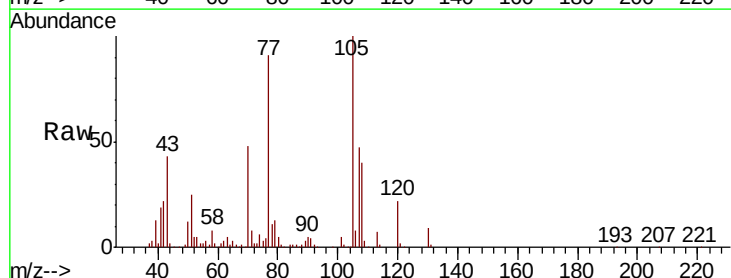
Manual Integrations
APPROVED

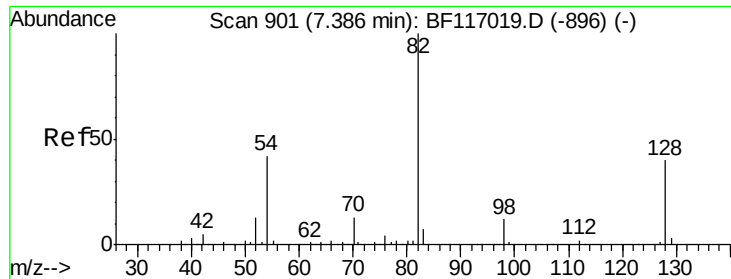
mohammad
10/7/2019 8:25:44 AM



#22
Acetophenone
Concen: 42.520 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		269419		
71	8.1		5.7	8.5	
51	25.4		22.1	33.1	
120	21.6		17.1	25.7	





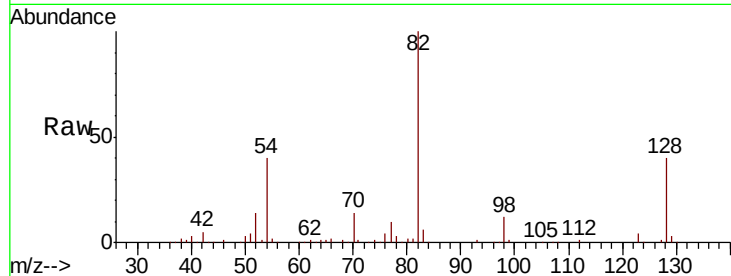
#23
Nitrobenzene-d5
Concen: 68.779 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

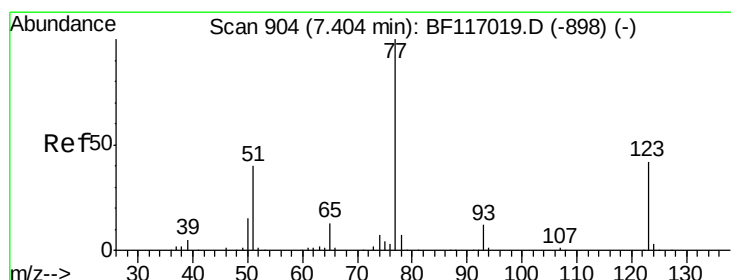
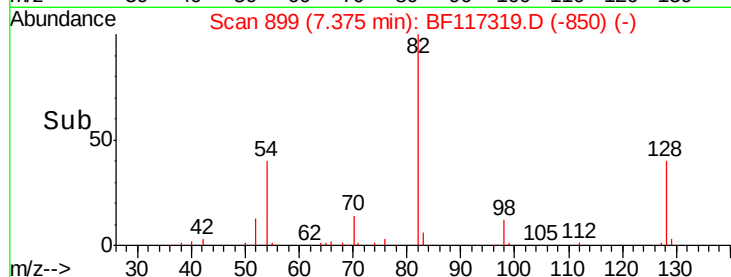
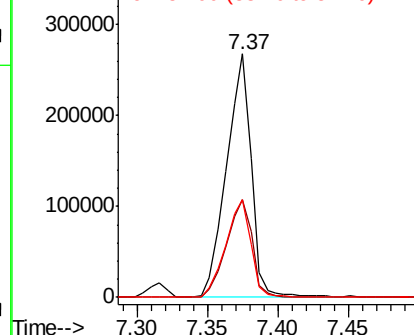
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.3	32.3	48.5	
54	40.3	33.3	49.9	

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

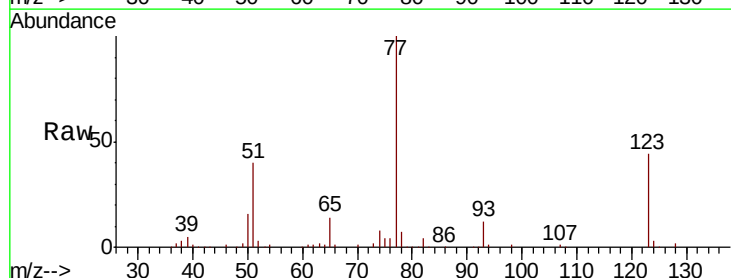


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

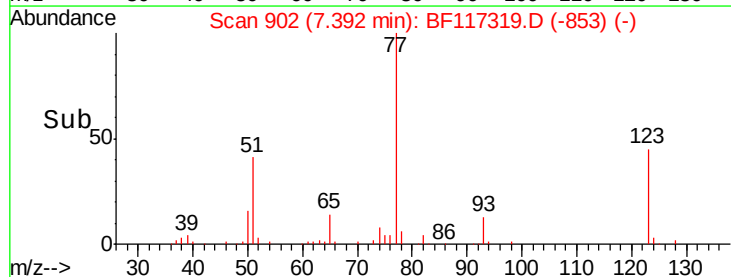
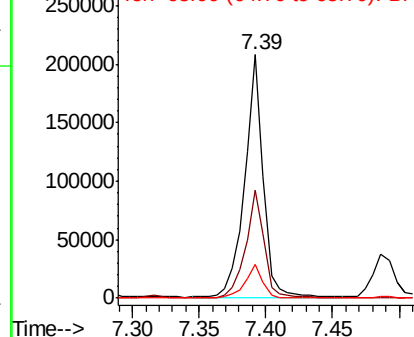


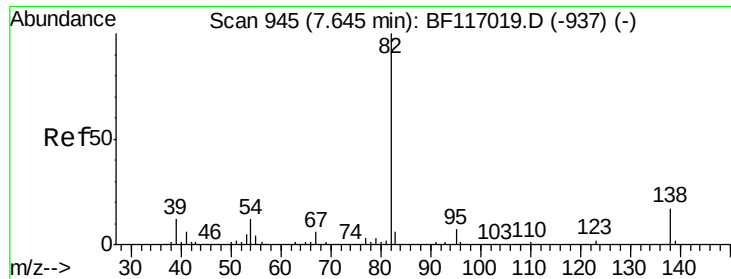
#24
Nitrobenzene
Concen: 42.861 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.5	33.5	50.3	
65	13.6	10.5	15.7	



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





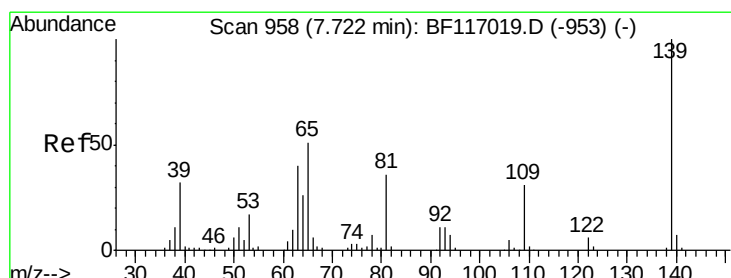
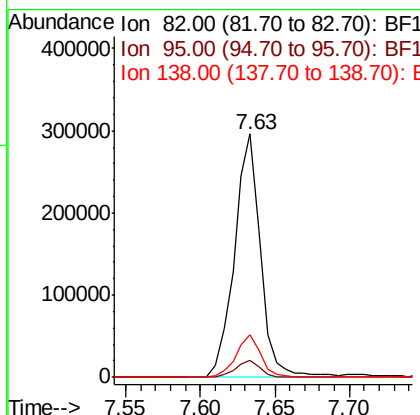
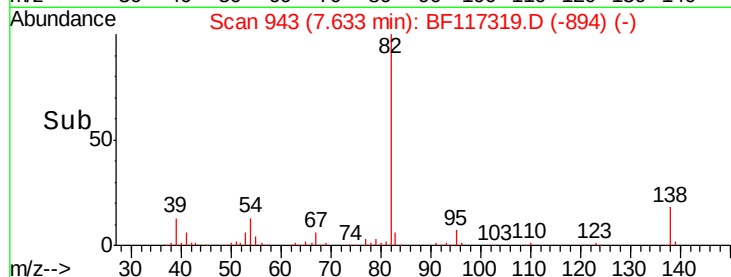
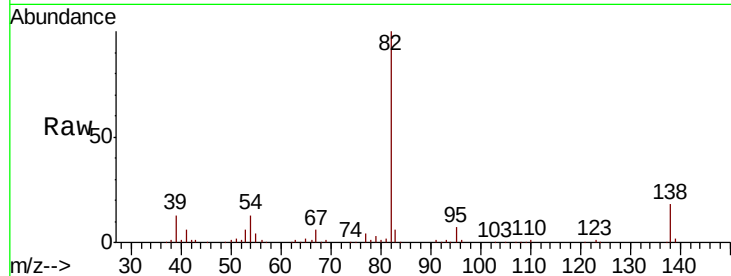
#25
Isophorone
Concen: 43.087 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	362112		
95	6.9	5.8	8.6	
138	17.7	13.5	20.3	

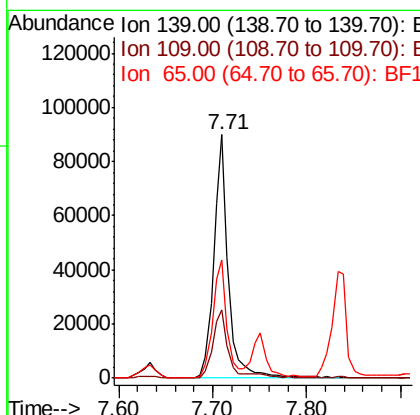
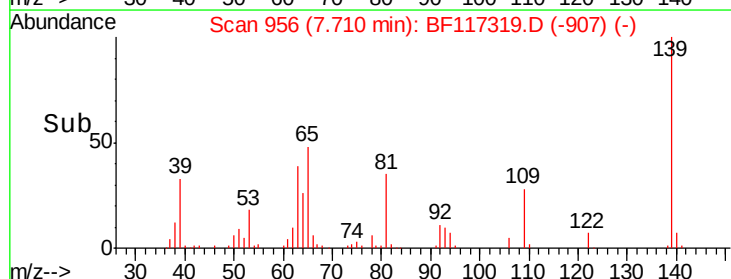
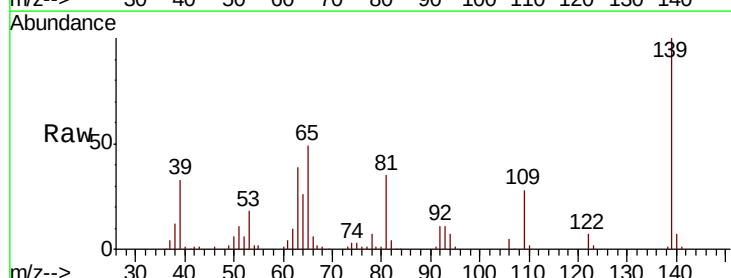
Manual Integrations
APPROVED

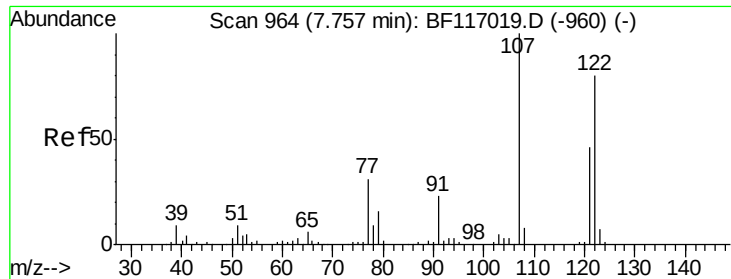
mohammad
10/7/2019 8:25:44 AM



#26
2-Nitrophenol
Concen: 48.374 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	97396		
109	28.2	24.6	36.8	
65	48.6	40.9	61.3	





#27

2,4-Dimethylphenol

Concen: 49.877 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Instrument :

BNA_F

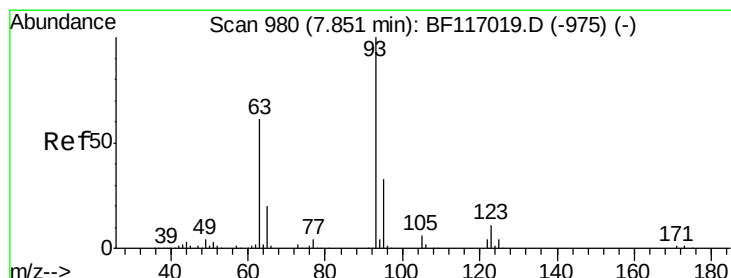
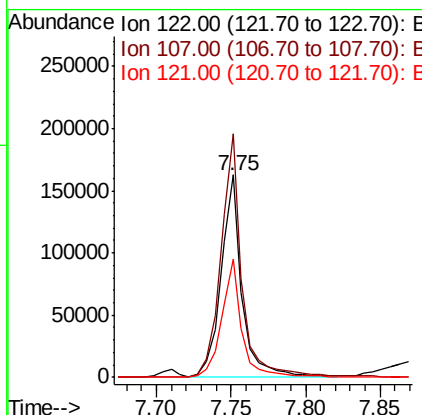
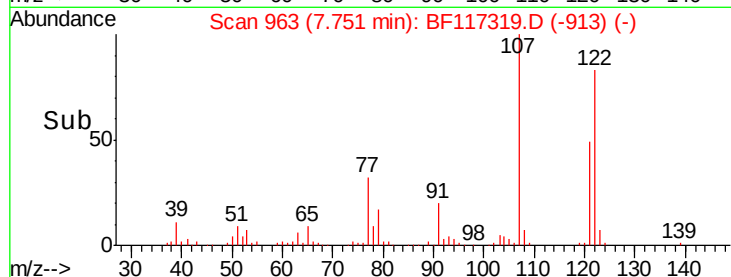
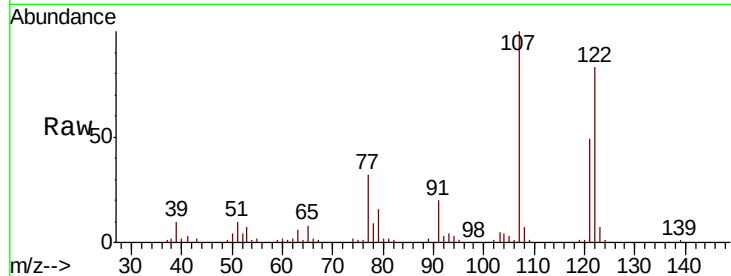
ClientSampled :

PB123594BS

Tot Ion:	122	Resp:	159250
Ion Ratio	Lower	Upper	
122	100		
107	120.2	98.9	148.3
121	58.4	45.3	67.9

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM



#28

bis(2-Chloroethoxy)methane

Concen: 42.328 ng

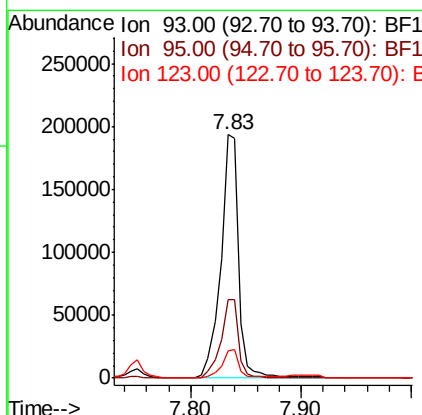
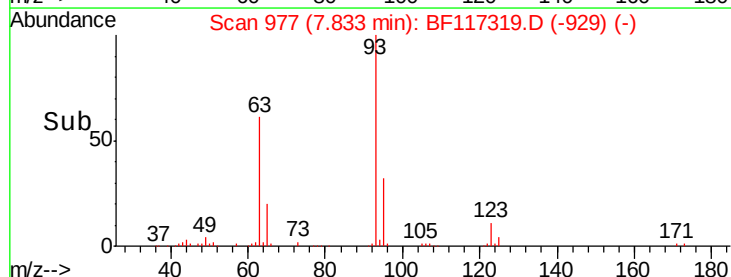
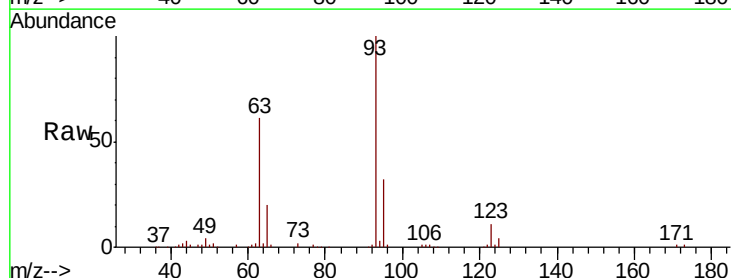
RT: 7.83 min Scan# 977

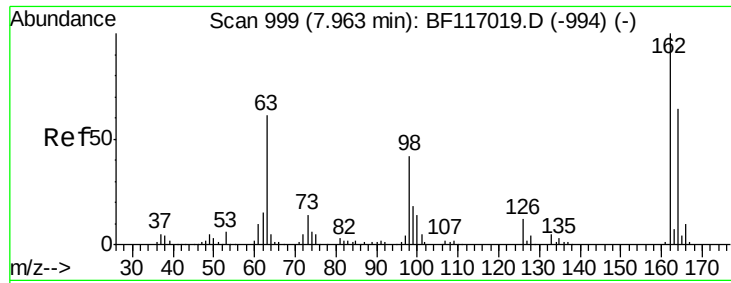
Delta R.T. -0.02 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Tgt Ion:	93	Resp:	219171
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.2	39.4
123	11.3	9.0	13.6





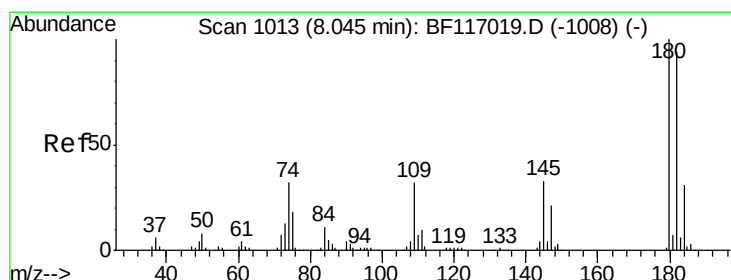
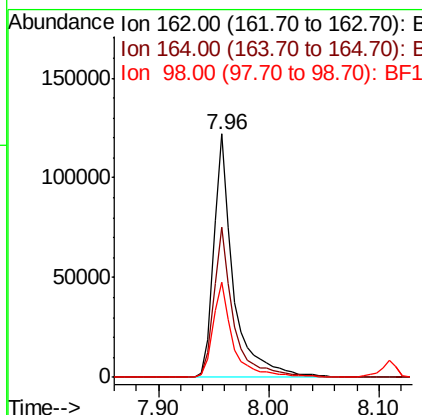
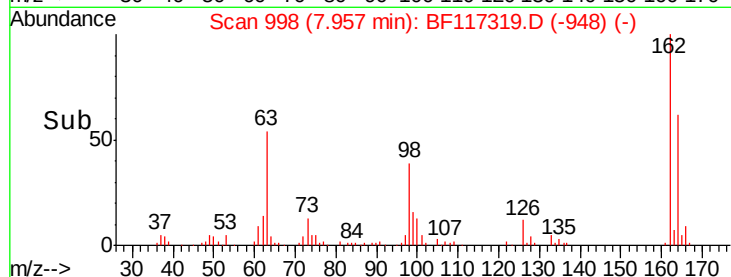
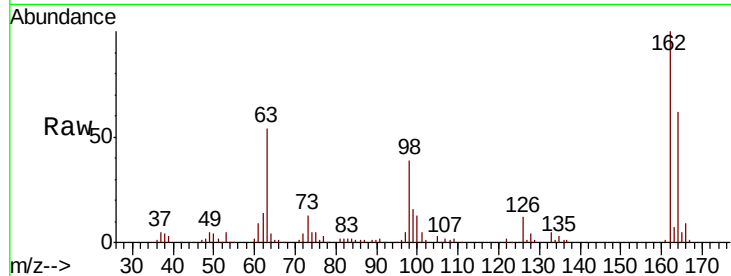
#29
2,4-Dichlorophenol
Concen: 44.704 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	149559		
164	61.9	43.8	83.8	
98	39.1	22.1	62.1	

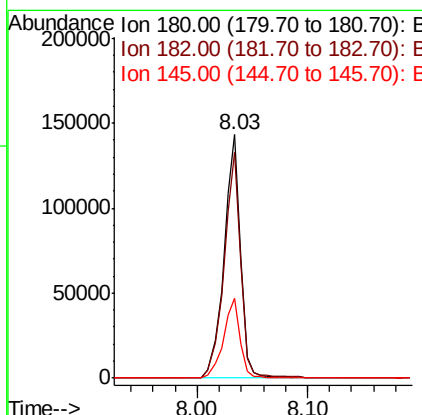
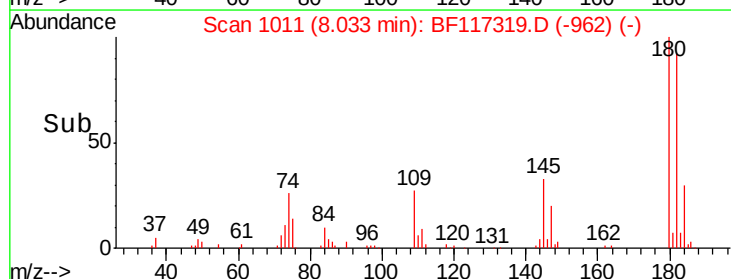
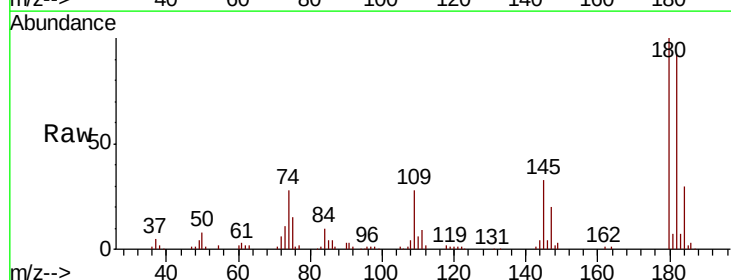
Manual Integrations
APPROVED

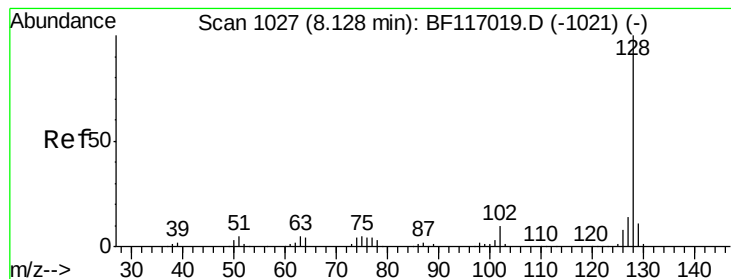
mohammad
10/7/2019 8:25:44 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.449 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	149812		
182	92.4	75.4	113.0	
145	33.0	26.7	40.1	





#31

Naphthalene

Concen: 43.328 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Instrument :

BNA_F

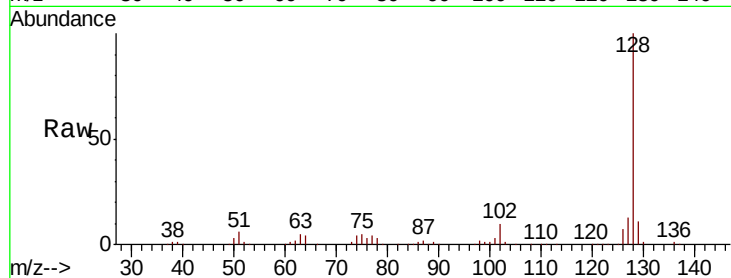
ClientSampleId :

PB123594BS

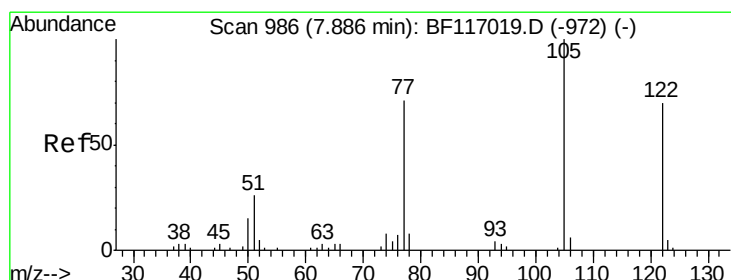
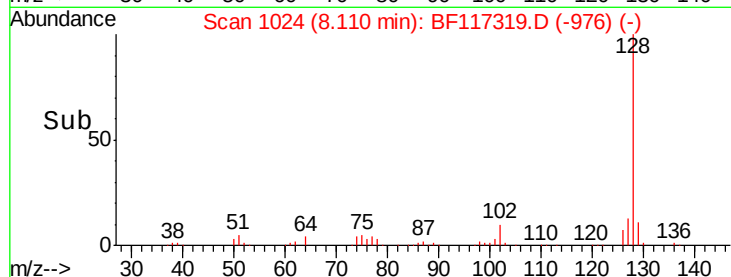
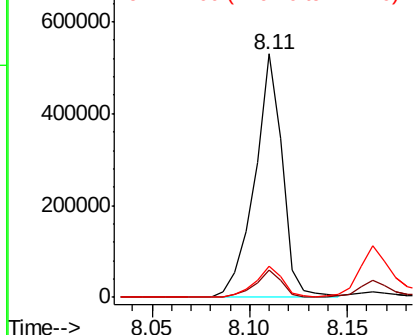
Tot Ion:	128	Resp:	519686
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.4
127	12.7	10.8	16.2

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM



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



#32

Benzoic acid

Concen: 39.253 ng

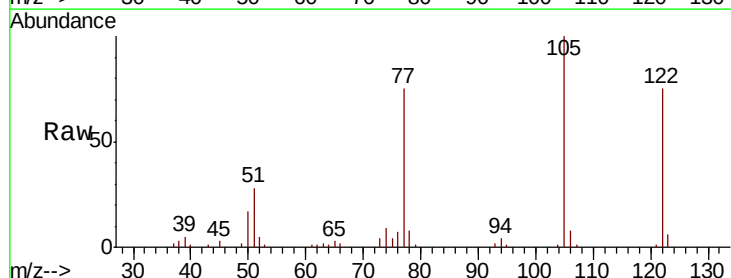
RT: 7.92 min Scan# 991

Delta R.T. 0.03 min

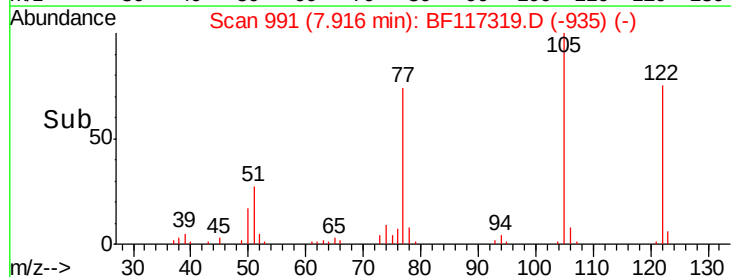
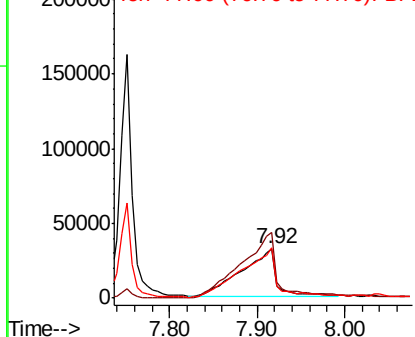
Lab File: BF117319.D

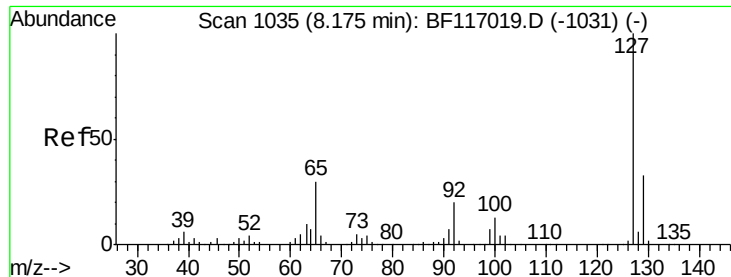
Acq: 3 Oct 2019 16:40

Tgt Ion:	122	Resp:	91276
Ion Ratio	Lower	Upper	
122	100		
105	133.1	114.8	154.8
77	100.4	78.7	118.7



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





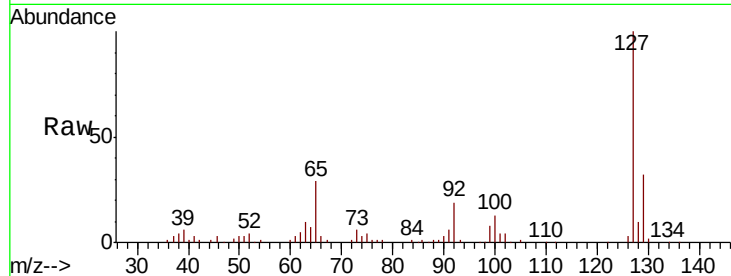
#33
4-Chloroaniline
Concen: 27.566 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

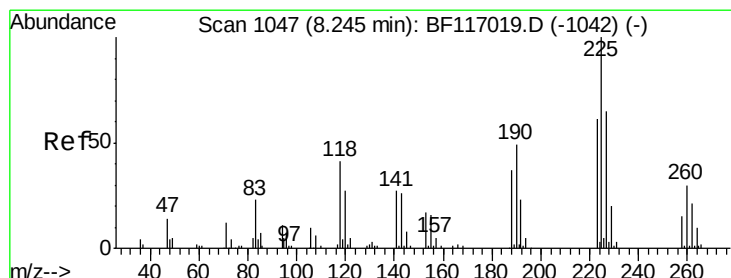
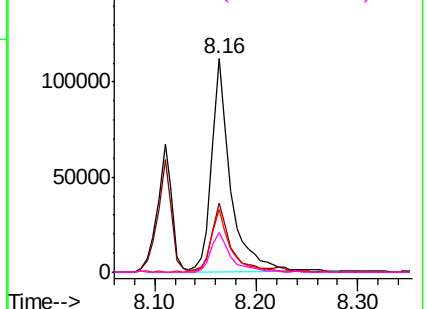
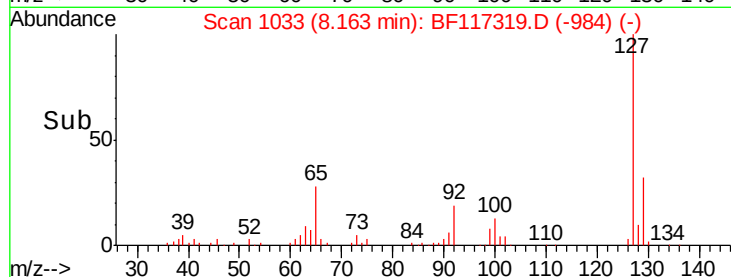
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	29.1	23.5	35.3
92	18.8	15.9	23.9

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

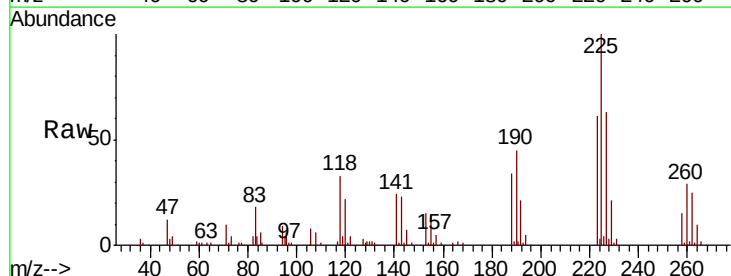


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

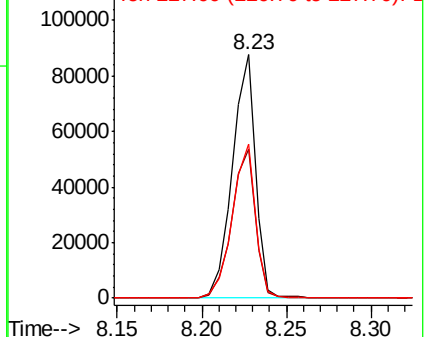
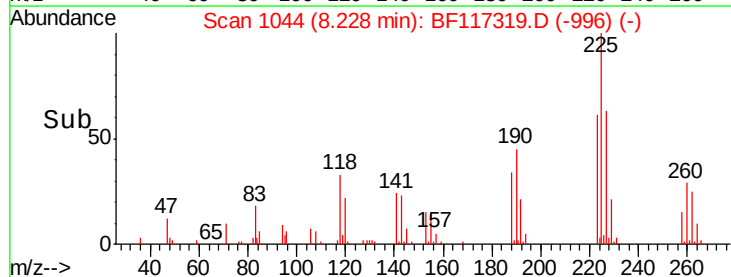


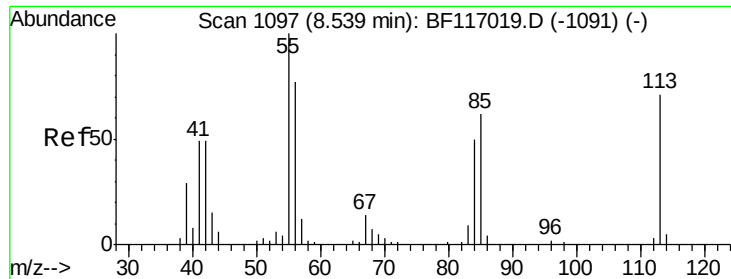
#34
Hexachlorobutadiene
Concen: 40.544 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.1	73.7
227	63.5	52.2	78.2



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





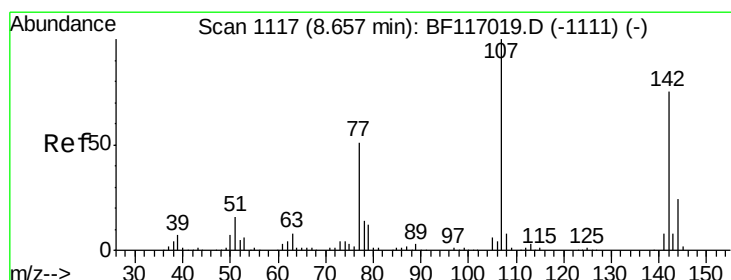
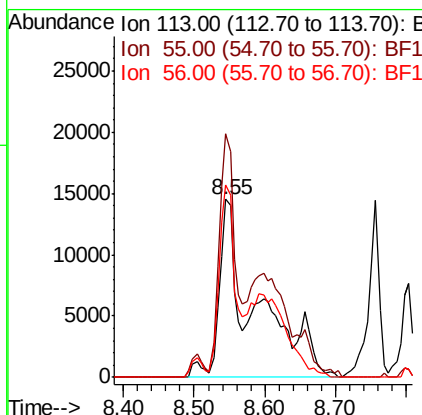
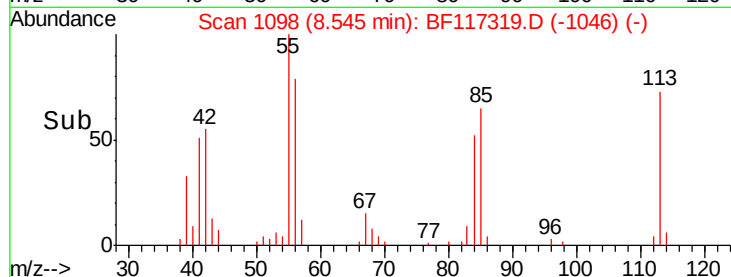
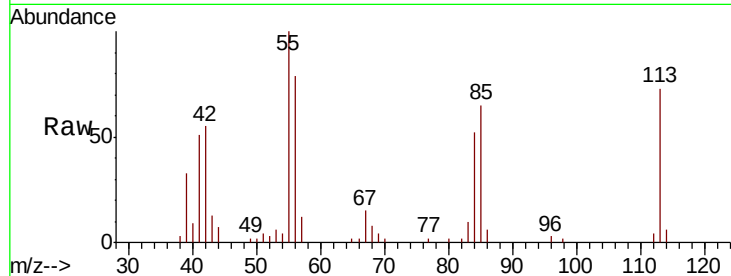
#35
Caprolactam
Concen: 45.169 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleID :
PB123594BS

Tot Ion: 113 Resp: 51149
Ion Ratio Lower Upper
113 100
55 136.6 120.6 160.6
56 107.8 88.8 128.8

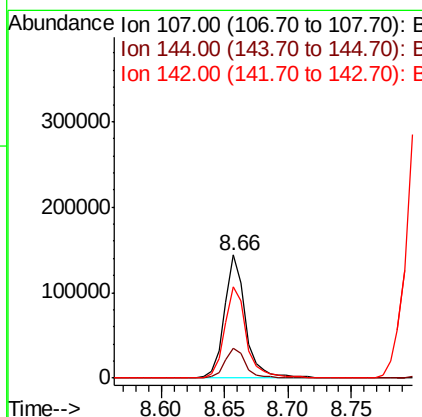
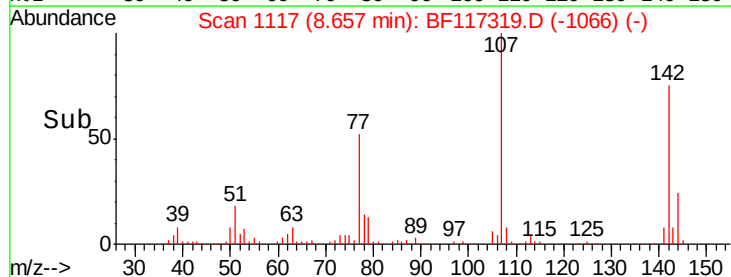
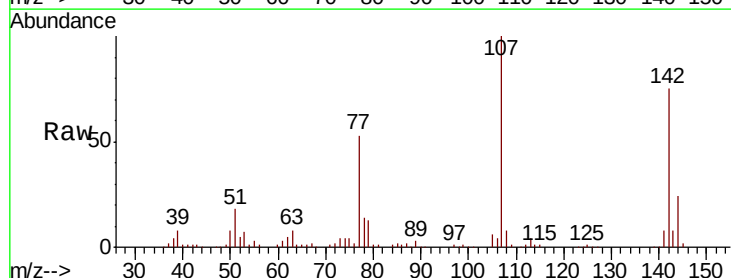
Manual Integrations
APPROVED

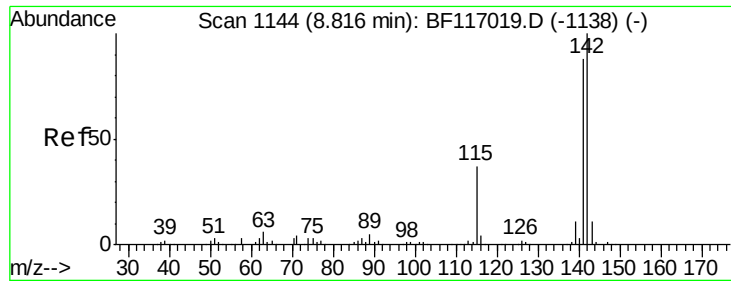
mohammad
10/7/2019 8:25:44 AM



#36
4-Chloro-3-methylphenol
Concen: 42.803 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion: 107 Resp: 166972
Ion Ratio Lower Upper
107 100
144 23.9 19.2 28.8
142 74.6 59.6 89.4





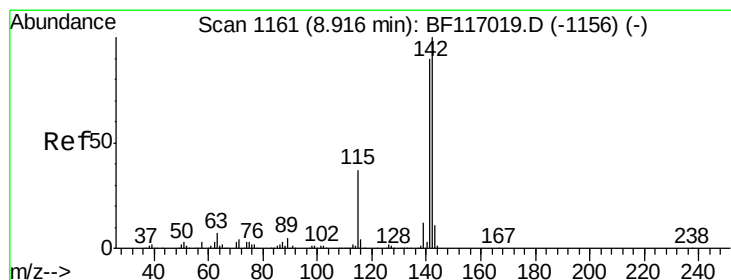
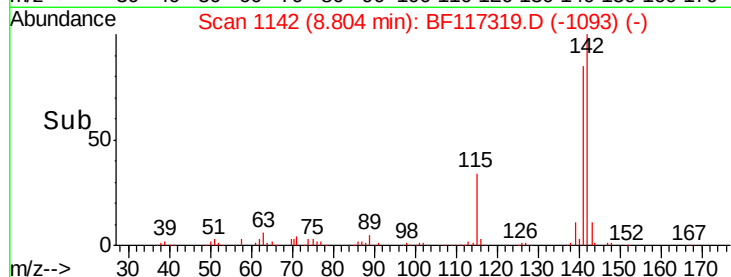
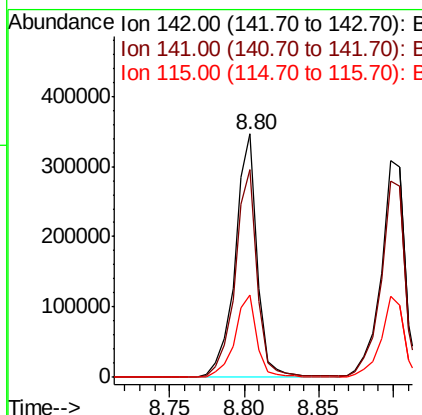
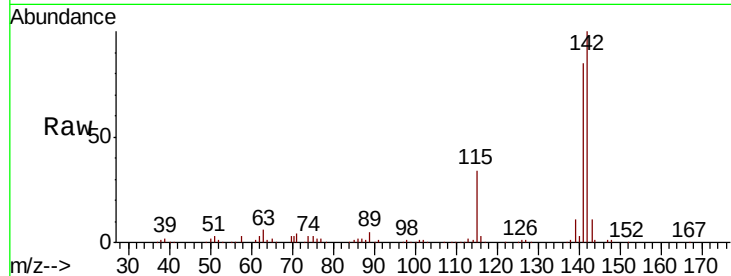
#37
2-Methylnaphthalene
Concen: 44.488 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.2	70.7	106.1
115	33.6	29.4	44.0

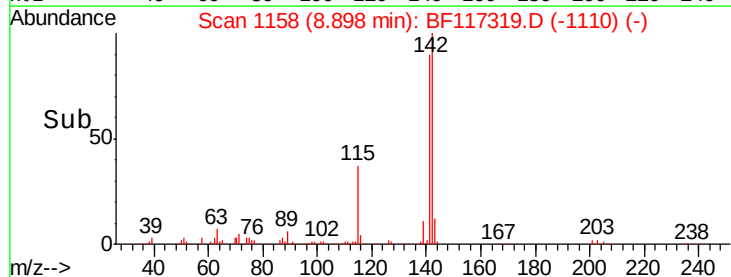
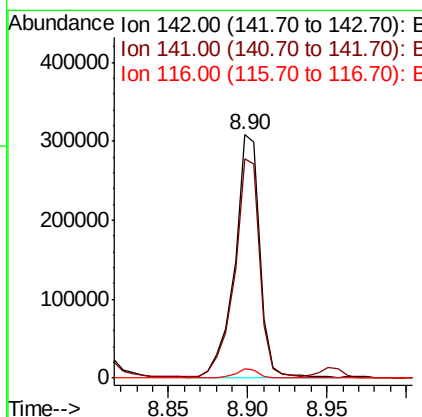
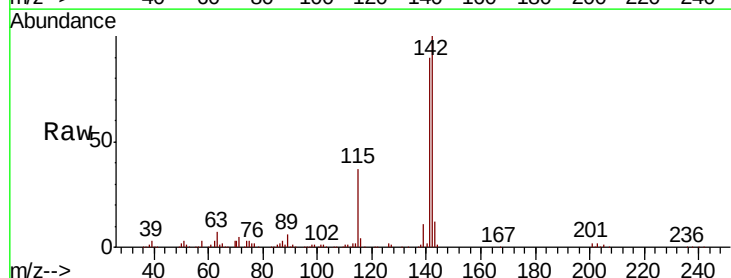
Manual Integrations
APPROVED

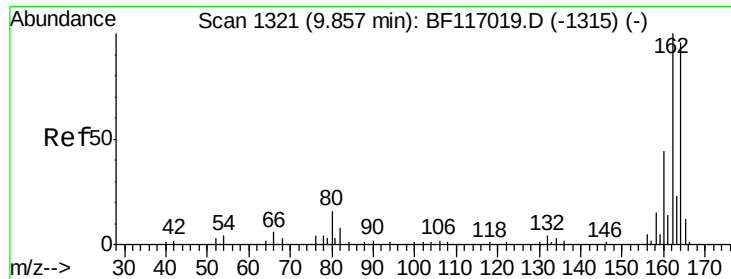
mohammad
10/7/2019 8:25:44 AM



#38
1-Methylnaphthalene
Concen: 44.190 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
116	3.9	3.2	4.8





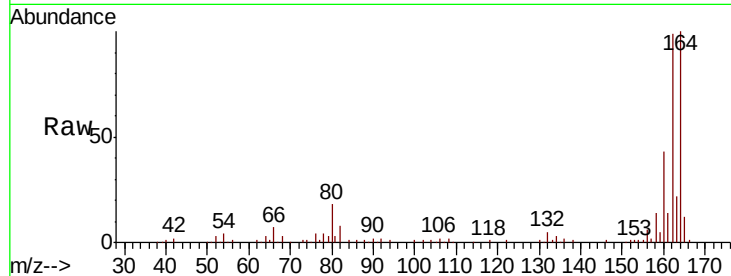
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.5	83.4	125.2
160	42.8	36.4	54.6

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

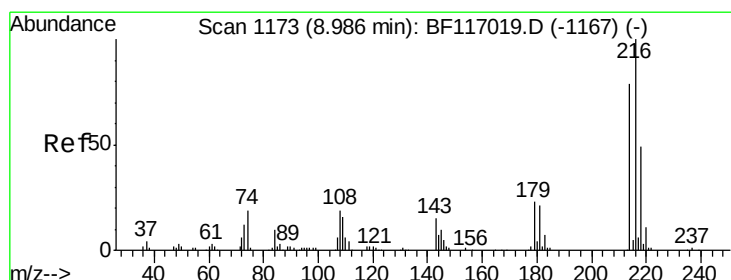
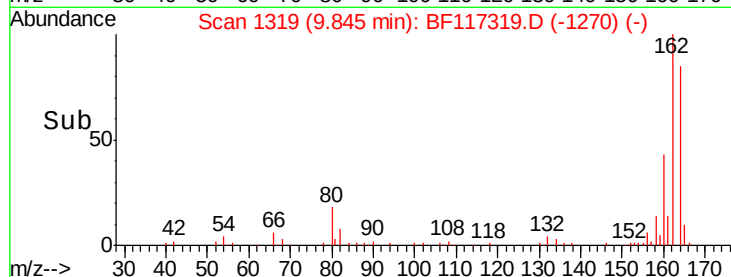
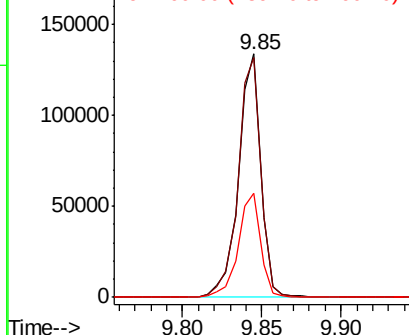


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.875 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.6	95.4
179	22.6	18.3	27.5
108	22.2	17.8	26.6

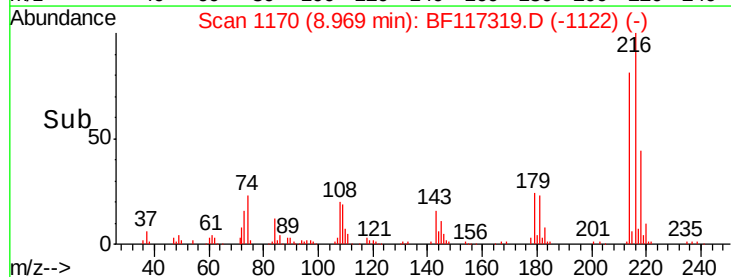
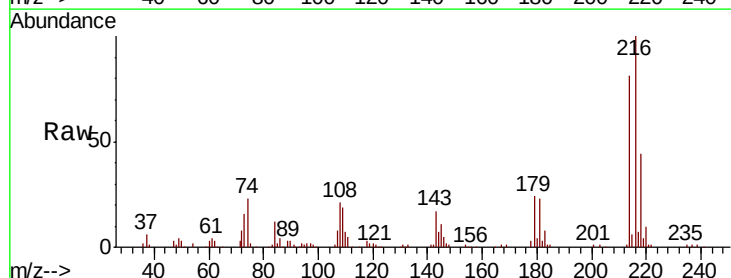
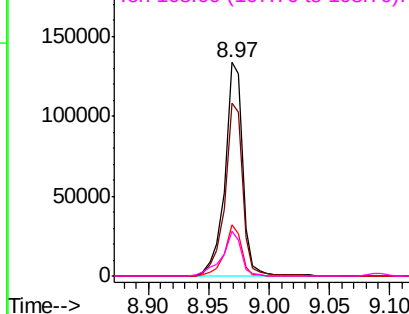
Abundance

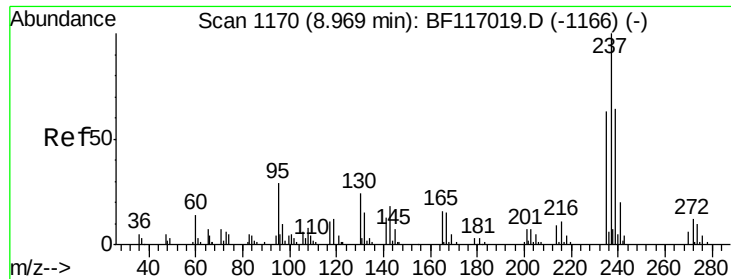
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





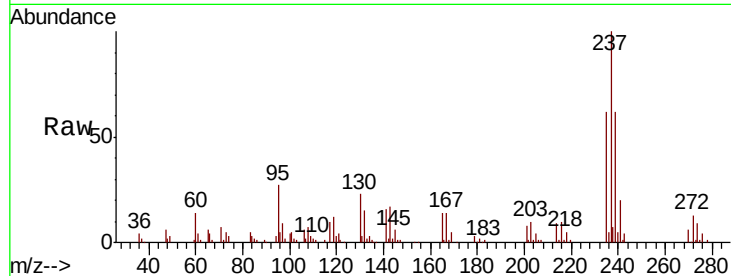
#41
Hexachlorocyclopentadiene
Concen: 57.942 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

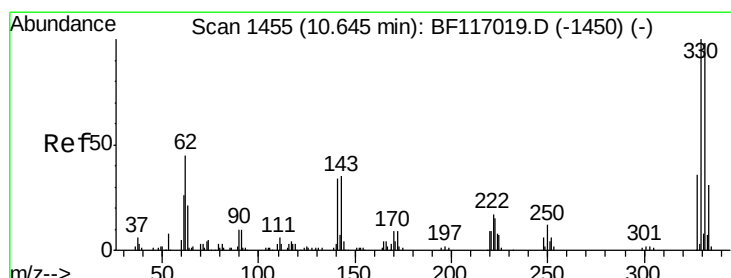
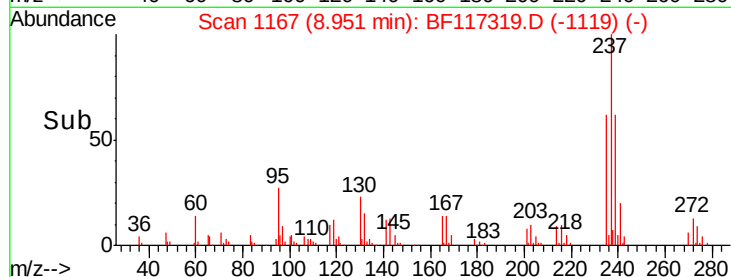
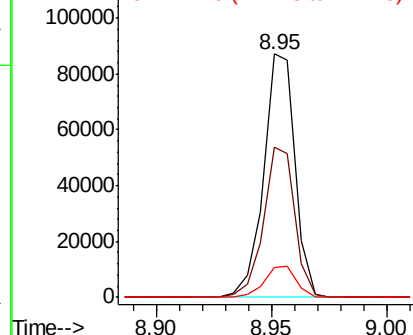
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	43.2	83.2
272	12.5	0.0	31.9

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

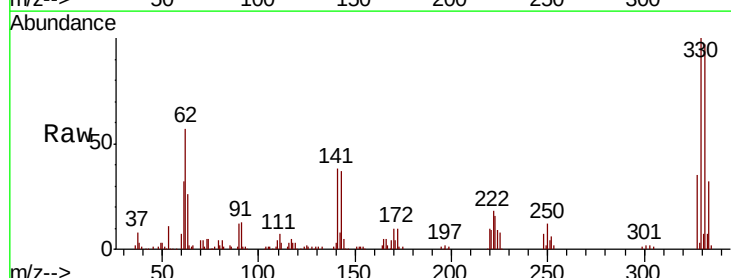


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

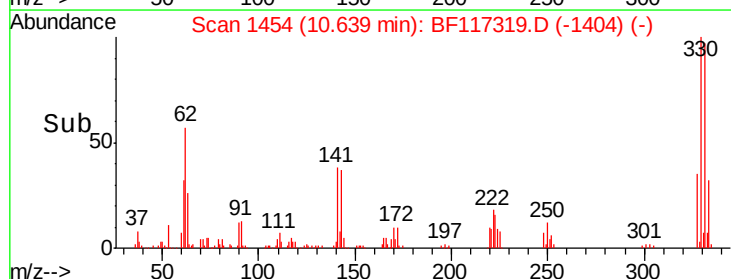
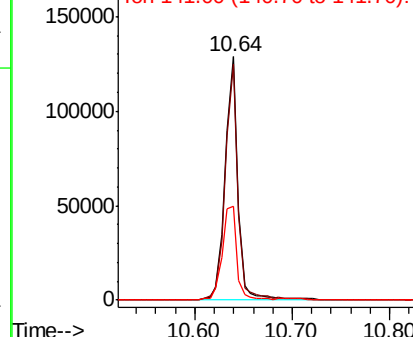


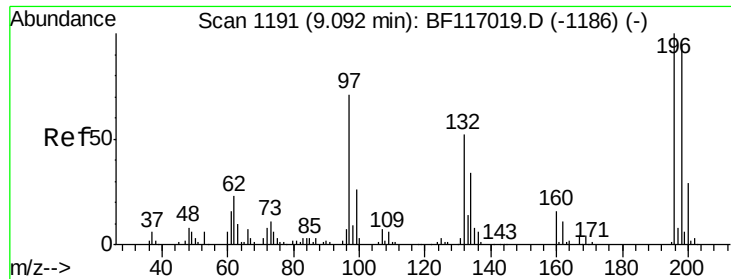
#42
2,4,6-Tribromophenol
Concen: 109.163 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.8	78.0	117.0
141	43.6	35.8	53.6



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





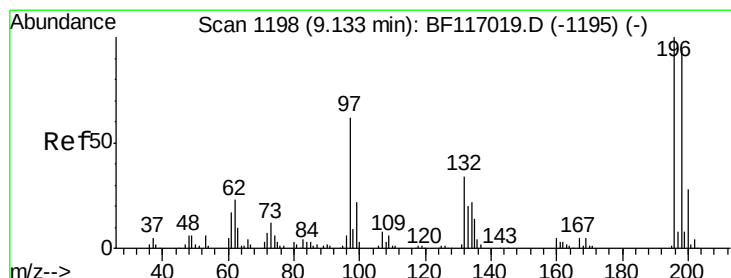
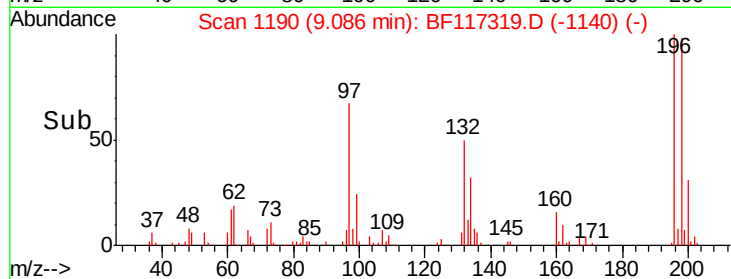
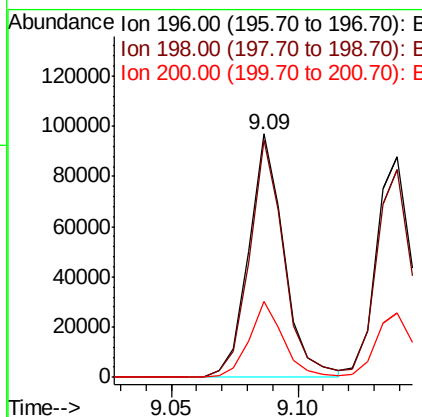
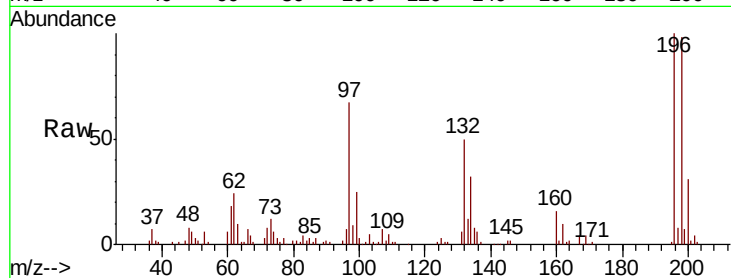
#43
 2,4,6-Trichlorophenol
 Concen: 41.207 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

Tot Ion:	196	Resp:	94017
Ion Ratio	Lower	Upper	
196	100		
198	97.7	75.7	113.5
200	31.4	23.3	34.9

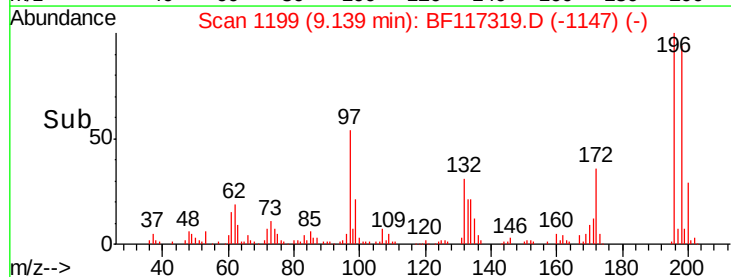
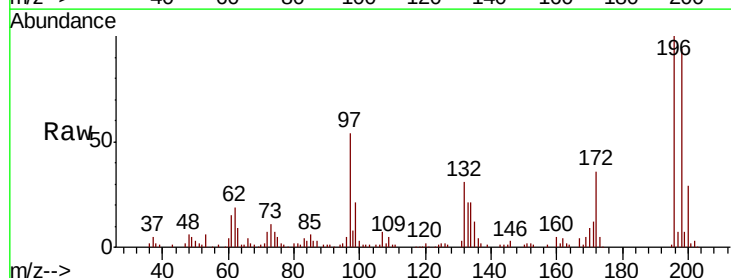
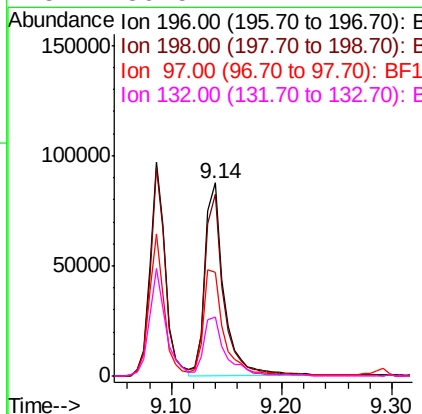
Manual Integrations
 APPROVED

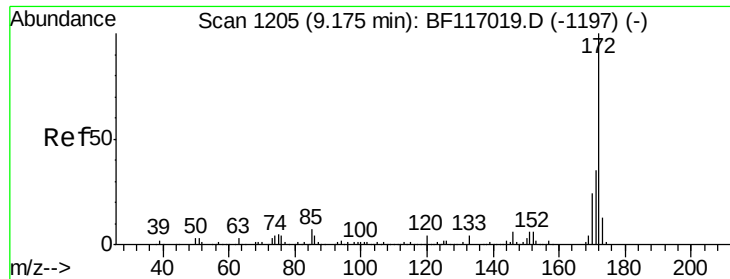
mohammad
 10/7/2019 8:25:44 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.456 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tgt Ion:	196	Resp:	101055
Ion Ratio	Lower	Upper	
196	100		
198	94.4	74.6	112.0
97	53.9	49.5	74.3
132	30.5	27.4	41.2





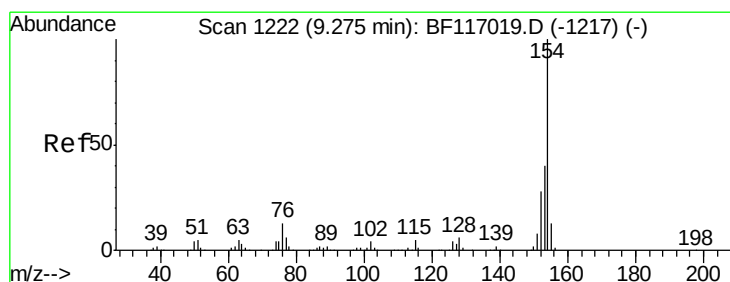
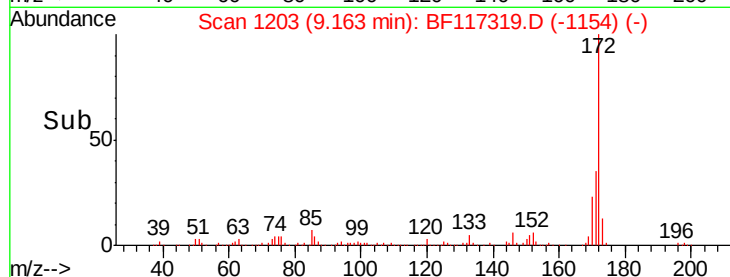
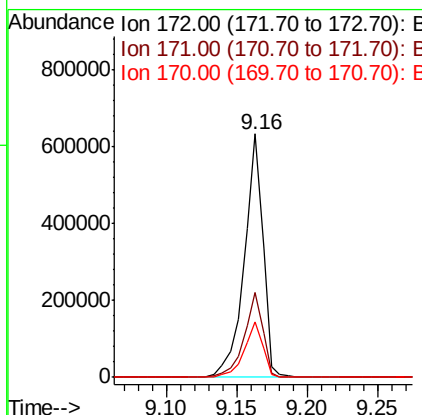
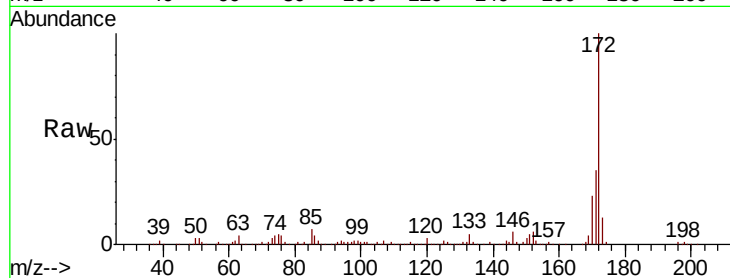
#45
2-Fluorobiphenyl
Concen: 70.309 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	22.9	18.9	28.3

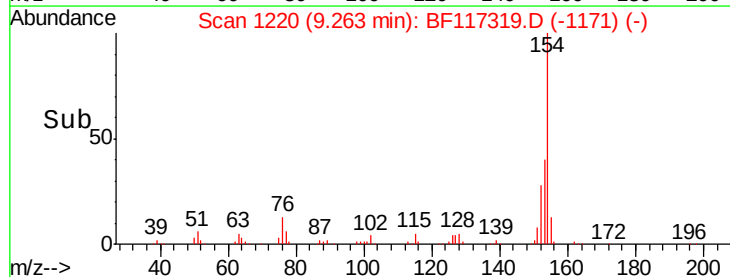
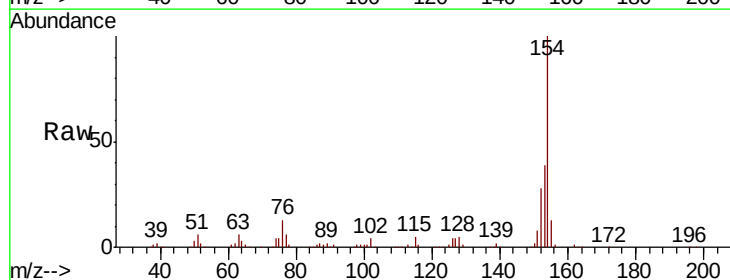
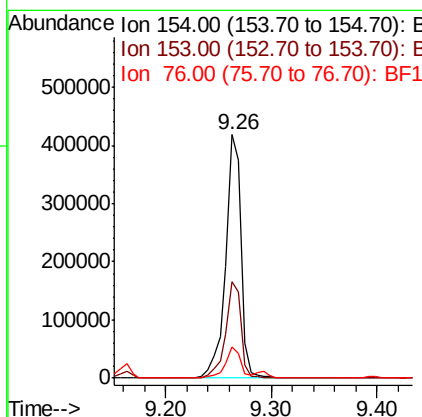
Manual Integrations
APPROVED

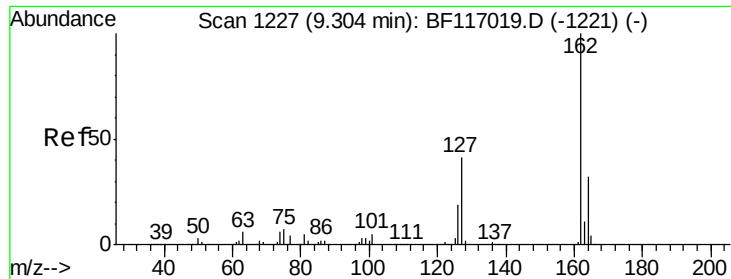
mohammad
10/7/2019 8:25:44 AM



#46
1,1'-Biphenyl
Concen: 41.397 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.0	60.0
76	12.6	0.0	32.7





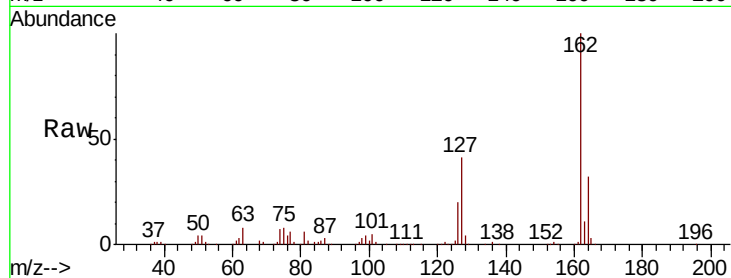
#47
2-Chloronaphthalene
Concen: 40.928 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.2	34.1	51.1	
164	32.4	25.9	38.9	

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

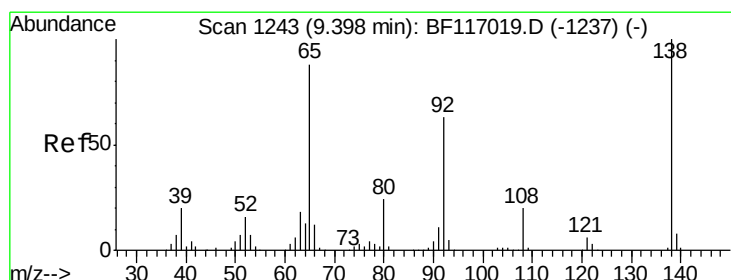
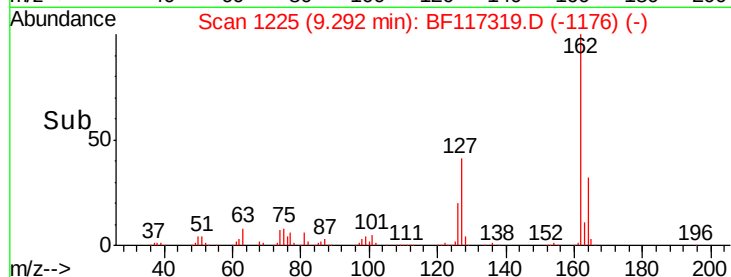
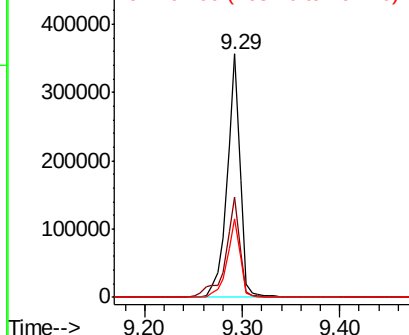


Abundance

Ion 162.00 (161.70 to 162.70): E

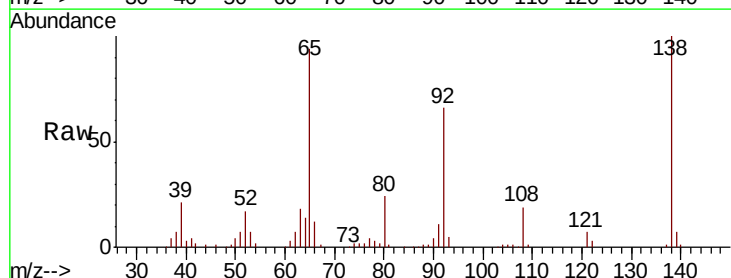
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.467 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.9	57.5	86.3	
138	106.1	90.6	136.0	

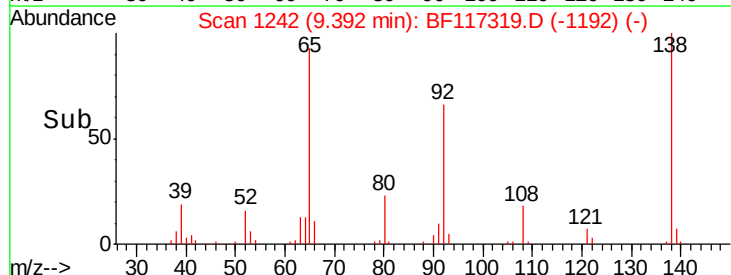
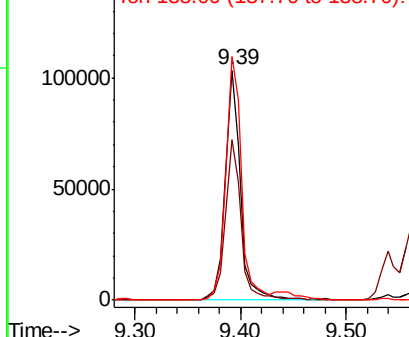


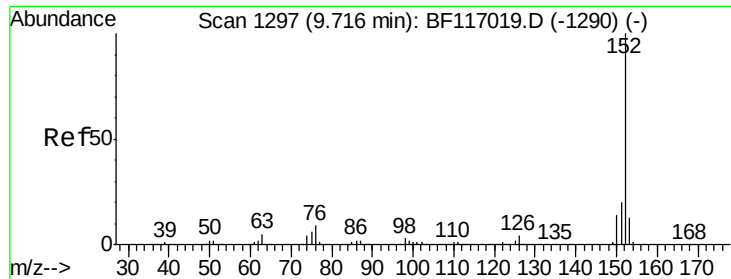
Abundance

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: 42.538 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Instrument :

BNA_F

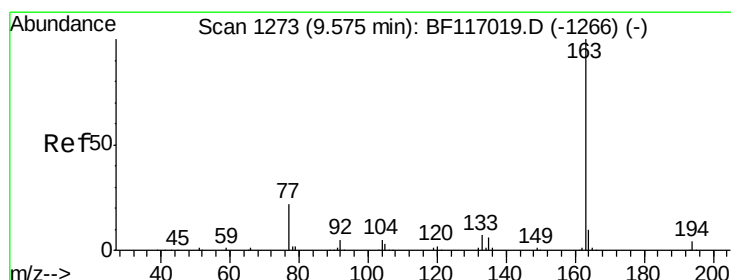
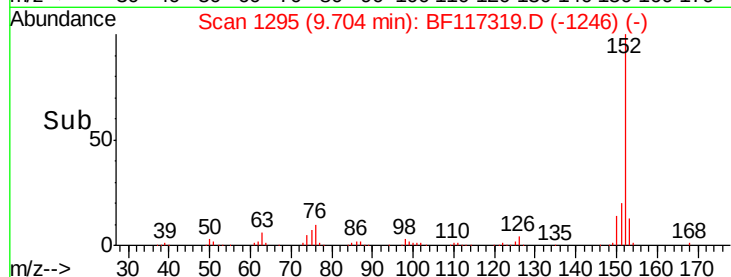
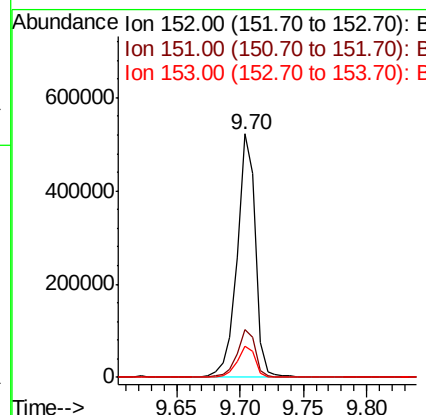
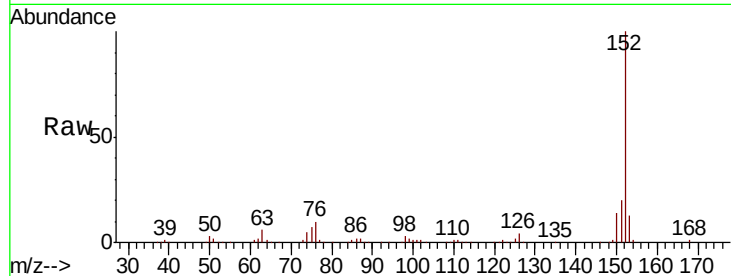
ClientSampleId :

PB123594BS

Tot Ion:	152	Resp:	513607
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	12.7	10.2	15.4

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM



#50

Dimethylphthalate

Concen: 40.275 ng

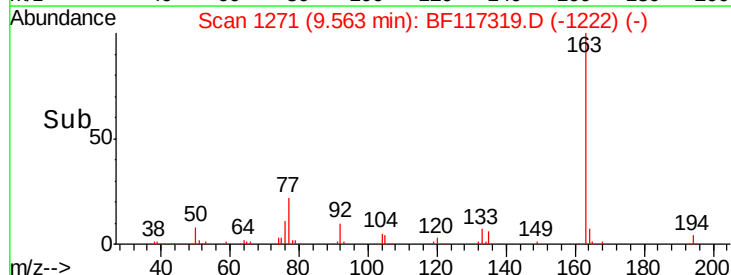
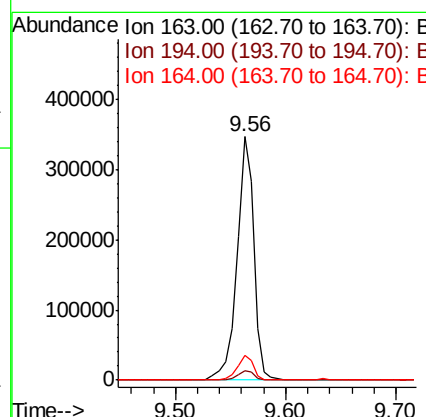
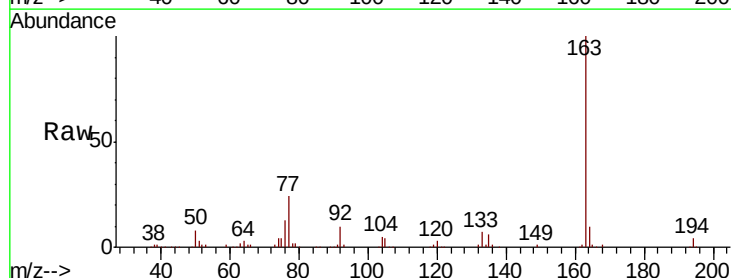
RT: 9.56 min Scan# 1271

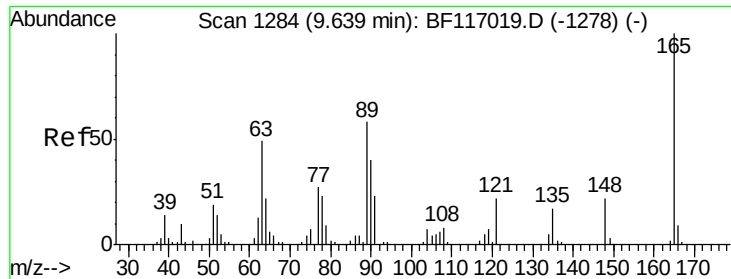
Delta R.T. -0.01 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Tgt Ion:	163	Resp:	371272
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.9	4.3
164	9.9	8.2	12.4





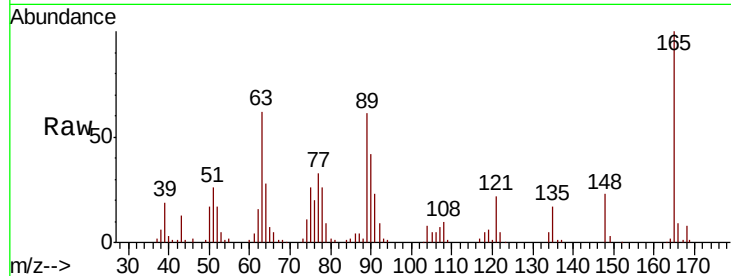
#51
 2,6-Dinitrotoluene
 Concen: 44.452 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Instrument :
 BNA_F
 ClientSampled :
 PB123594BS

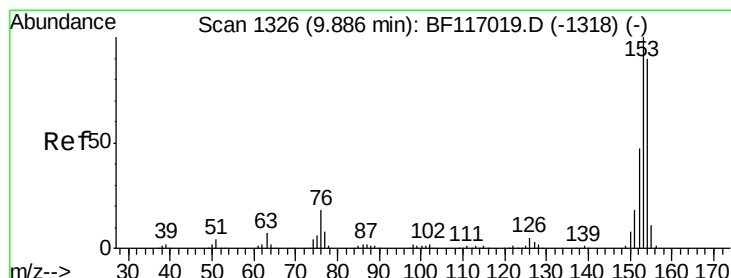
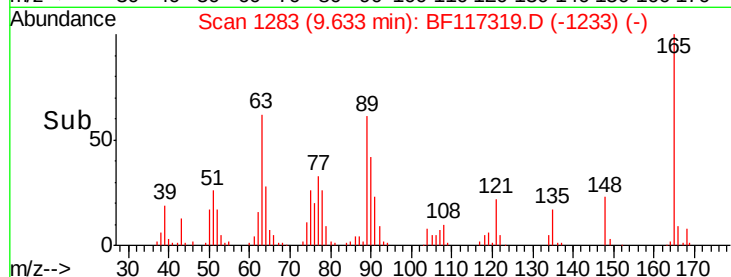
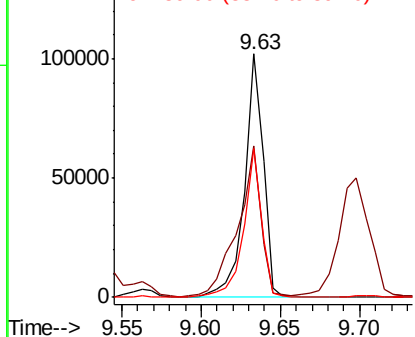
Tot Ion	Ratio	Resp	Lower	Upper
165	100	83459		
63	62.1		41.8	62.8
89	61.4		46.5	69.7

Manual Integrations
 APPROVED

mohammad
 10/7/2019 8:25:44 AM

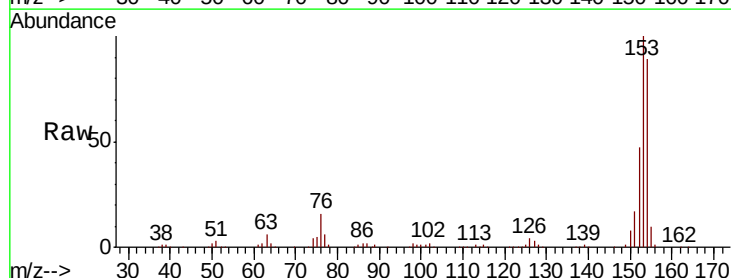


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

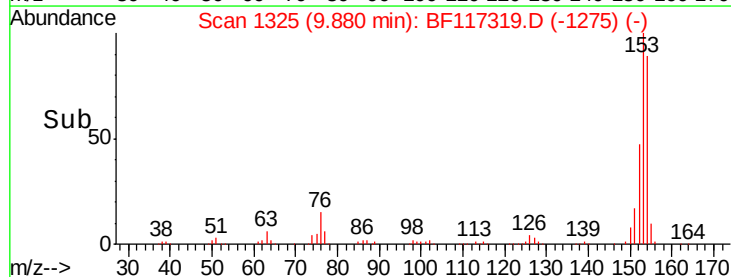
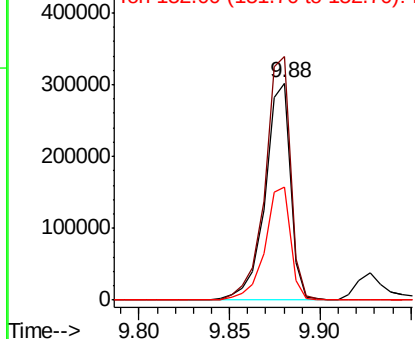


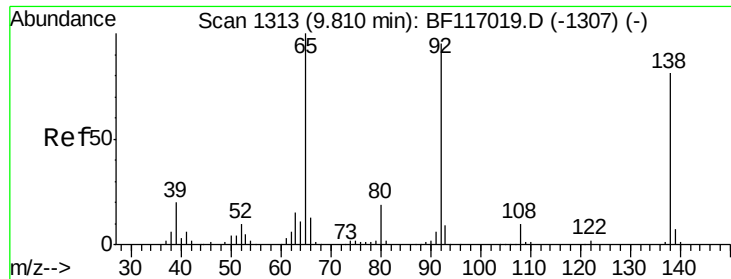
#52
 Acenaphthene
 Concen: 41.365 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	296068		
153	112.2		89.0	133.6
152	52.3		41.9	62.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





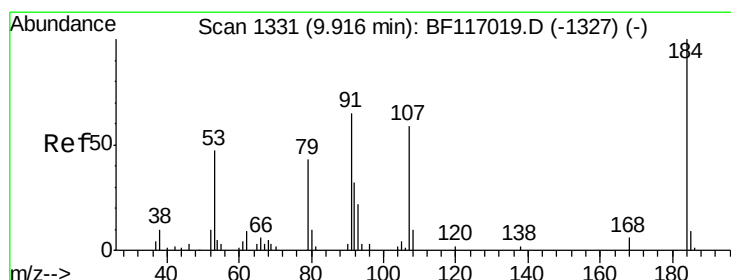
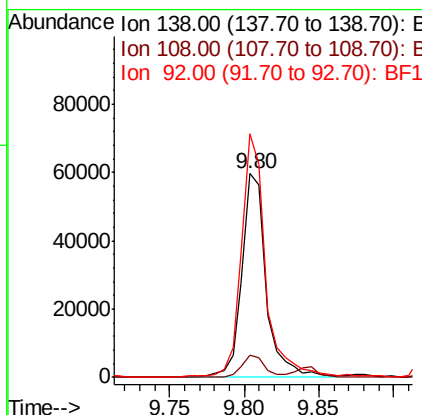
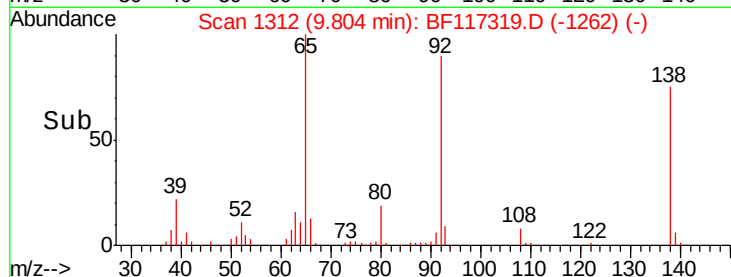
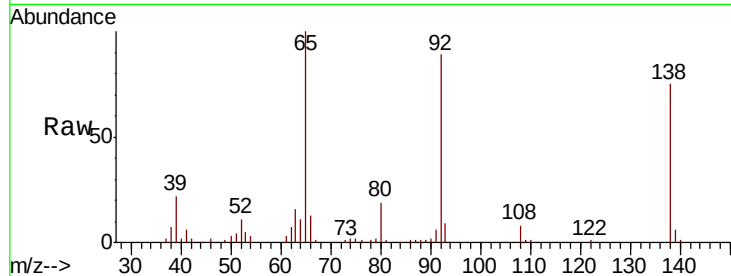
#53
 3-Nitroaniline
 Concen: 28.644 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.5	14.3
92	119.5	94.1	141.1

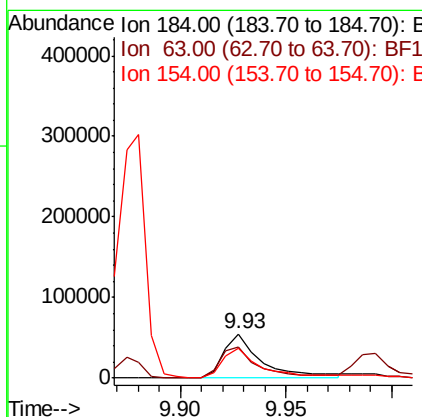
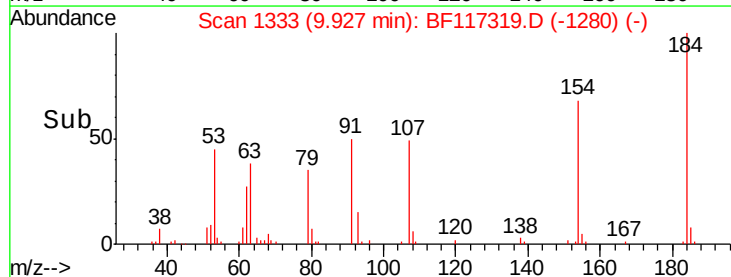
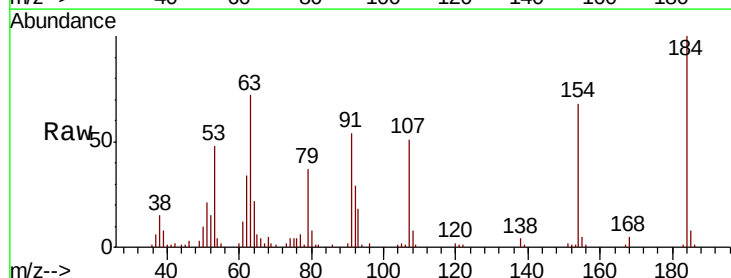
Manual Integrations
 APPROVED

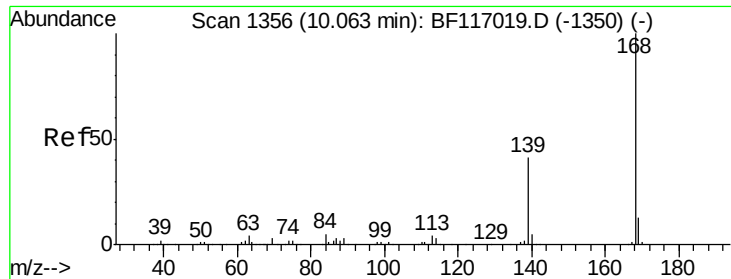
mohammad
 10/7/2019 8:25:44 AM



#54
 2,4-Dinitrophenol
 Concen: 83.293 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.6	63.8	95.6
154	68.0	60.4	90.6





#55

Dibenzofuran

Concen: 42.136 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Instrument :

BNA_F

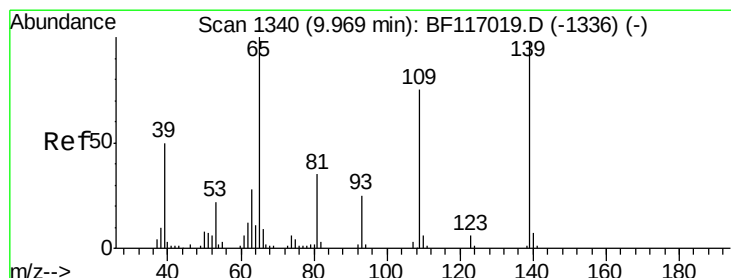
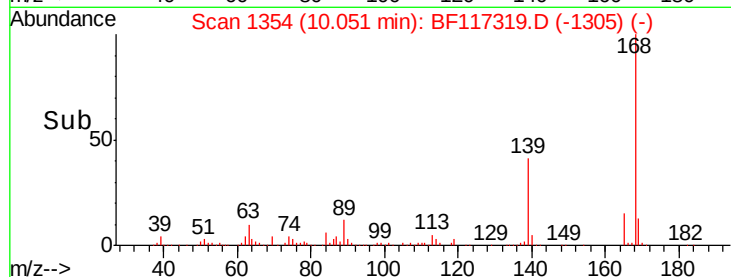
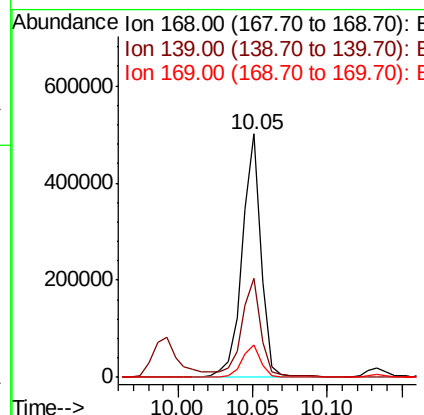
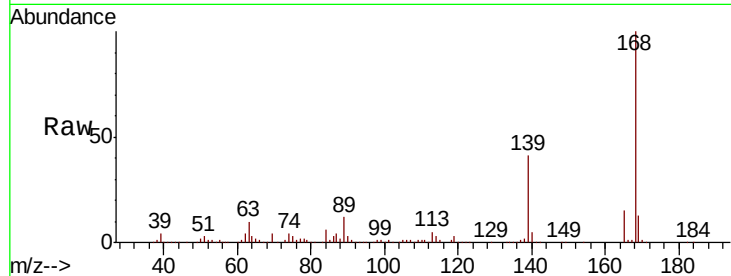
ClientSampleId :

PB123594BS

Tot Ion:	168	Resp:	444967
Ion Ratio	Lower	Upper	
168	100		
139	40.5	32.8	49.2
169	13.1	10.5	15.7

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM



#56

4-Nitrophenol

Concen: 66.121 ng

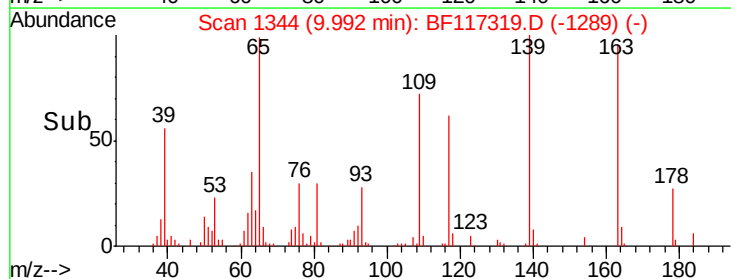
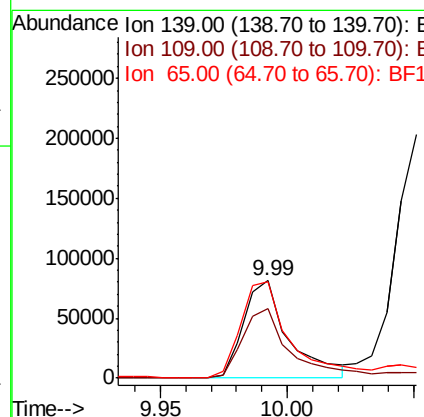
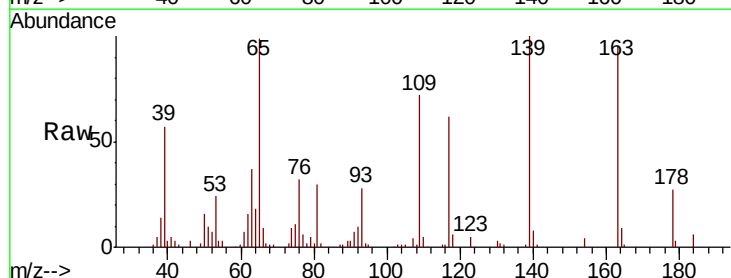
RT: 9.99 min Scan# 1344

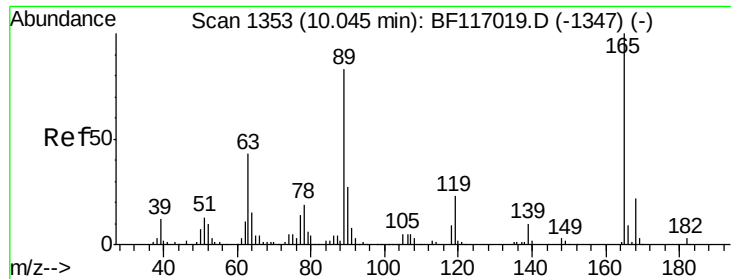
Delta R.T. 0.02 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Tgt Ion:	139	Resp:	101515
Ion Ratio	Lower	Upper	
139	100		
109	71.8	56.4	96.4
65	98.6	82.5	122.5





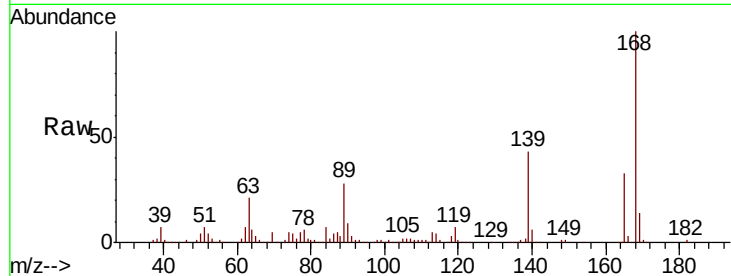
#57
 2,4-Dinitrotoluene
 Concen: 46.014 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	112143		
63	61.4	35.0	52.4	#
89	84.8	66.1	99.1	
182	2.1	2.0	3.0	

Manual Integrations
 APPROVED

mohammad
 10/7/2019 8:25:44 AM



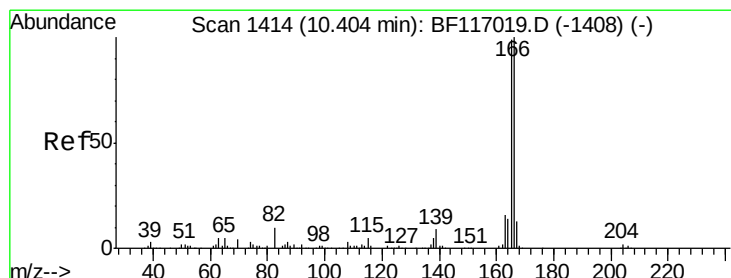
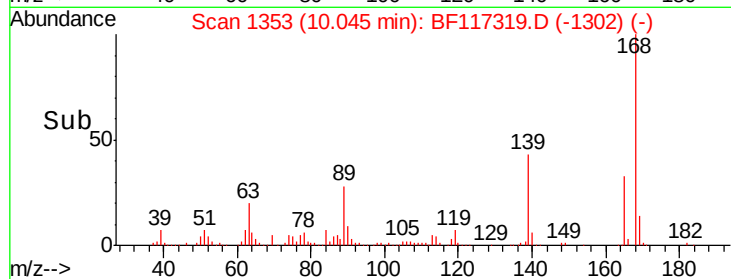
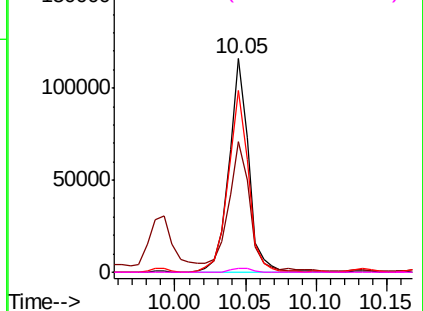
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

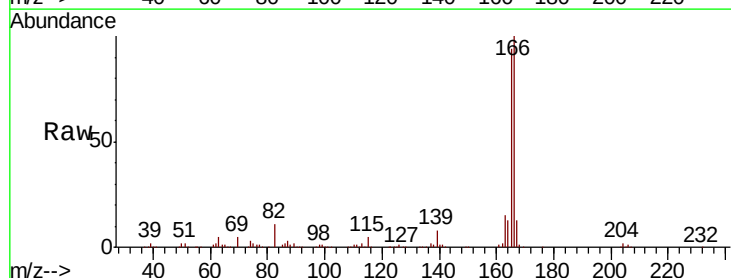
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 43.529 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	370286		
165	93.9	78.9	118.3	
167	13.1	10.6	15.8	

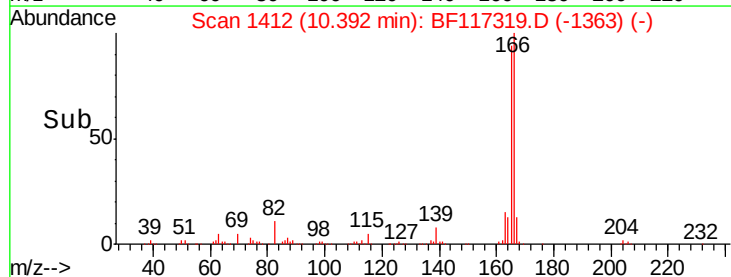
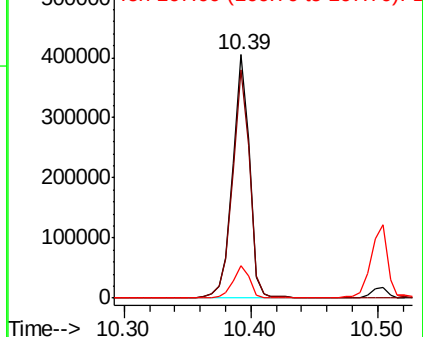


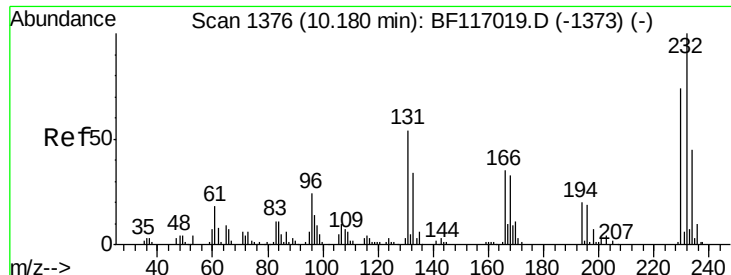
Abundance

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





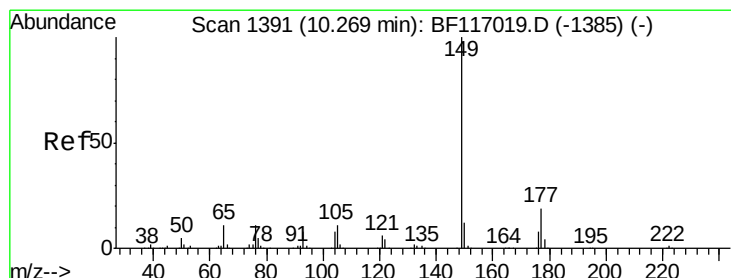
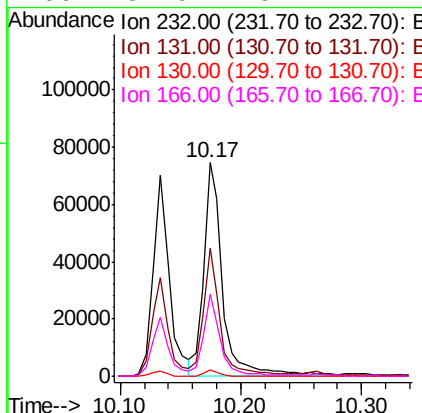
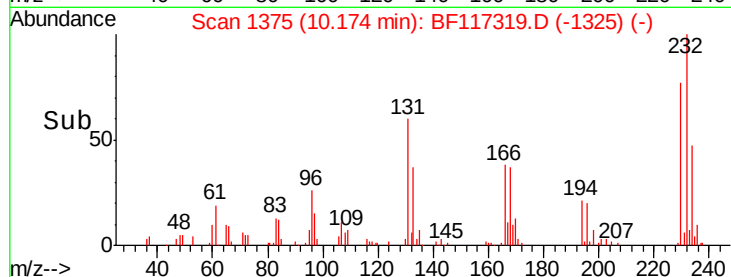
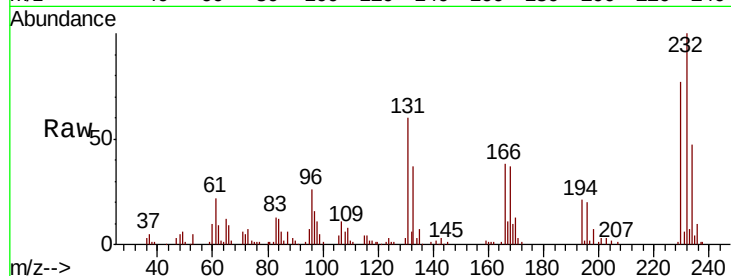
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.330 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.6	45.3	67.9
130	2.2	1.8	2.8
166	34.0	29.4	44.2

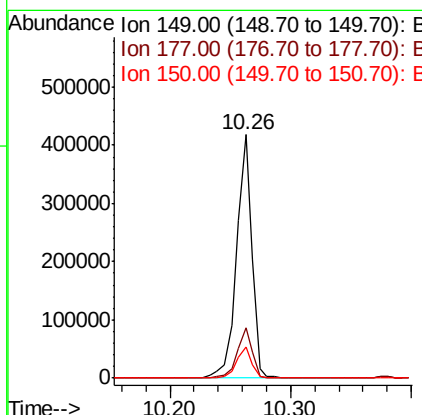
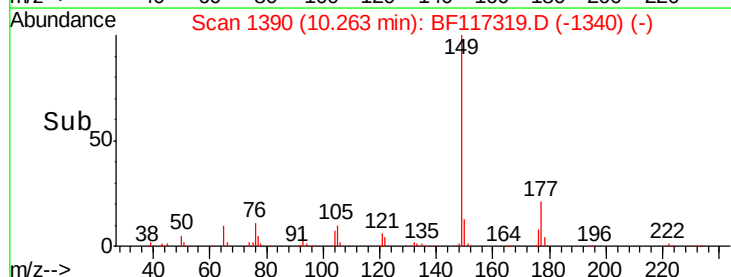
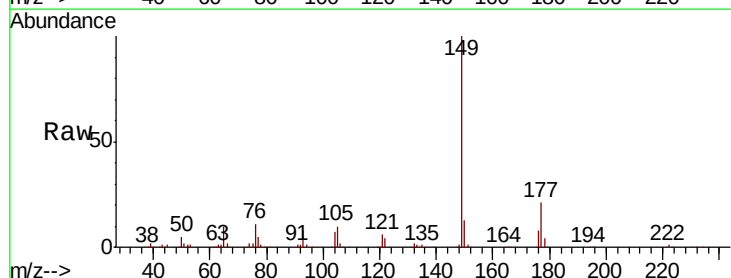
Manual Integrations
 APPROVED

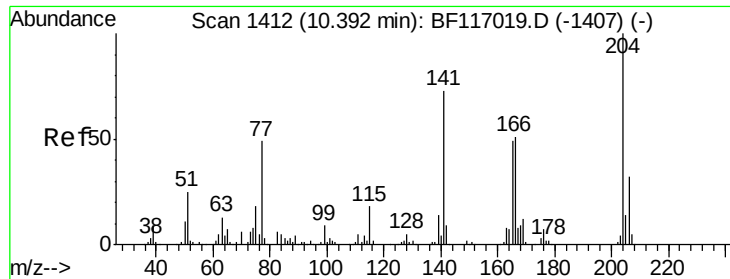
mohammad
 10/7/2019 8:25:44 AM



#60
 Diethylphthalate
 Concen: 40.975 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	15.2	22.8
150	12.6	9.9	14.9





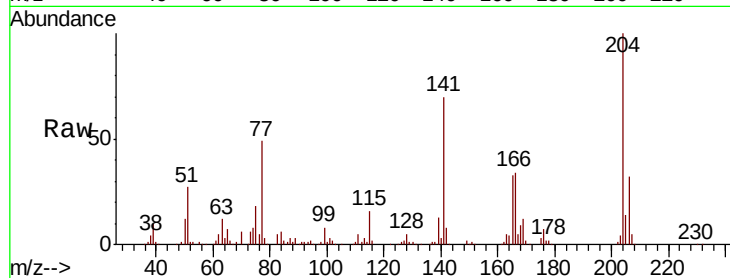
#61
4-Chlorophenyl-phenylether
Concen: 43.090 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampled :
PB123594BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.0	39.0
141	70.1	58.2	87.2

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

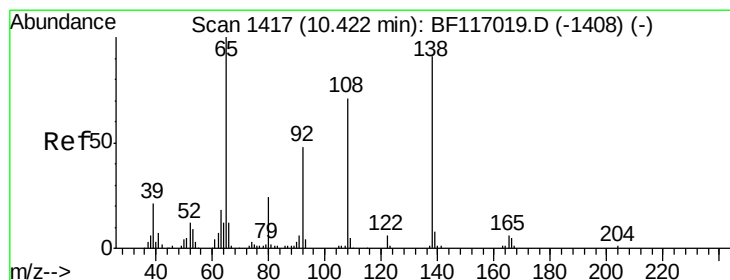
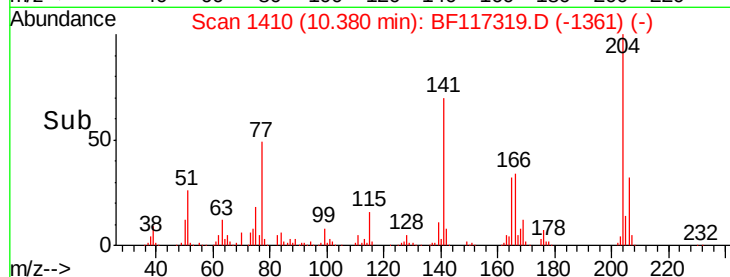
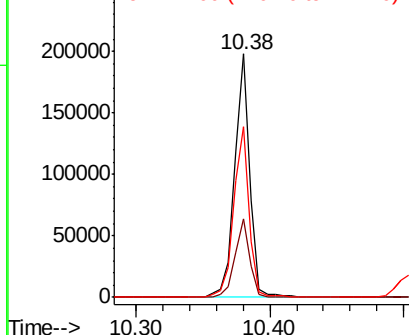


Abundance

Ion 204.00 (203.70 to 204.70): E

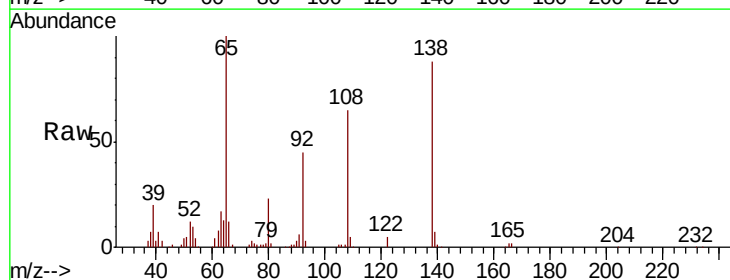
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.827 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.9	72.9
108	74.3	58.3	98.3

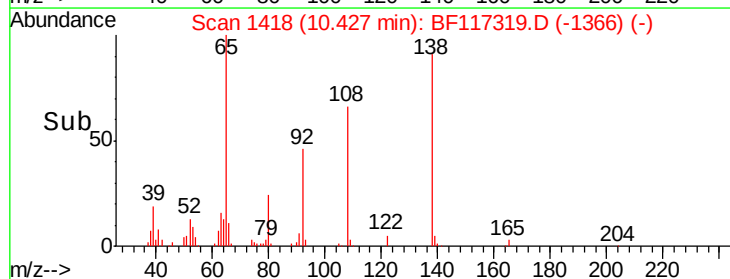
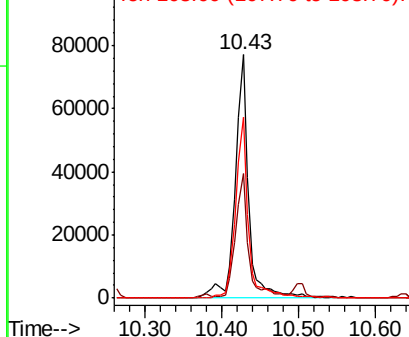


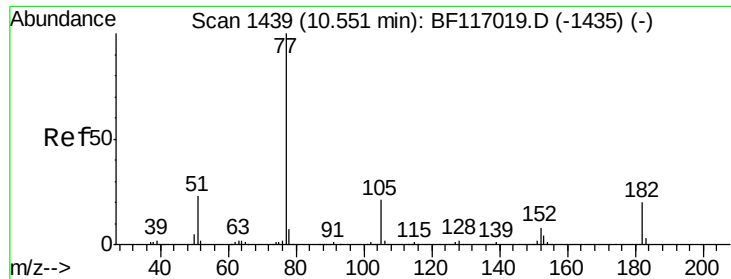
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





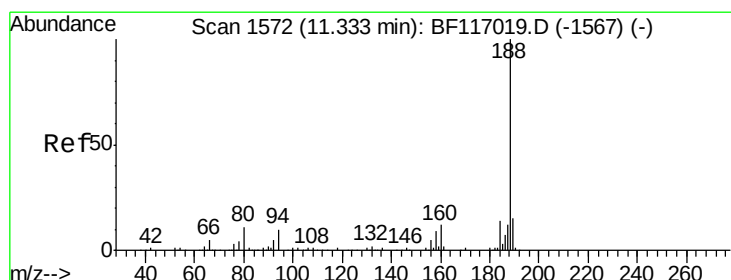
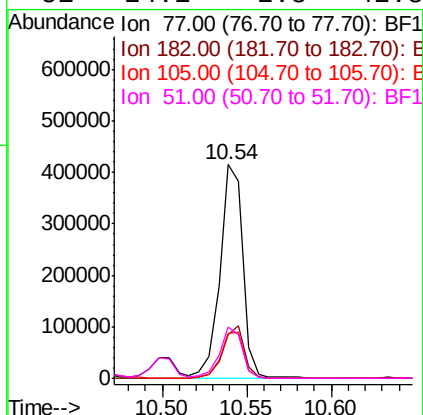
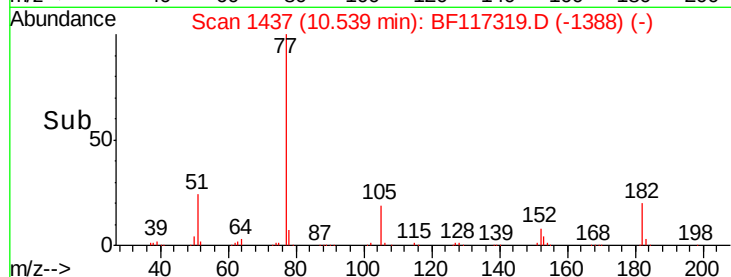
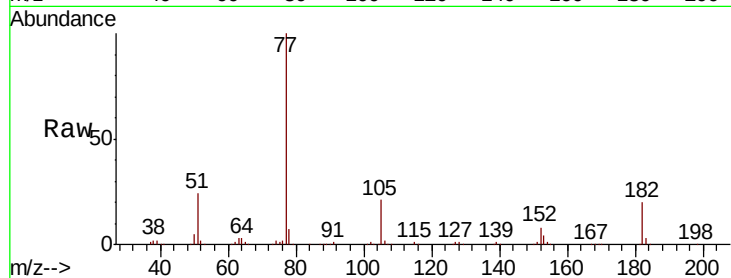
#63
Azobenzene
Concen: 42.176 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.2	0.4	40.4		
105	20.8	0.9	40.9		
51	24.1	2.8	42.8		

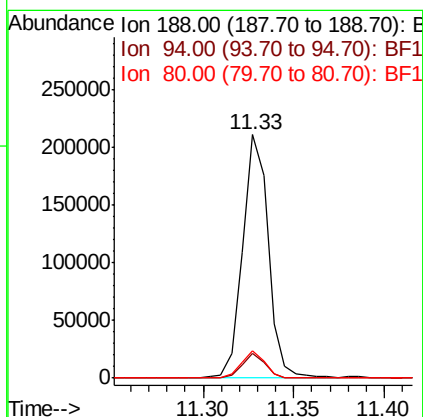
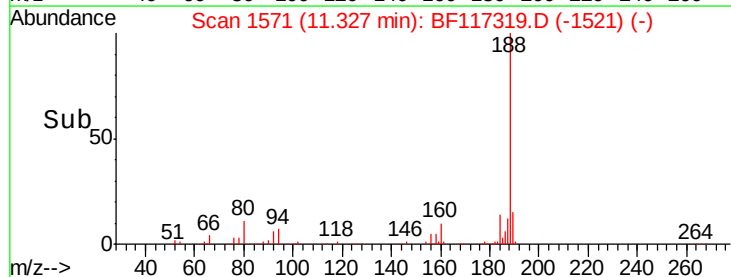
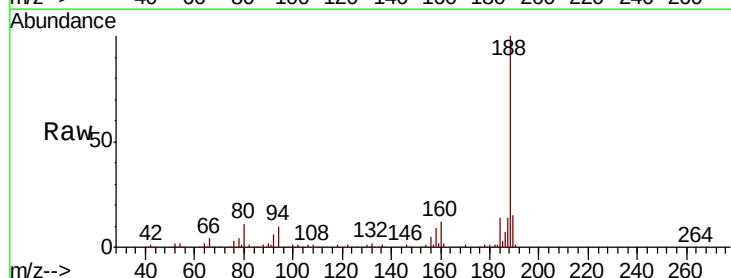
Manual Integrations
APPROVED

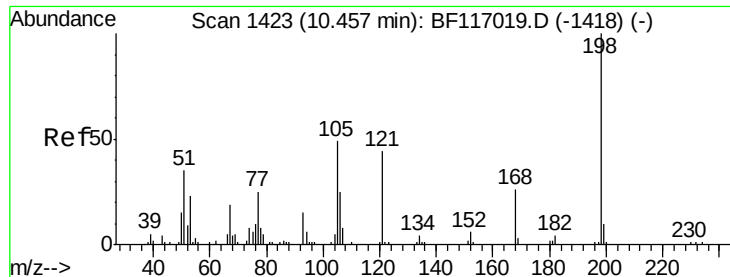
mohammad
10/7/2019 8:25:44 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.1	8.2	12.2		
80	11.0	9.0	13.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 52.504 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Instrument :

BNA_F

ClientSampled :

PB123594BS

Tot Ion:198 Resp: 50387

Ion Ratio Lower Upper

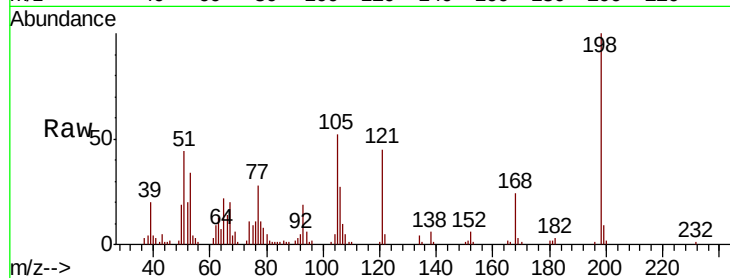
198 100

51 43.6 18.7 58.7

105 52.3 30.2 70.2

Manual Integrations
APPROVED

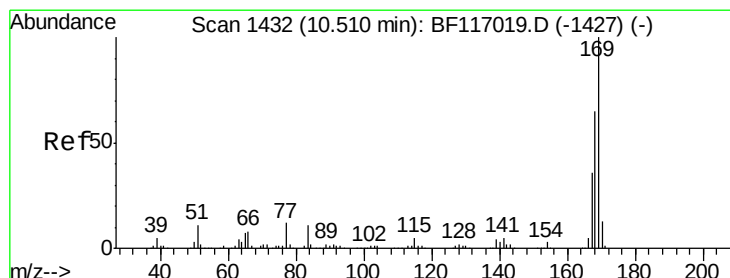
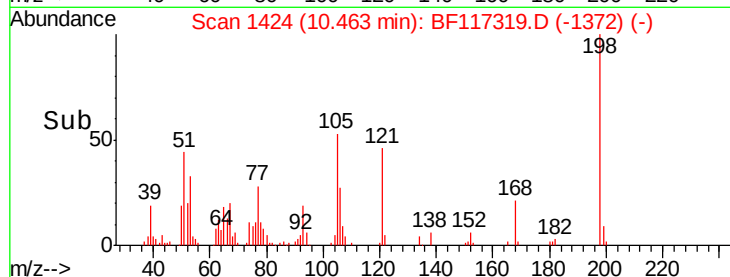
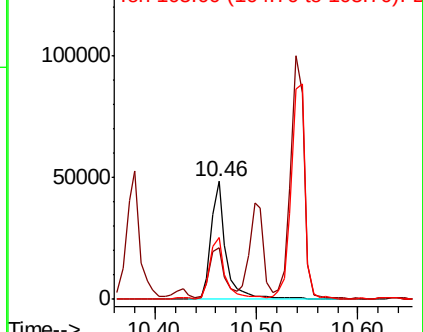
mohammad
10/7/2019 8:25:44 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.801 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

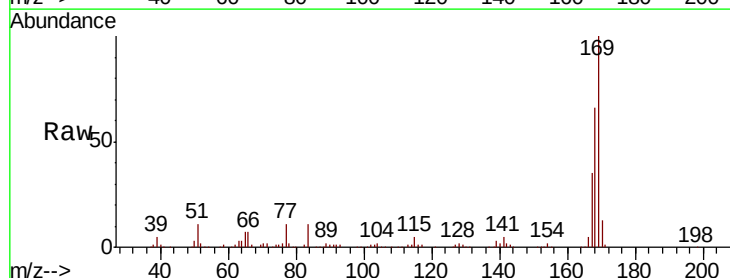
Tgt Ion:169 Resp: 321255

Ion Ratio Lower Upper

169 100

168 66.1 52.2 78.2

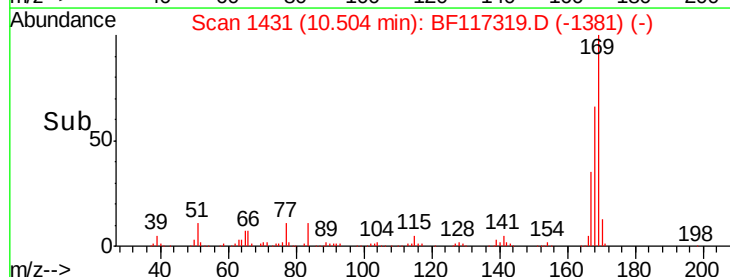
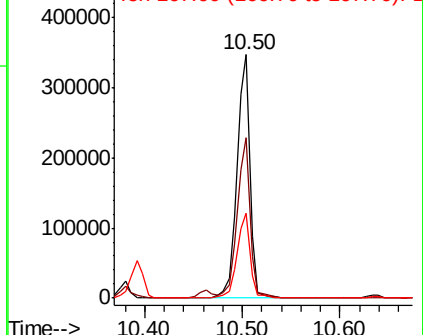
167 35.1 28.8 43.2

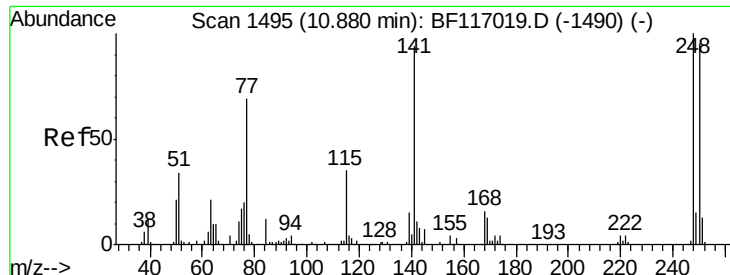


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





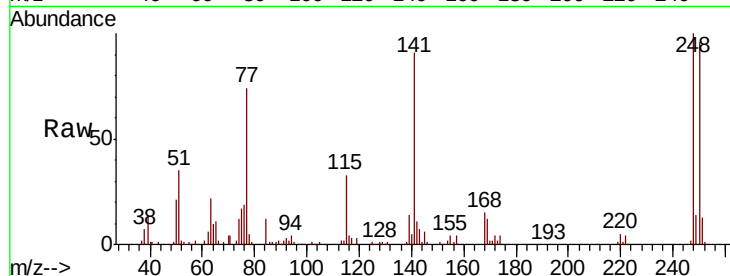
#67
 4-Bromophenyl-phenylether
 Concen: 42.191 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

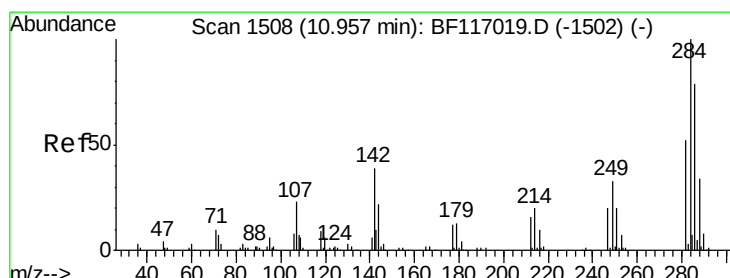
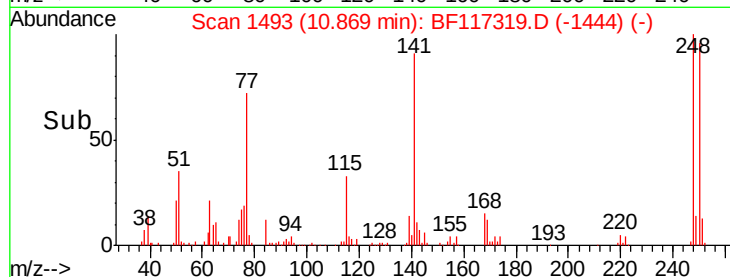
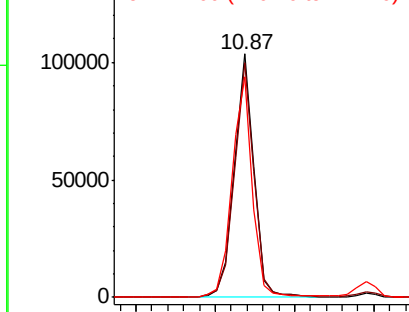
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.2	114.4
141	90.7	75.0	112.4

Manual Integrations
 APPROVED

mohammad
 10/7/2019 8:25:44 AM

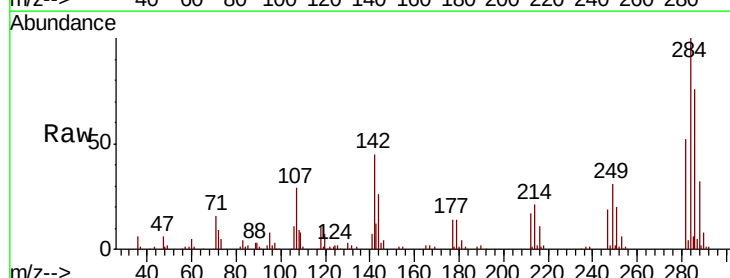


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

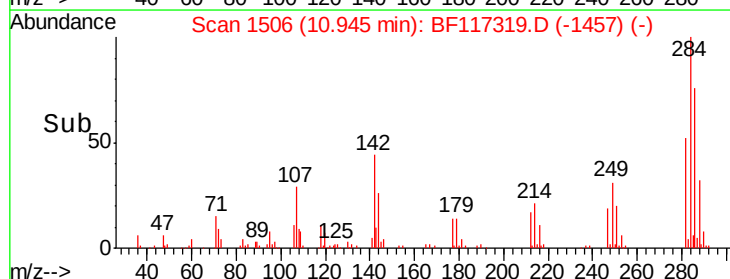
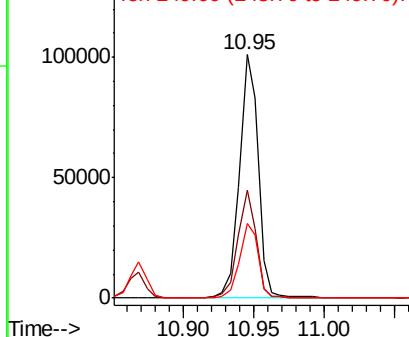


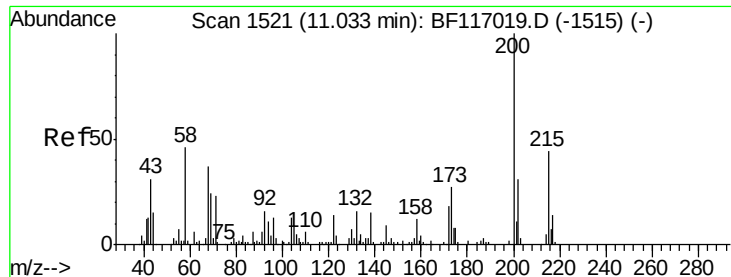
#68
 Hexachlorobenzene
 Concen: 40.628 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.6	31.4	47.2
249	30.7	26.5	39.7



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





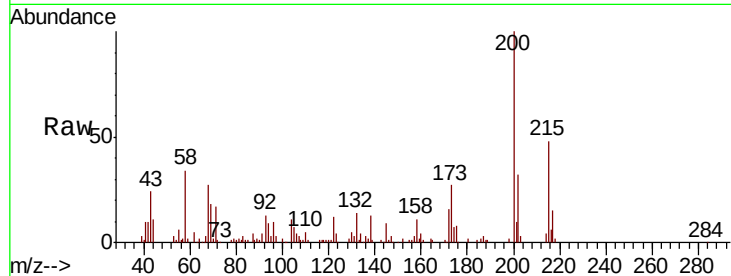
#69
Atrazine
Concen: 45.539 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampled :
PB123594BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.9	46.9
215	48.0	23.8	63.8

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

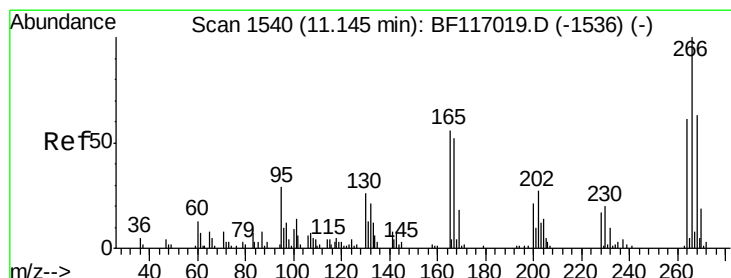
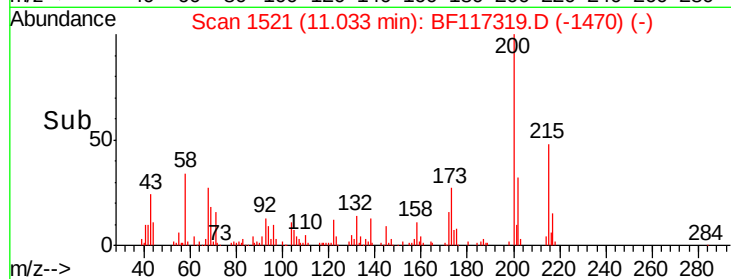
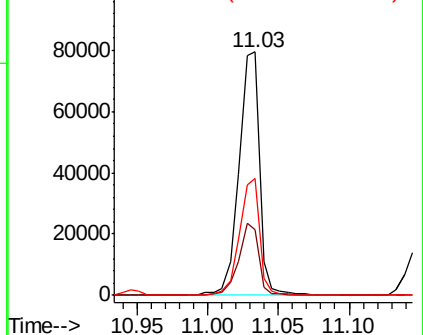


Abundance

Ion 200.00 (199.70 to 200.70): E

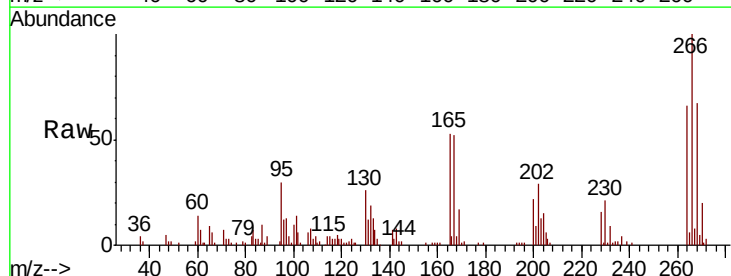
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.691 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	50.5	75.7
264	66.1	48.8	73.2

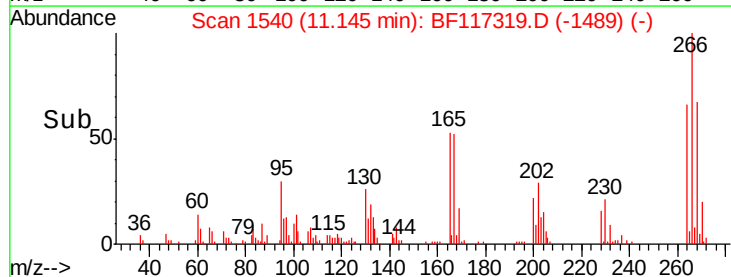
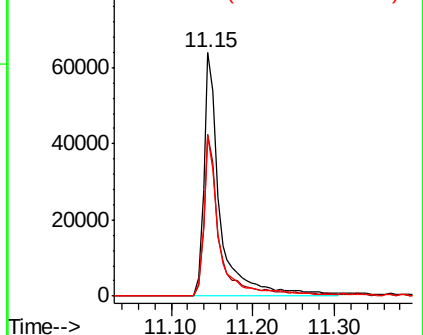


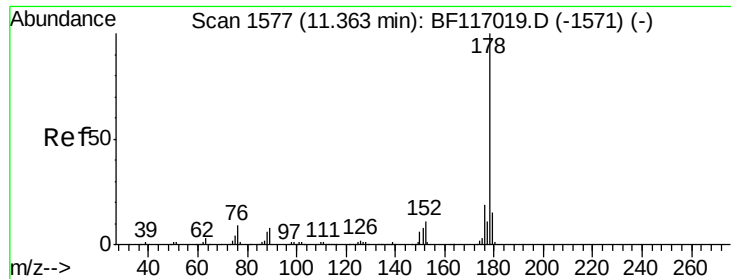
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





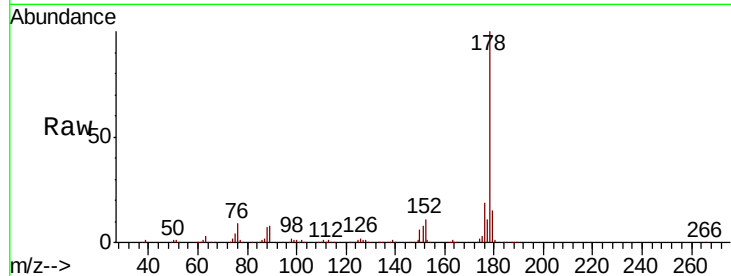
#71
Phenanthrene
Concen: 42.390 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.5	12.4	18.6

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

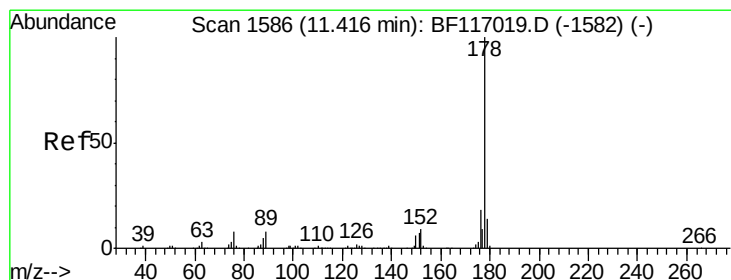
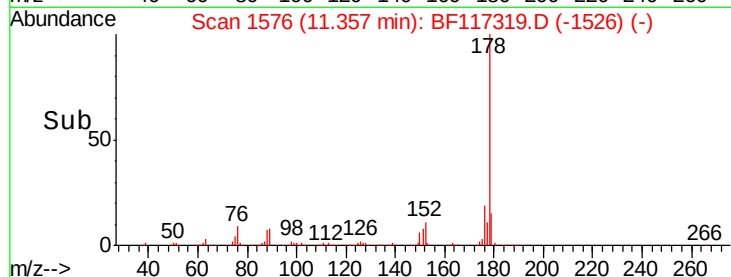
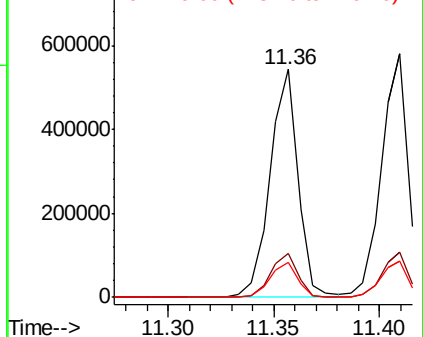


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 43.927 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

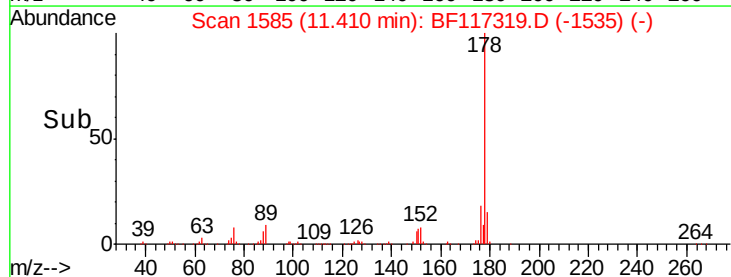
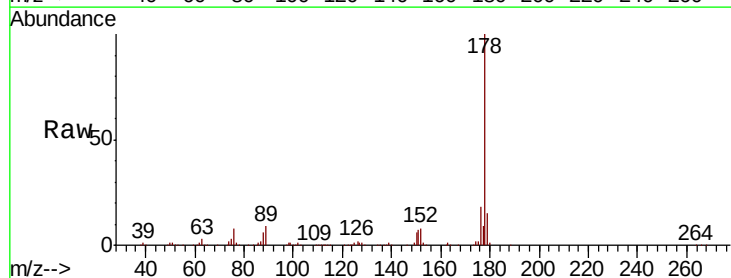
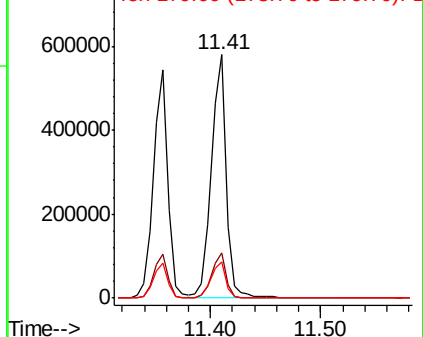
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	14.8	11.6	17.4

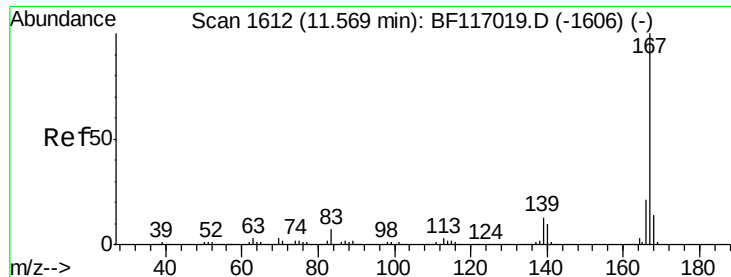
Abundance

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





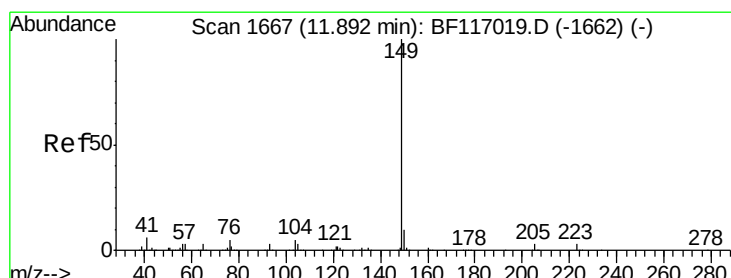
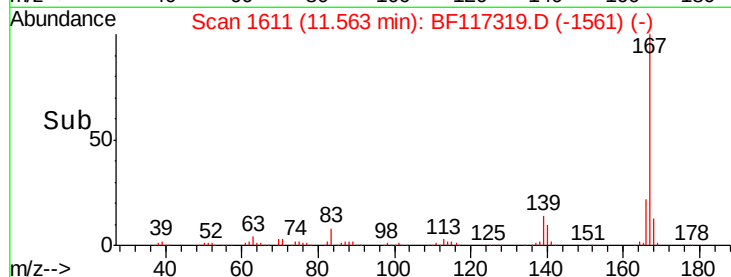
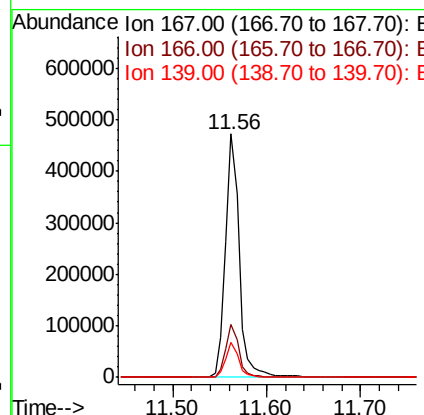
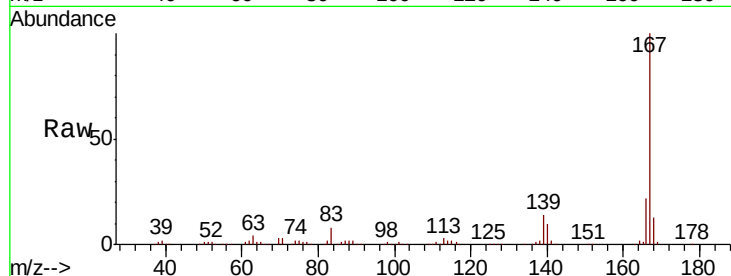
#73
 Carbazole
 Concen: 42.729 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	14.2	10.6	16.0

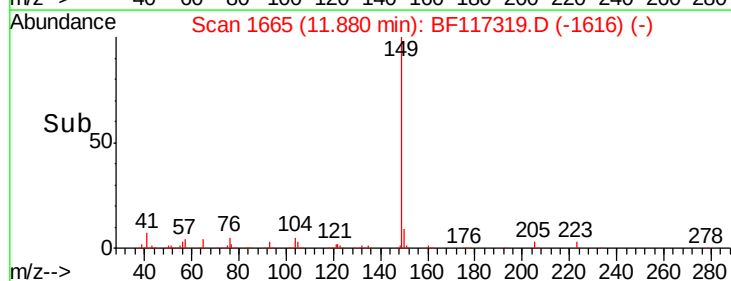
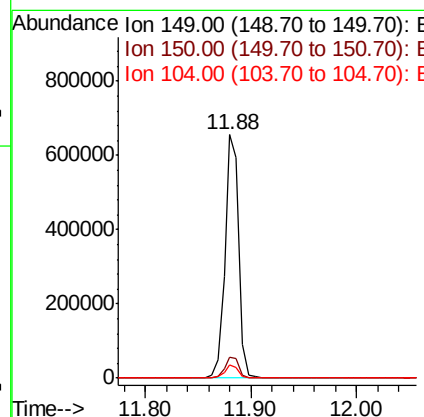
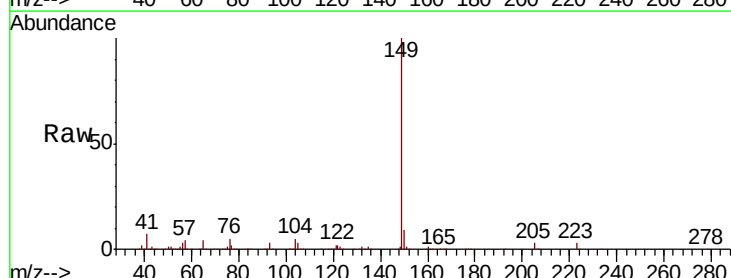
Manual Integrations
 APPROVED

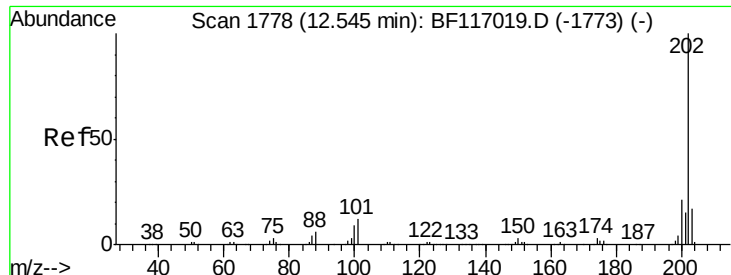
mohammad
 10/7/2019 8:25:44 AM



#74
 Di-n-butylphthalate
 Concen: 44.067 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 42.813 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Instrument :

BNA_F

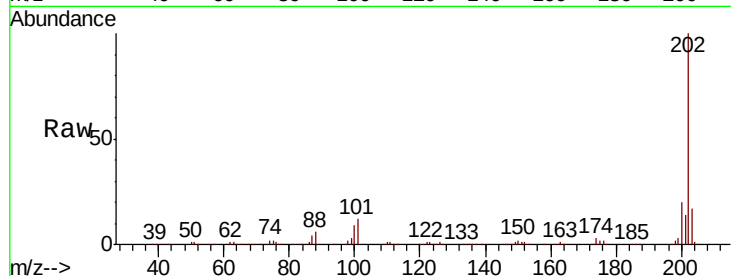
ClientSampleId :

PB123594BS

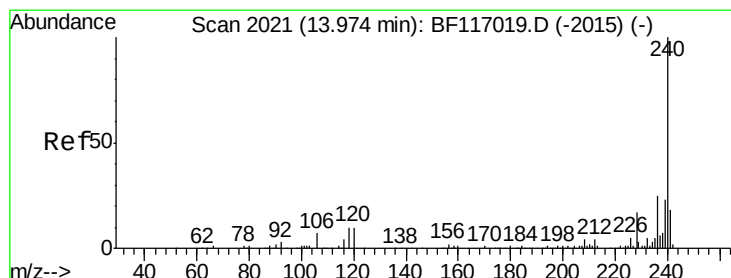
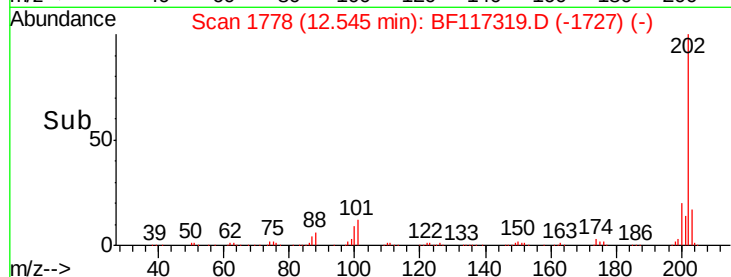
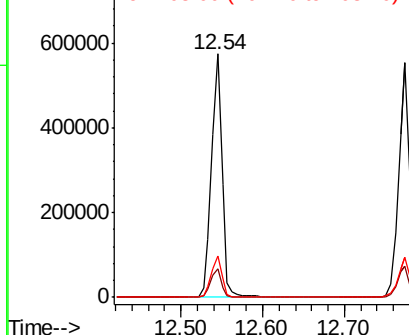
Tot Ion:	202	Resp:	518789
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	32.3
203	17.0	0.0	37.1

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

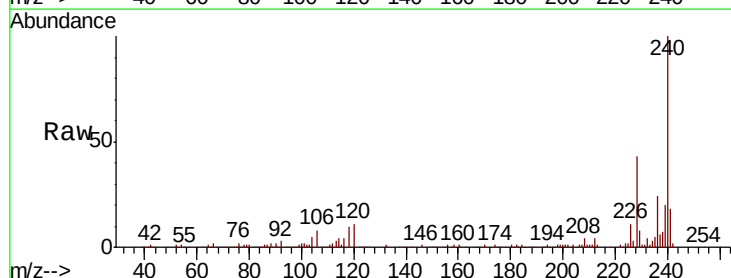
RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

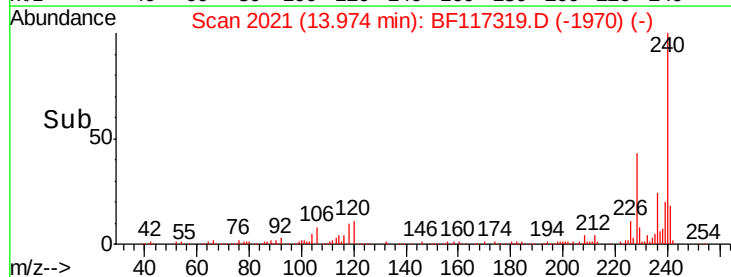
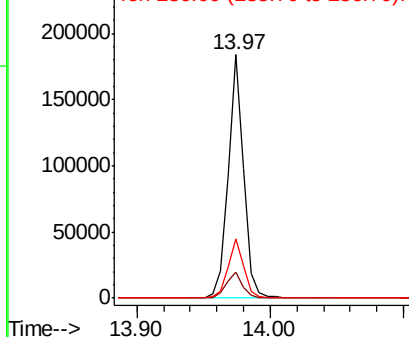
Lab File: BF117319.D

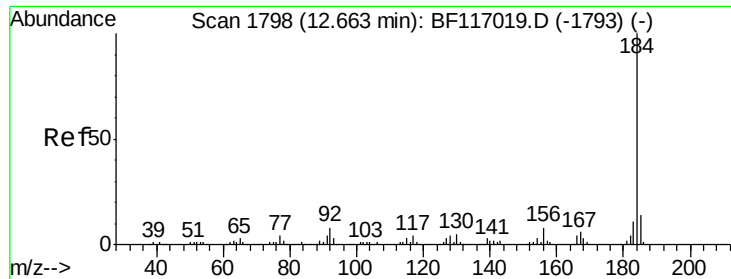
Acq: 3 Oct 2019 16:40

Tgt Ion:	240	Resp:	150994
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.3	12.5
236	24.1	20.3	30.5



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





#77

Benzidine

Concen: 24.492 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

Instrument :

BNA_F

ClientSampleId :

PB123594BS

Tot Ion:184 Resp: 119128

Ion Ratio Lower Upper

184 100

185 13.6 11.6 17.4

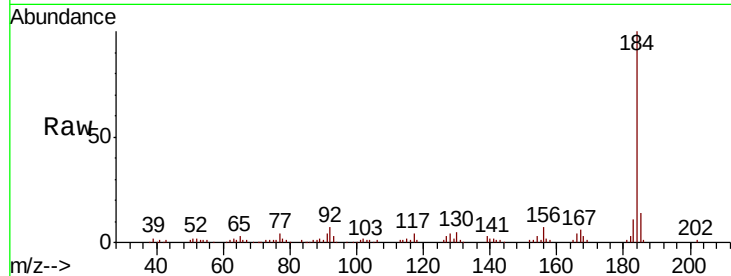
183 11.1 9.0 13.4

Manual Integrations

APPROVED

mohammad

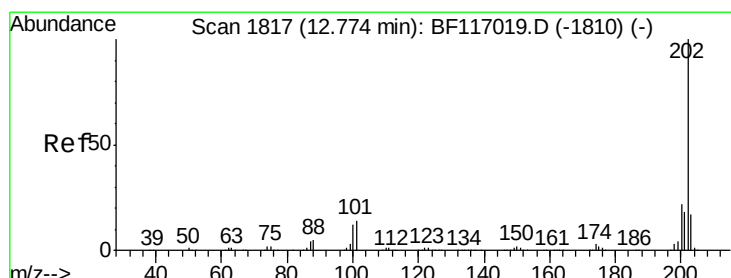
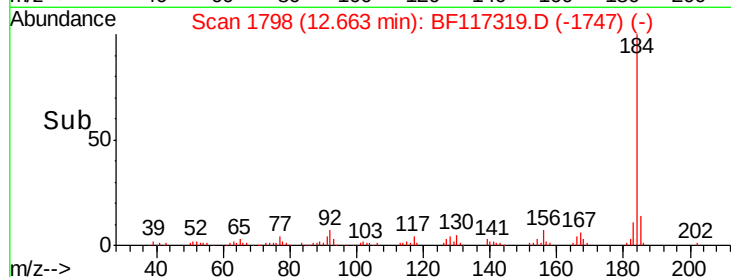
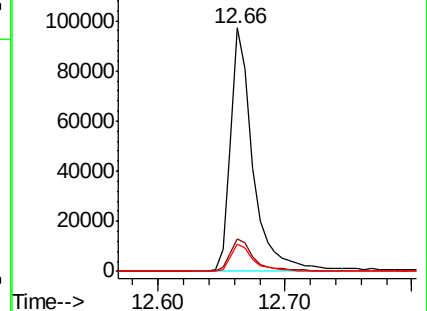
10/7/2019 8:25:44 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.733 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117319.D

Acq: 3 Oct 2019 16:40

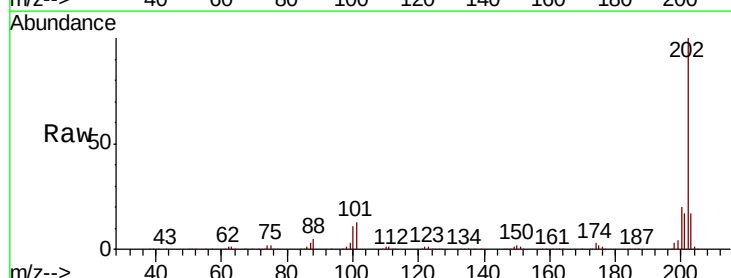
Tgt Ion:202 Resp: 528735

Ion Ratio Lower Upper

202 100

200 20.1 17.2 25.8

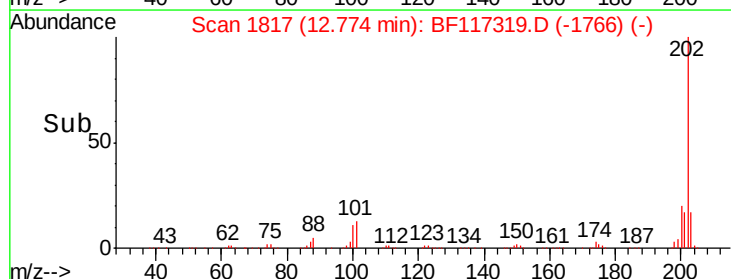
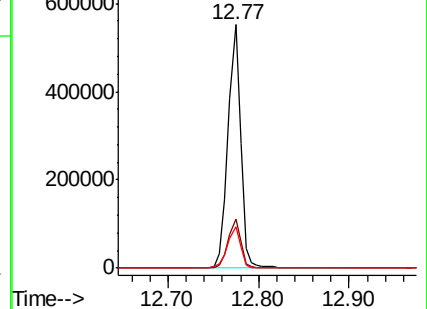
203 17.2 14.0 21.0

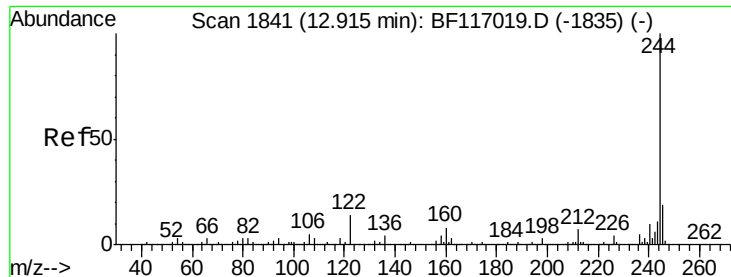


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





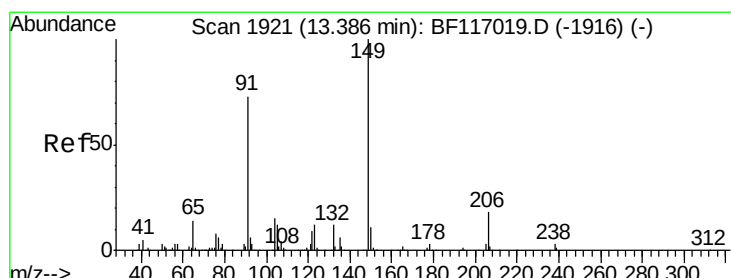
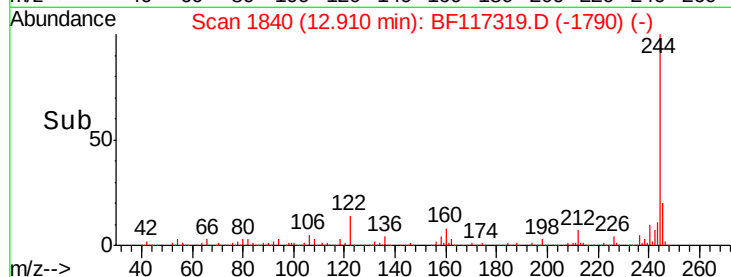
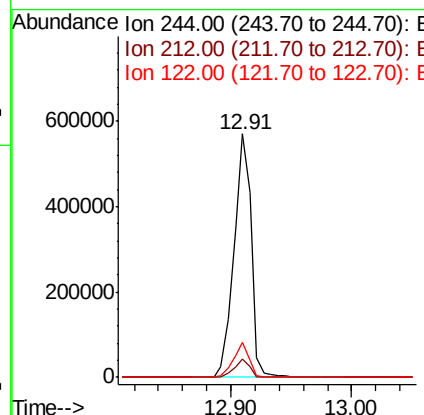
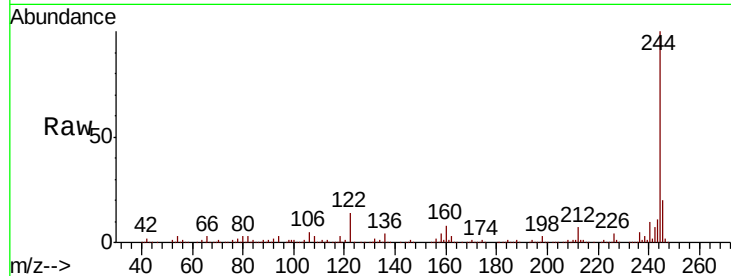
#79
 Terphenyl-d14
 Concen: 69.842 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	5.8	8.8	
122	14.1	11.3	16.9	

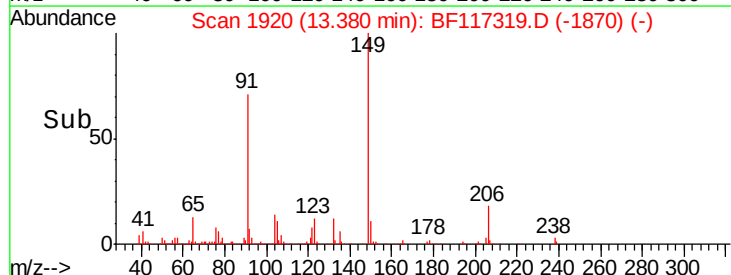
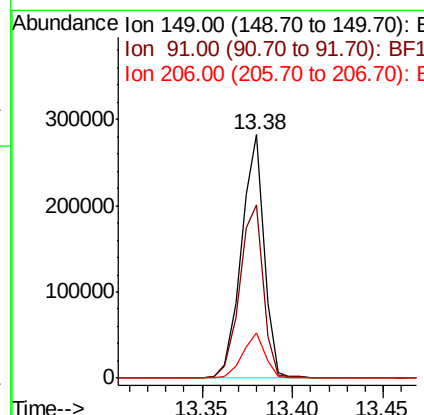
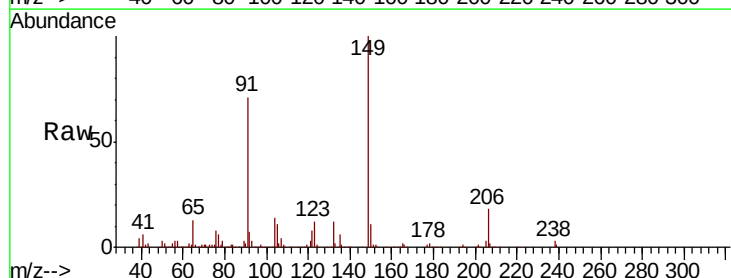
Manual Integrations
 APPROVED

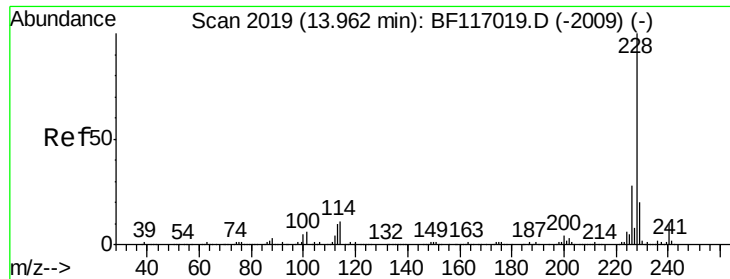
mohammad
 10/7/2019 8:25:44 AM



#80
 Butylbenzylphthalate
 Concen: 41.196 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	71.2	58.8	88.2	
206	18.4	14.1	21.1	





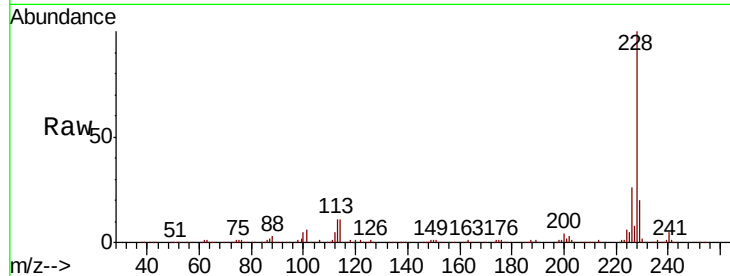
#81
Benzo(a)anthracene
Concen: 41.182 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.3	33.5
229	19.6	15.9	23.9

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

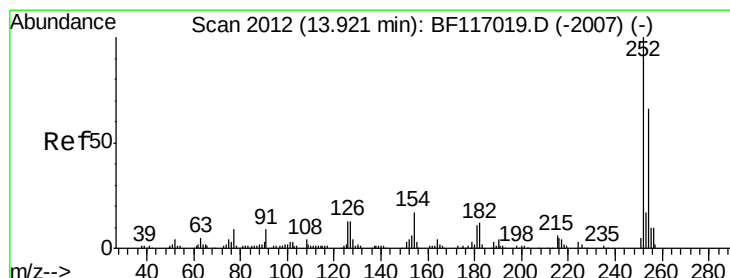
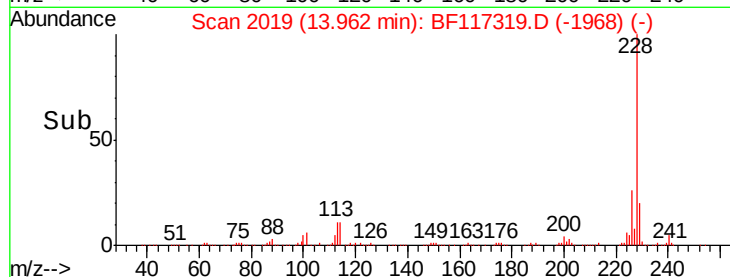
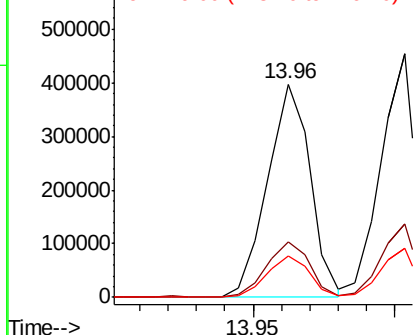


Abundance

Ion 228.00 (227.70 to 228.70): E

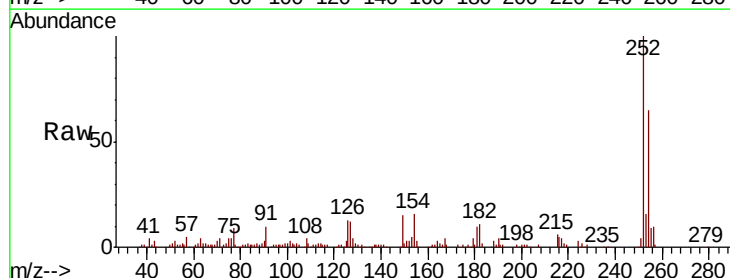
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 36.818 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.6	79.0
126	13.1	10.4	15.6

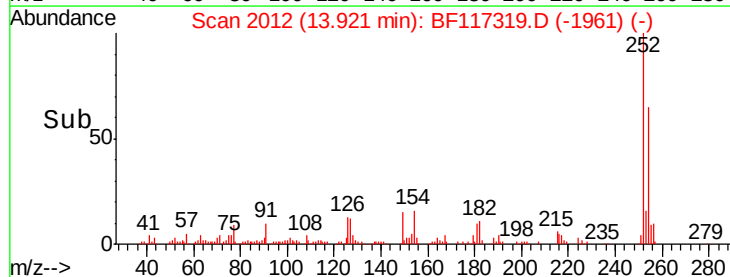
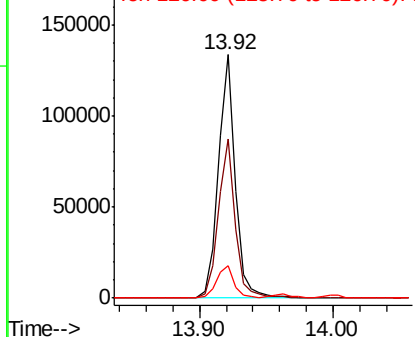


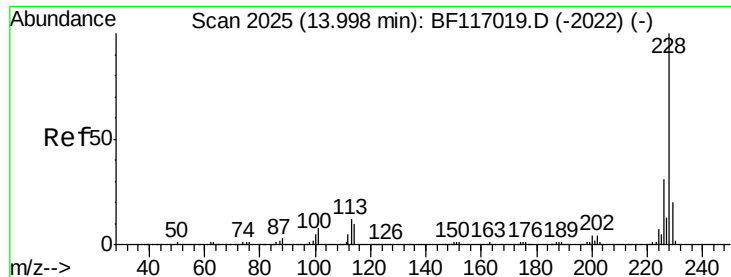
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





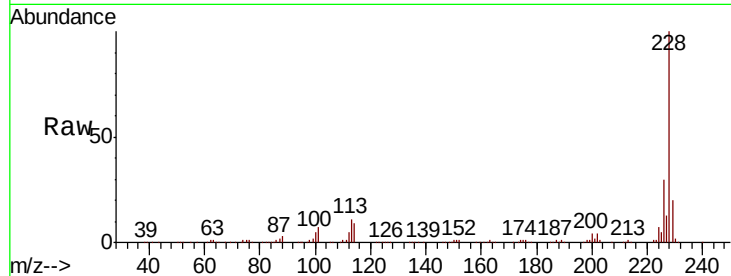
#83
Chrysene
Concen: 41.438 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	20.1	15.8	23.8

Manual Integrations
APPROVED

mohammad
10/7/2019 8:25:44 AM

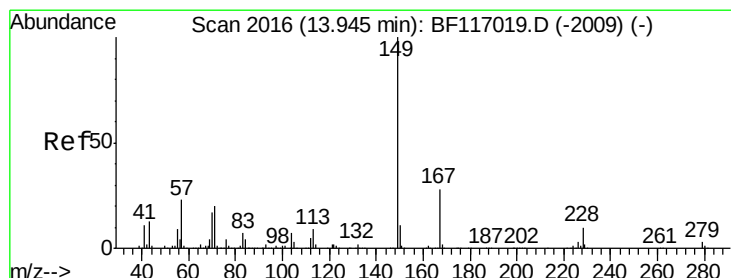
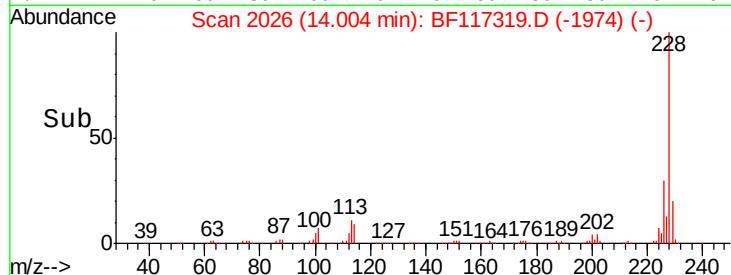
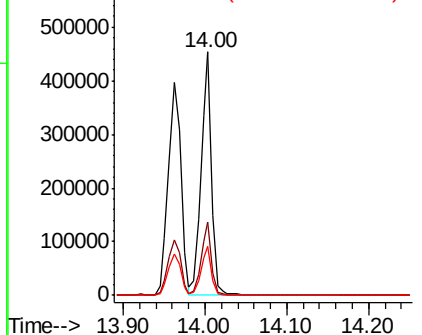


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.640 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

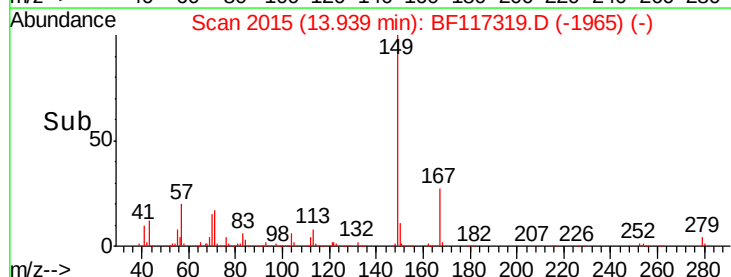
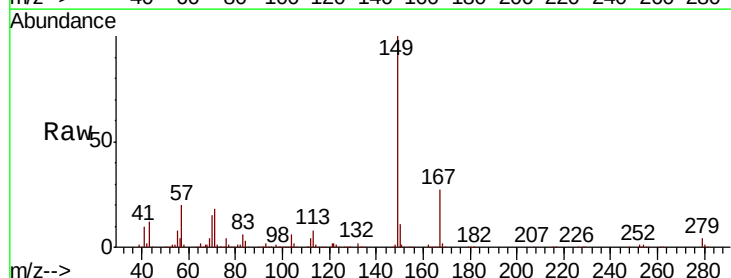
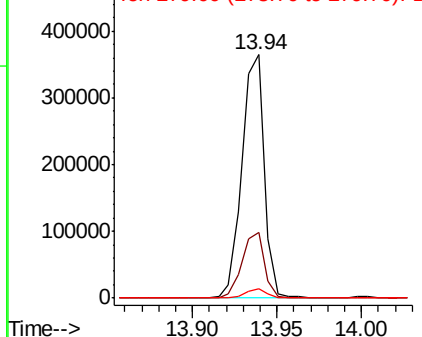
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.7	2.8	4.2

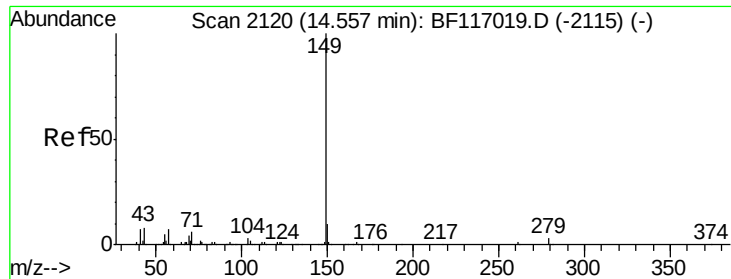
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





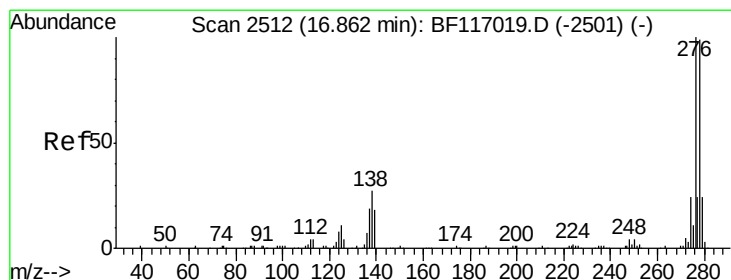
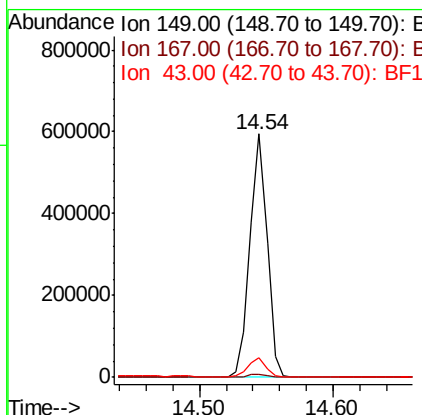
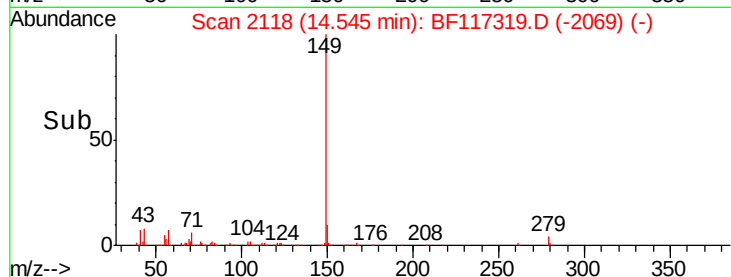
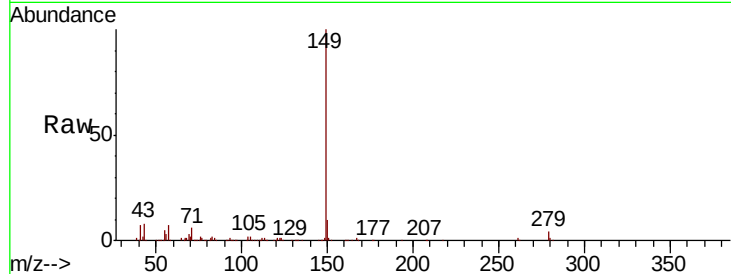
#85
Di-n-octyl phthalate
Concen: 43.296 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	1.4		1.2	1.8	
43	8.1		6.2	9.4	

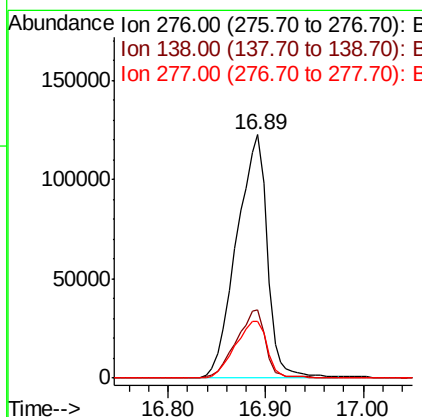
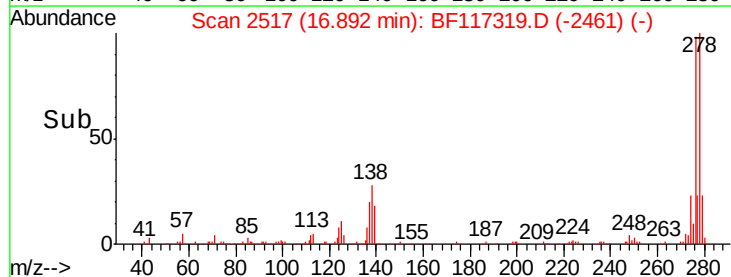
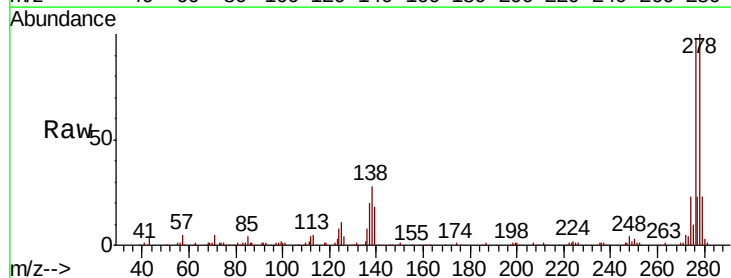
Manual Integrations
APPROVED

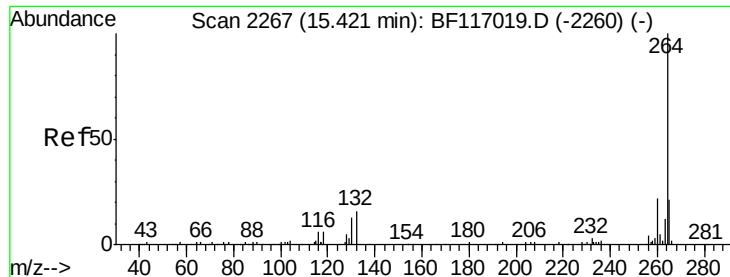
mohammad
10/7/2019 8:25:44 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.358 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	26.7		20.7	31.1	
277	24.5		19.8	29.8	





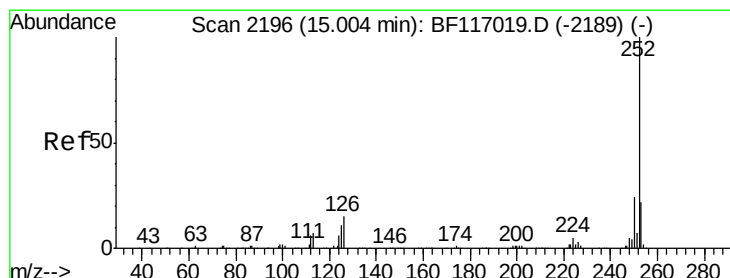
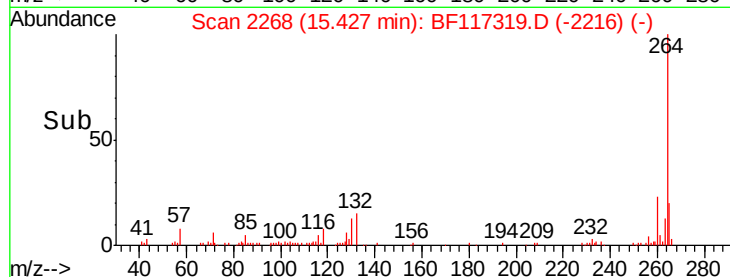
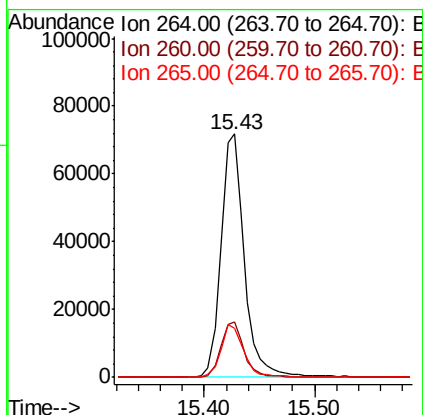
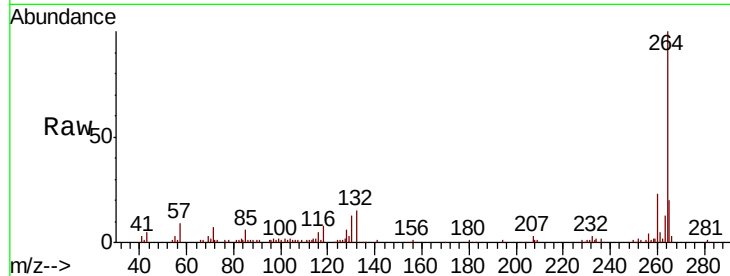
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.6	26.4
265	20.3	16.6	24.8

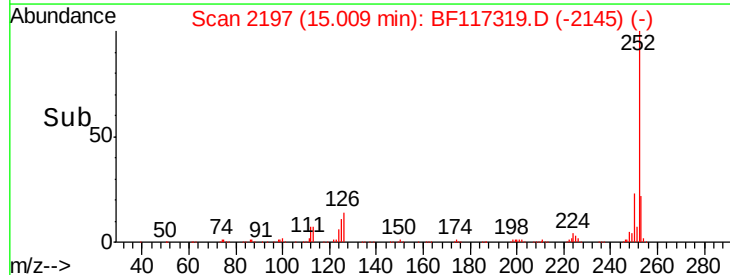
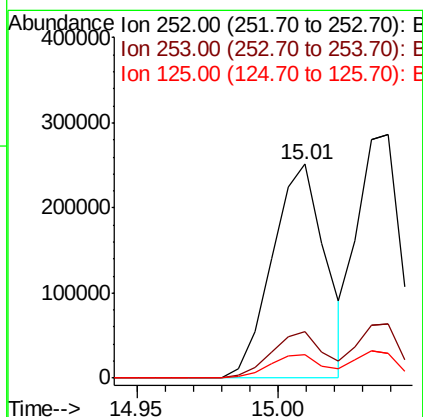
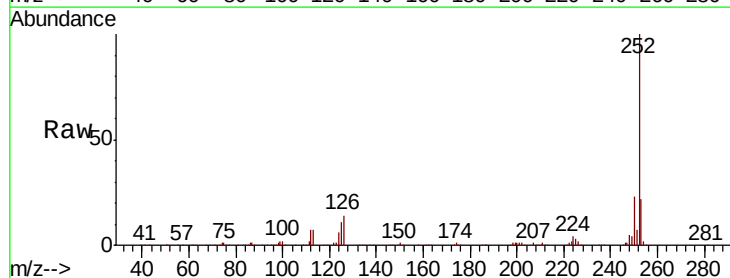
Manual Integrations
APPROVED

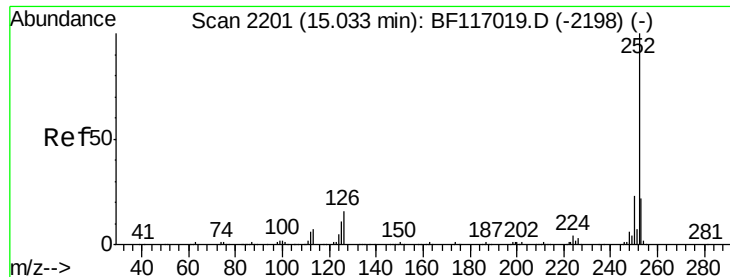
mohammad
10/7/2019 8:25:44 AM



#88
Benzo(b)fluoranthene
Concen: 51.159 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.9	8.6	12.8





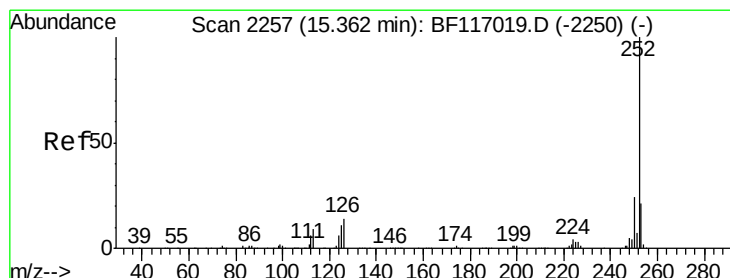
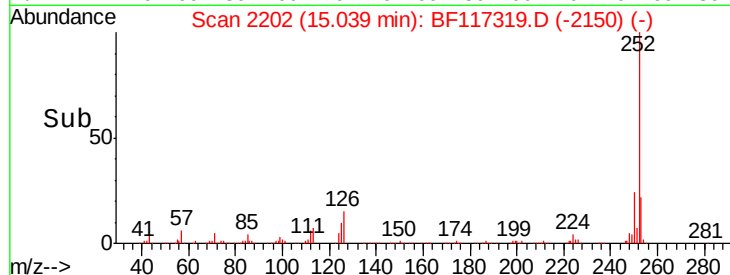
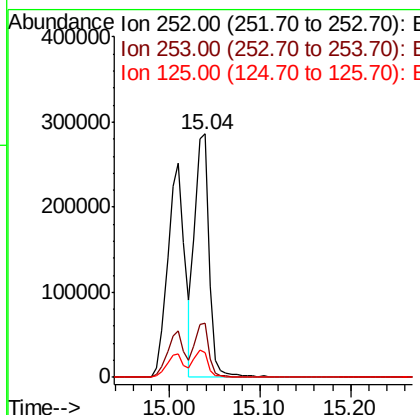
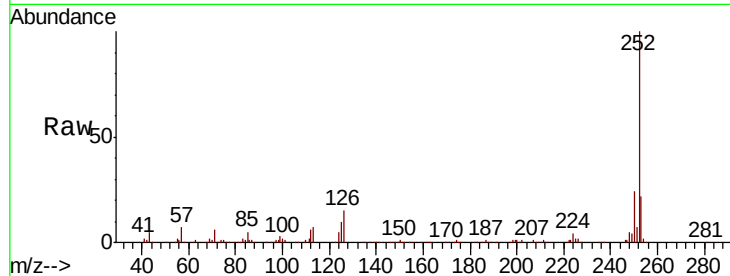
#89
Benzo(k)fluoranthene
Concen: 51.769 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Instrument :
BNA_F
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	314812		
253	22.3		17.4	26.2
125	10.1		8.8	13.2

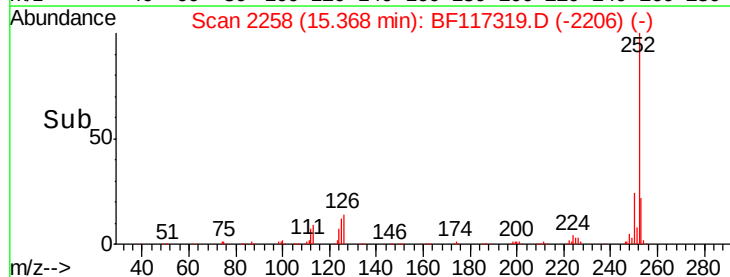
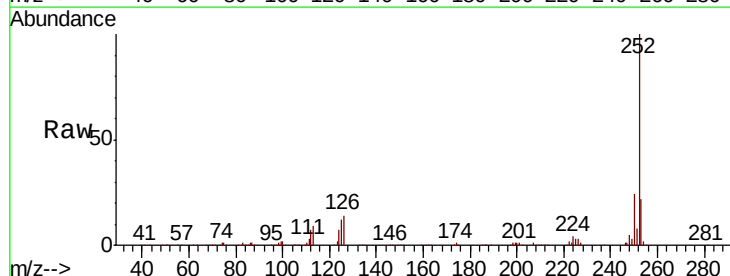
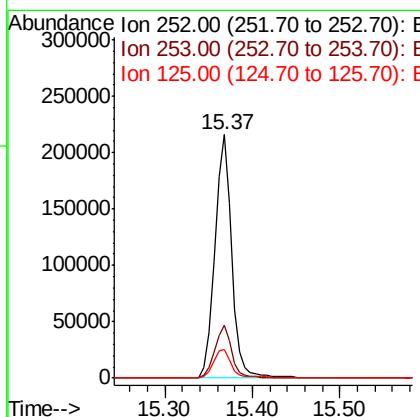
Manual Integrations
APPROVED

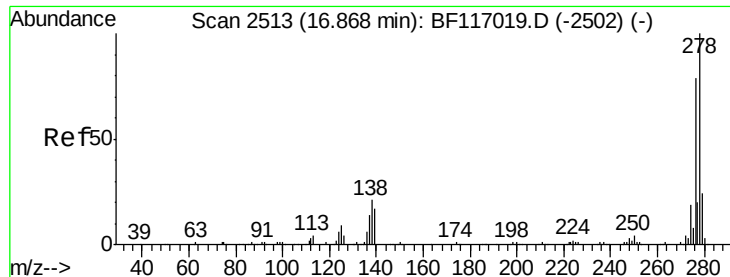
mohammad
10/7/2019 8:25:44 AM



#90
Benzo(a)pyrene
Concen: 51.625 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117319.D
Acq: 3 Oct 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	290819		
253	21.6		16.6	25.0
125	11.9		8.9	13.3





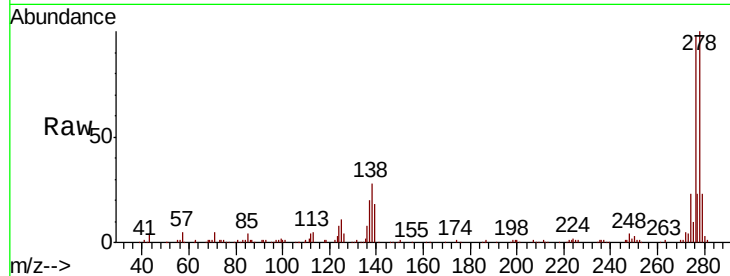
#91
 Dibenzo(a,h)anthracene
 Concen: 50.670 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.02 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.5	20.3
279	23.0	18.8	28.2

Manual Integrations
 APPROVED

mohammad
 10/7/2019 8:25:44 AM

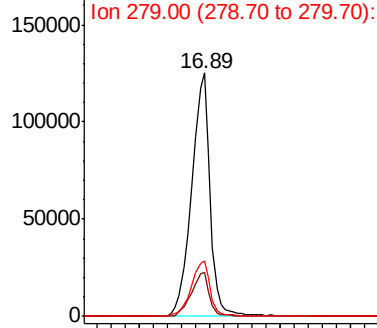


Abundance

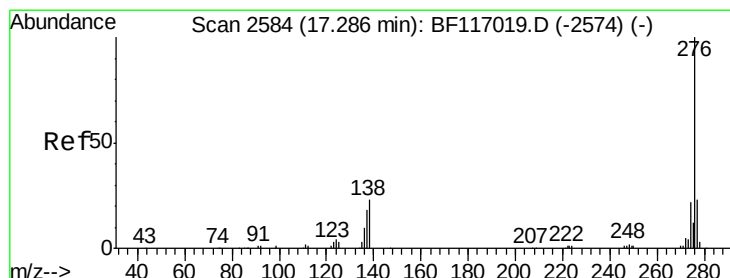
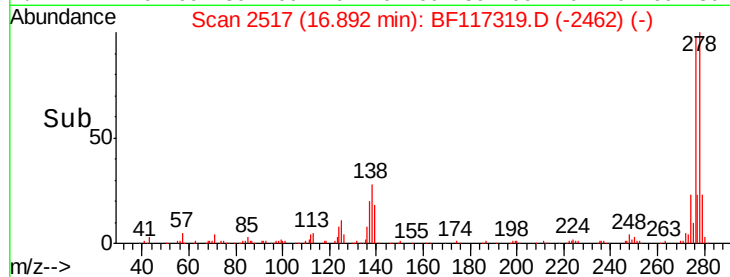
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92
 Benzo(g,h,i)perylene
 Concen: 49.107 ng
 RT: 17.32 min Scan# 2590
 Delta R.T. 0.04 min
 Lab File: BF117319.D
 Acq: 3 Oct 2019 16:40

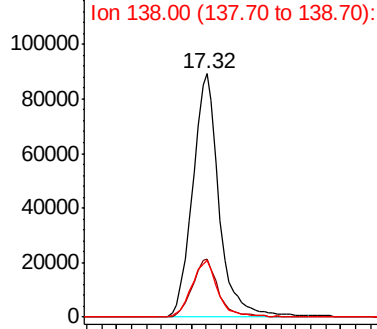
Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	23.2	18.0	27.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

