

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119846.D
 Acq On : 9 Apr 2020 1:38
 Operator : MA/SJ
 Sample : PB128073BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:20 AM

Quant Time: Apr 09 03:28:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149664	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	574202	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	333041	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	605270	20.00	ng	0.00
76) Chrysene-d12	13.94	240	473722	20.00	ng	0.00
87) Perylene-d12	15.37	264	430585	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1163689	134.37	ng	0.01
7) Phenol-d6	6.40	99	1388690	124.44	ng	0.00
23) Nitrobenzene-d5	7.33	82	878368	79.14	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	442033	108.41	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1713951	73.07	ng	0.00
79) Terphenyl-d14	12.89	244	2101633	74.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	152821	39.619	ng	99
3) Pyridine	3.25	79	435935	41.192	ng	97
4) n-Nitrosodimethylamine	3.20	42	250222	46.276	ng	95
6) Aniline	6.43	93	468123	31.962	ng	99
8) 2-Chlorophenol	6.55	128	433029	44.752	ng	97
9) Benzaldehyde	6.31	77	170190	23.520	ng	96
10) Phenol	6.42	94	551984	43.601	ng	96
11) bis(2-Chloroethyl)ether	6.50	93	423498	43.325	ng	98
12) 1,3-Dichlorobenzene	6.70	146	438590	41.402	ng	98
13) 1,4-Dichlorobenzene	6.79	146	471275	43.672	ng	98
14) 1,2-Dichlorobenzene	6.94	146	419493	42.181	ng	96
15) Benzyl Alcohol	6.91	79	358303m	41.340	ng	
16) 2,2'-oxybis(1-Chloropropan	7.05	45	780937	41.056	ng	100
17) 2-Methylphenol	7.03	107	383129	44.368	ng	99
18) Hexachloroethane	7.28	117	169916	42.132	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	299004	41.668	ng	99
20) 3+4-Methylphenols	7.18	107	440025	41.664	ng	95
22) Acetophenone	7.18	105	573458	42.649	ng	96
24) Nitrobenzene	7.35	77	496417	44.460	ng	98
25) Isophorone	7.59	82	856800	40.045	ng	98
26) 2-Nitrophenol	7.67	139	258608	46.360	ng	94
27) 2,4-Dimethylphenol	7.71	122	401879	47.769	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	538986	42.810	ng	100
29) 2,4-Dichlorophenol	7.91	162	370274	42.938	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	383830	39.282	ng	99
31) Naphthalene	8.07	128	1217934	40.315	ng	99
32) Benzoic acid	7.84	122	305197	41.306	ng	98
33) 4-Chloroaniline	8.12	127	278629	21.186	ng	97
34) Hexachlorobutadiene	8.19	225	220664	37.726	ng	97
35) Caprolactam	8.49	113	111426m	42.240	ng	
36) 4-Chloro-3-methylphenol	8.61	107	436920	46.797	ng	98
37) 2-Methylnaphthalene	8.77	142	830867	40.566	ng	99
38) 1-Methylnaphthalene	8.87	142	831052	43.049	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	378021	35.937	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119846.D
 Acq On : 9 Apr 2020 1:38
 Operator : MA/SJ
 Sample : PB128073BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:20 AM

Quant Time: Apr 09 03:28:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	476408	79.648	nq	100
43) 2,4,6-Trichlorophenol	9.05	196	267385	36.811	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	300942	36.785	nq	98
46) 1,1'-Biphenyl	9.23	154	1058770	37.665	nq	99
47) 2-Chloronaphthalene	9.26	162	814057	37.592	nq	97
48) 2-Nitroaniline	9.35	65	290028	36.958	nq	96
49) Acenaphthylene	9.67	152	1409216	42.790	nq	99
50) Dimethylphthalate	9.54	163	1048344	40.696	nq	99
51) 2,6-Dinitrotoluene	9.60	165	233528	41.398	nq	91
52) Acenaphthene	9.85	154	1011167m	46.028	nq	
53) 3-Nitroaniline	9.76	138	163318	25.350	nq	96
54) 2,4-Dinitrophenol	9.87	184	297462	88.077	nq	91
55) Dibenzofuran	10.02	168	1281818	42.520	nq	97
56) 4-Nitrophenol	9.93	139	404165	84.313	nq	97
57) 2,4-Dinitrotoluene	10.00	165	314535	42.321	nq	96
58) Fluorene	10.36	166	909834	37.738	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.13	232	271920	43.458	nq	99
60) Diethylphthalate	10.24	149	1002224	37.538	nq	99
61) 4-Chlorophenyl-phenylether	10.35	204	440326	35.634	nq	95
62) 4-Nitroaniline	10.38	138	234771	38.237	nq	98
63) Azobenzene	10.52	77	959327	40.094	nq	98
65) 4,6-Dinitro-2-methylphenol	10.41	198	167523	42.011	nq	77
66) n-Nitrosodiphenylamine	10.47	169	827089	41.088	nq	97
67) 4-Bromophenyl-phenylether	10.85	248	283914	37.719	nq	95
68) Hexachlorobenzene	10.91	284	305437	40.000	nq	97
69) Atrazine	11.00	200	253221	45.213	nq	98
70) Pentachlorophenol	11.10	266	358271	81.417	nq	99
71) Phenanthrene	11.32	178	1309080	40.638	nq	100
72) Anthracene	11.37	178	1385784	42.111	nq	99
73) Carbazole	11.53	167	1267893	40.742	nq	99
74) Di-n-butylphthalate	11.86	149	1602613	39.174	nq	100
75) Fluoranthene	12.51	202	1481614	42.627	nq	98
77) Benzidine	12.63	184	629141	39.289	nq	97
78) Pyrene	12.74	202	1527050	38.238	nq	99
80) Butylbenzylphthalate	13.36	149	700772	36.163	nq	100
81) Benzo(a)anthracene	13.93	228	1252170	40.179	nq	99
82) 3,3'-Dichlorobenzidine	13.89	252	344776	29.650	nq	96
83) Chrysene	13.97	228	1248546	39.429	nq	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	981170	37.389	nq	99
85) Di-n-octyl phthalate	14.54	149	1632157	36.529	nq	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	1077137	38.589	nq	99
88) Benzo(b)fluoranthene	14.96	252	1221337	39.429	nq	99
89) Benzo(k)fluoranthene	14.99	252	1212874	45.382	nq	99
90) Benzo(a)pyrene	15.32	252	1053086	40.435	nq	99
91) Dibenzo(a,h)anthracene	16.81	278	911794	39.524	nq	98
92) Benzo(g,h,i)perylene	17.22	276	828652	36.389	nq	97

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



#1

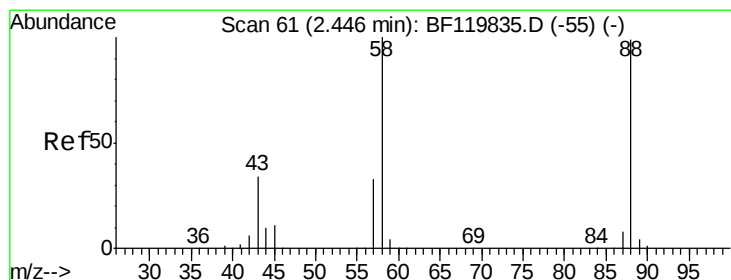
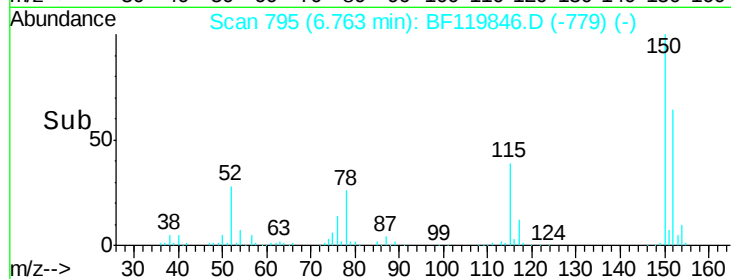
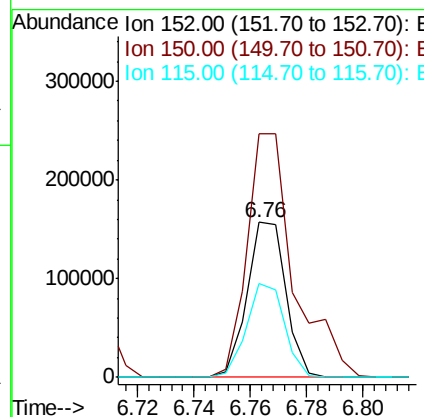
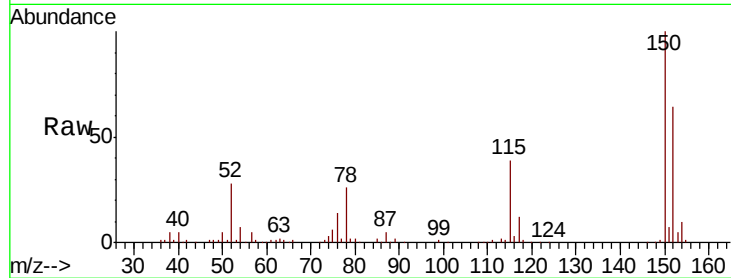
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.8	187.2
115	60.8	46.5	69.7

Manual Integrations
APPROVED

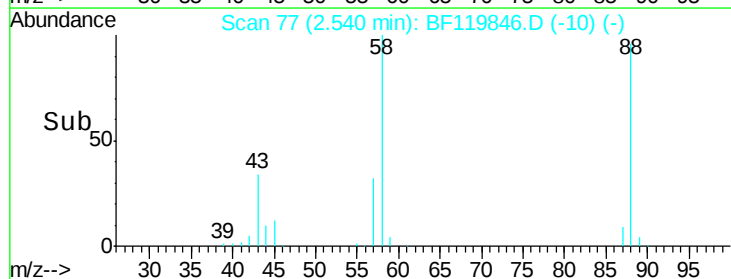
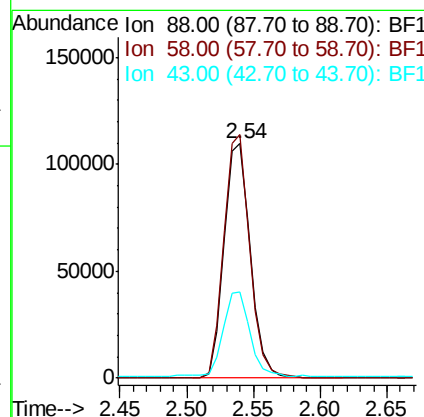
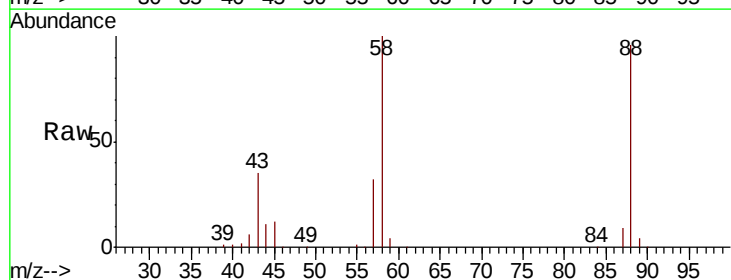
mohammad
4/10/2020 9:57:20 AM

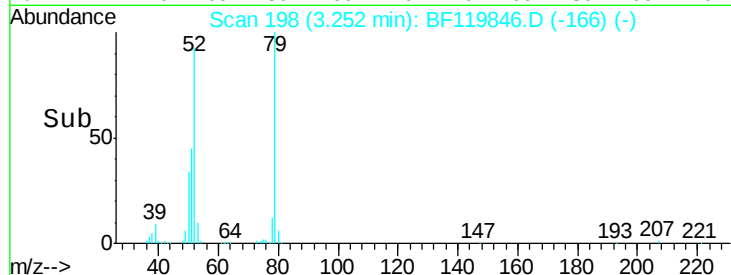
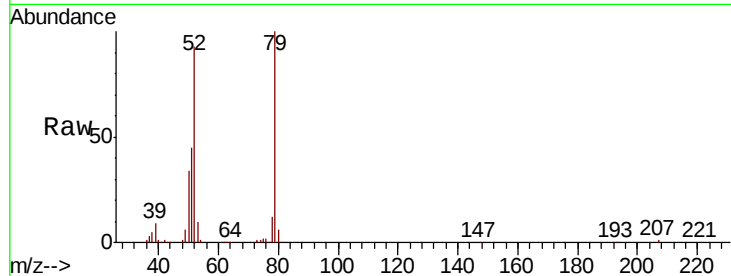
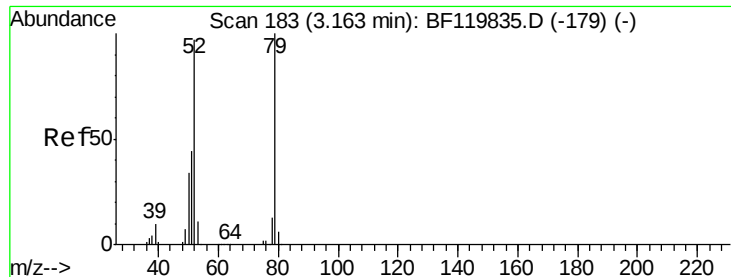


#2

1,4-Dioxane
Concen: 39.619 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.09 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.9	82.6	123.8
43	36.5	28.6	42.8





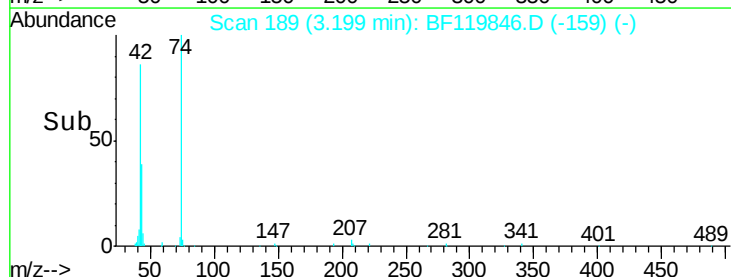
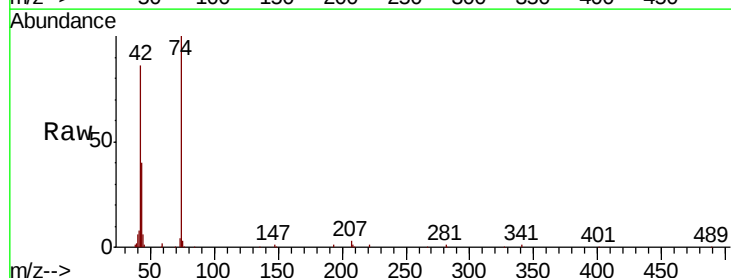
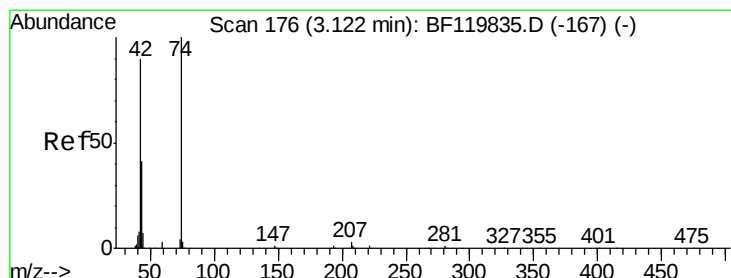
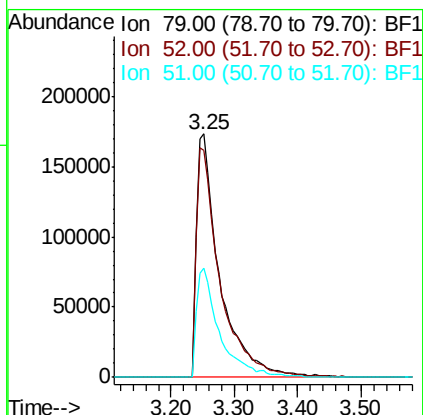
#3
 Pvridine
 Concen: 41.192 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.09 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.1	77.4	116.0
51	45.0	35.3	52.9

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

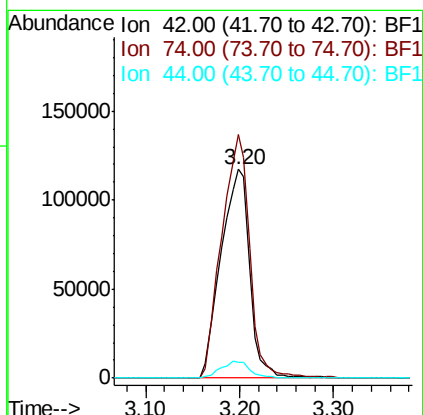
Manual Integrations
 APPROVED

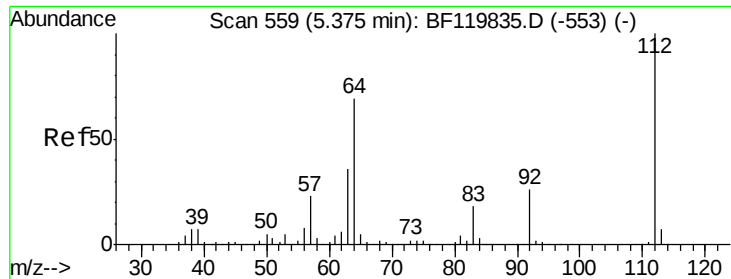
mohammad
 4/10/2020 9:57:20 AM



#4
 n-Nitrosodimethylamine
 Concen: 46.276 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.08 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.6	89.0	133.4
44	7.5	6.2	9.4





#5

2-Fluorophenol

Concen: 134.372 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

PB128073BSD

Tot Ion:112 Resp: 1163689

Ion Ratio Lower Upper

112 100

64 69.0 55.5 83.3

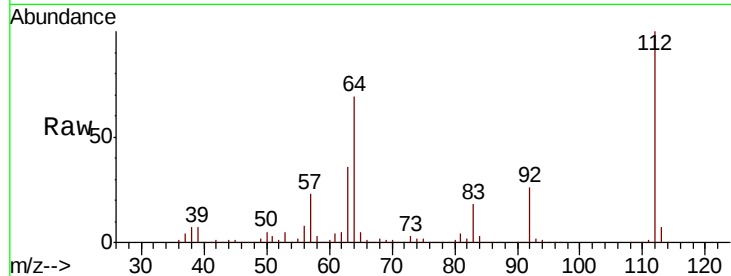
63 35.5 29.1 43.7

Manual Integrations

APPROVED

mohammad

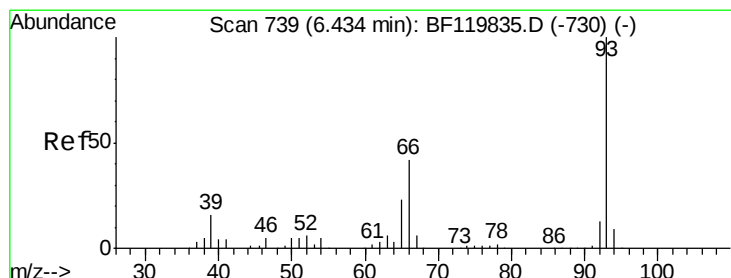
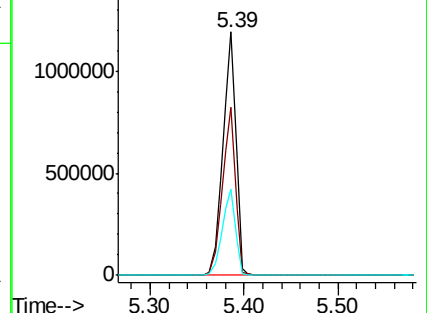
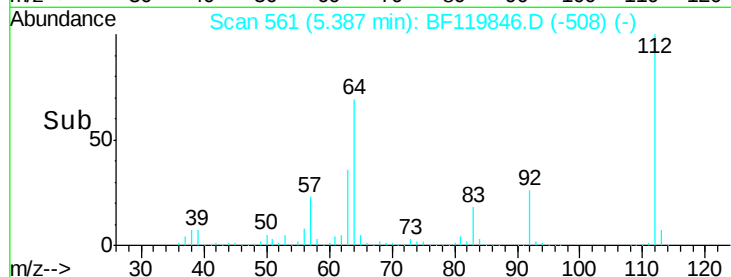
4/10/2020 9:57:20 AM



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: 31.962 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

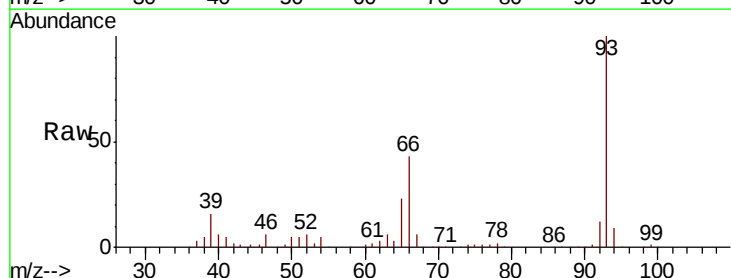
Tgt Ion: 93 Resp: 468123

Ion Ratio Lower Upper

93 100

66 43.5 34.2 51.2

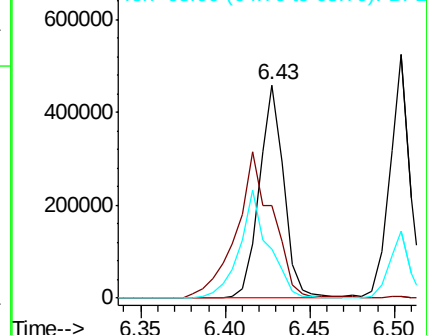
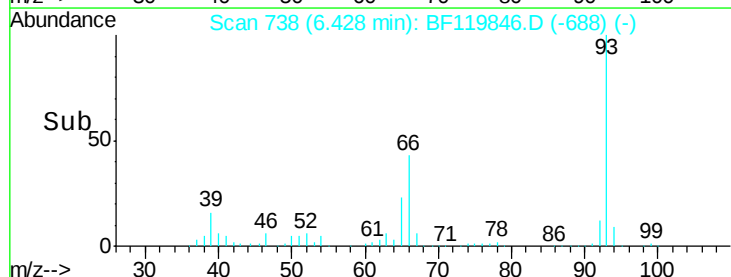
65 23.1 18.3 27.5



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: 124.445 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

PB128073BSD

Tot Ion: 99 Resp: 1388690

Ion Ratio Lower Upper

99 100

42 21.0 16.9 25.3

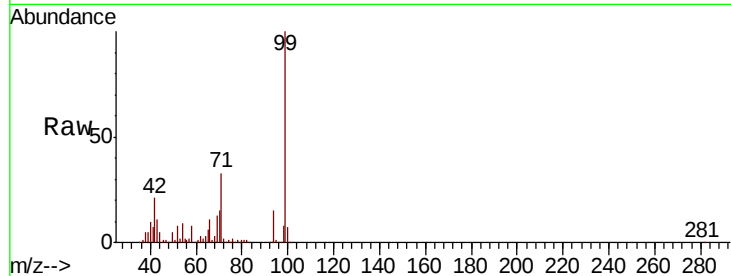
71 32.8 26.3 39.5

Manual Integrations

APPROVED

mohammad

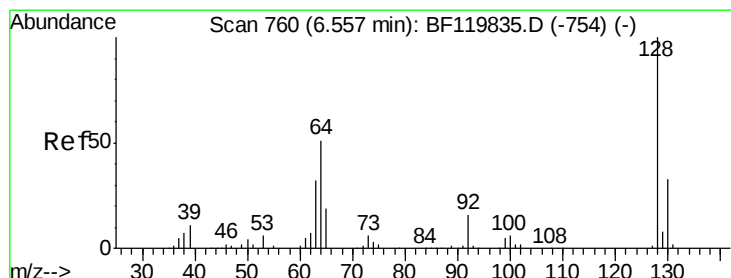
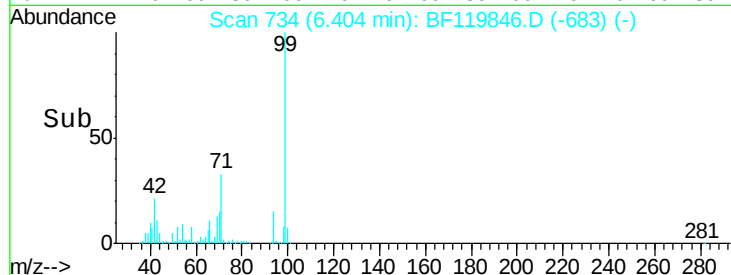
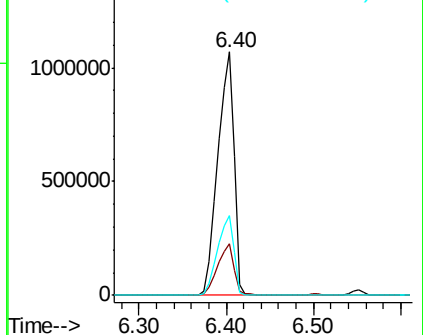
4/10/2020 9:57:20 AM



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: 44.752 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

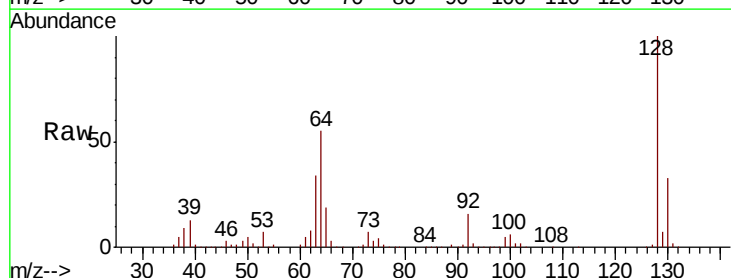
Tgt Ion: 128 Resp: 433029

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

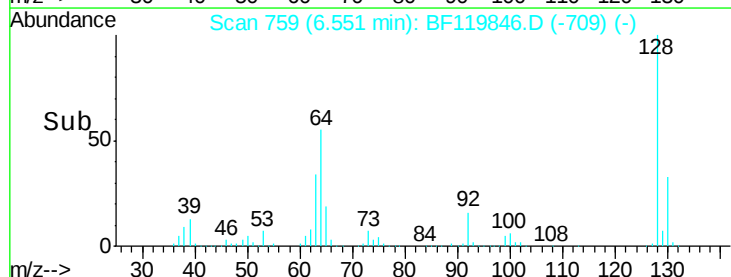
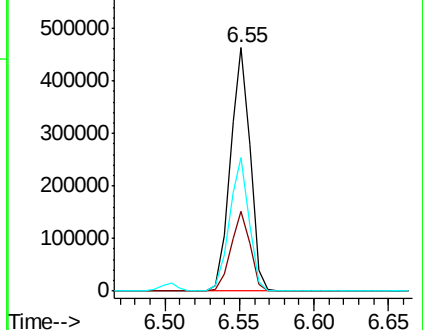
64 55.0 32.0 72.0

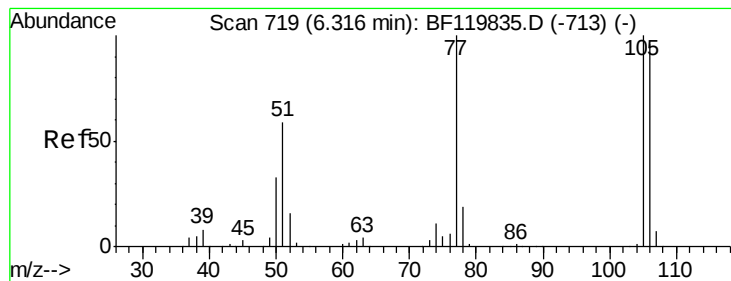


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.520 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

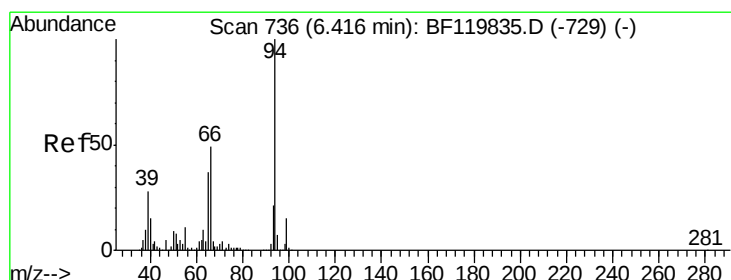
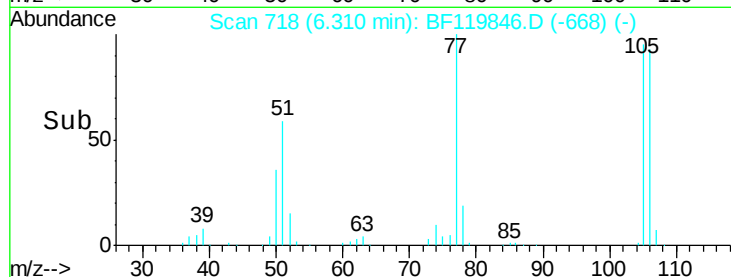
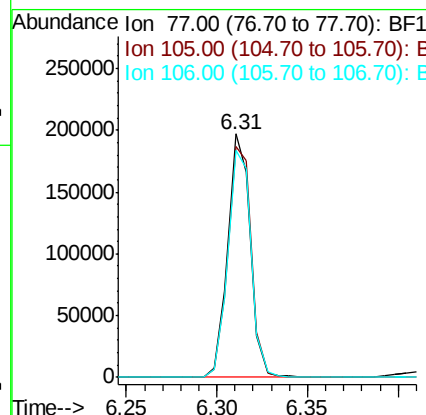
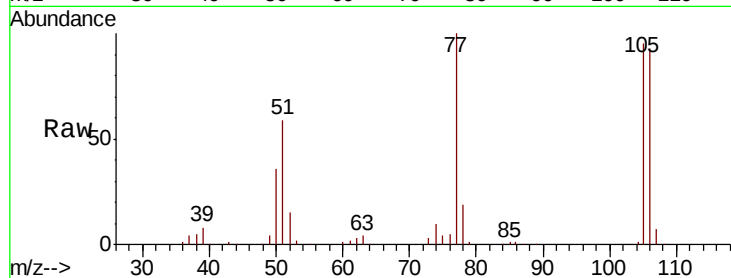
ClientSampled :

PB128073BSD

Tot Ion:	77	Resp:	170190
Ion	Ratio	Lower	Upper
77	100		
105	94.9	79.9	119.9
106	93.5	76.4	116.4

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM



#10

Phenol

Concen: 43.601 ng

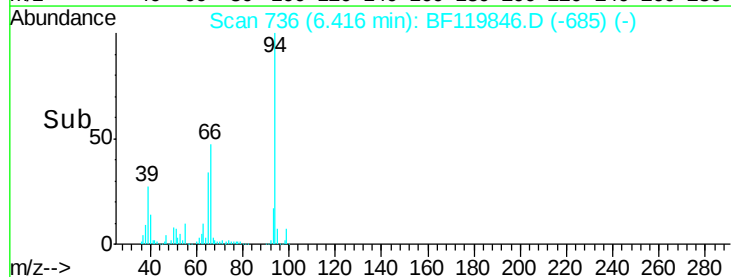
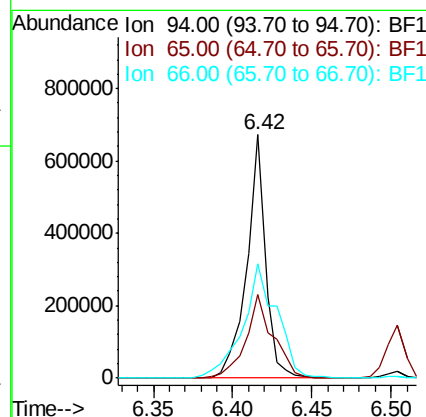
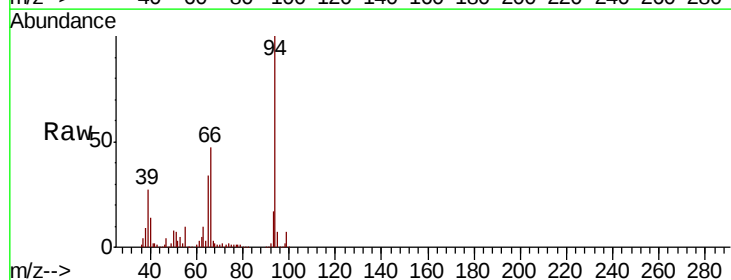
RT: 6.42 min Scan# 736

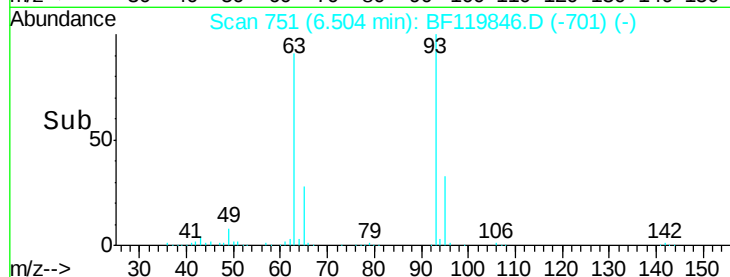
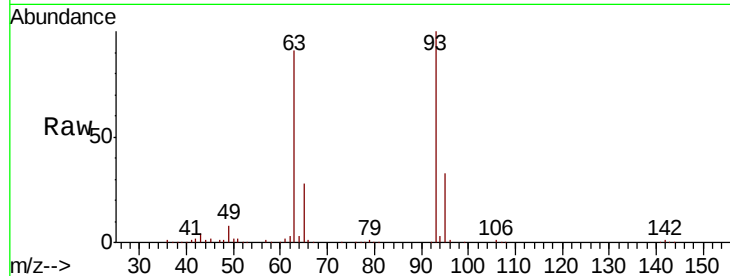
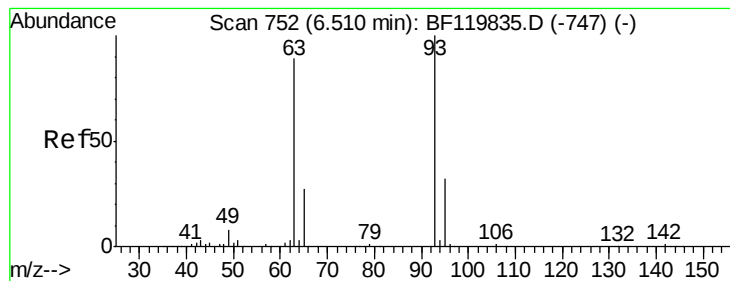
Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Tgt Ion:	94	Resp:	551984
Ion	Ratio	Lower	Upper
94	100		
65	34.5	16.6	56.6
66	46.7	29.3	69.3





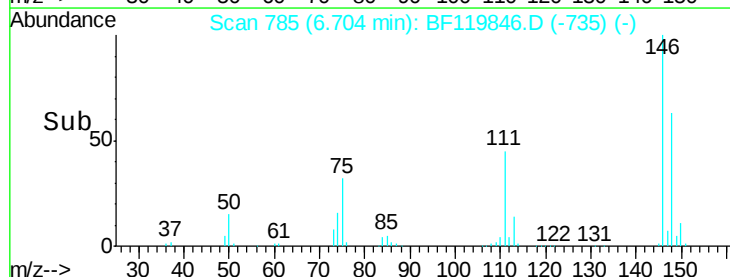
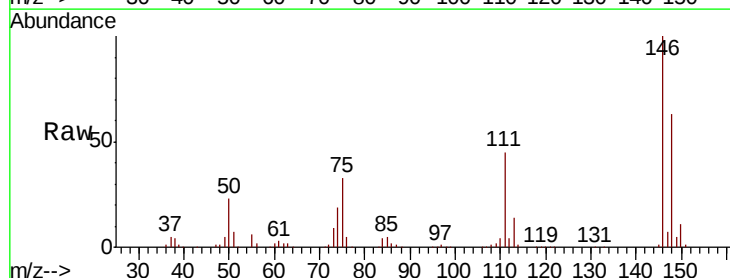
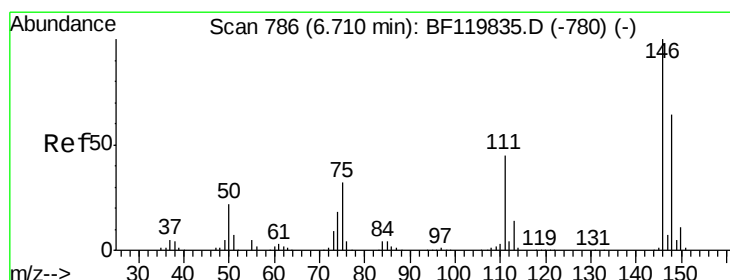
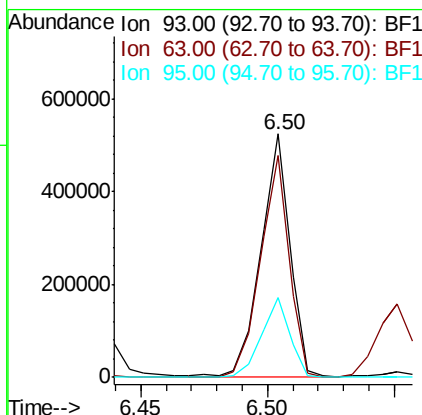
#11
bis(2-Chloroethyl)ether
Concen: 43.325 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.3	69.1	109.1
95	32.7	12.3	52.3

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

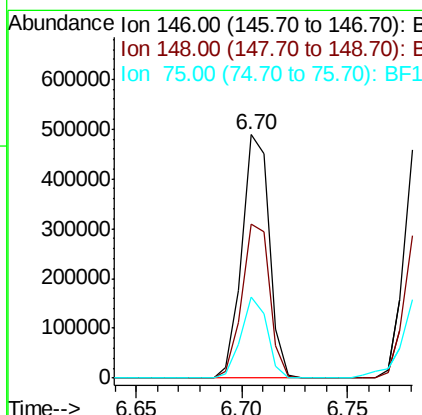
Manual Integrations
APPROVED

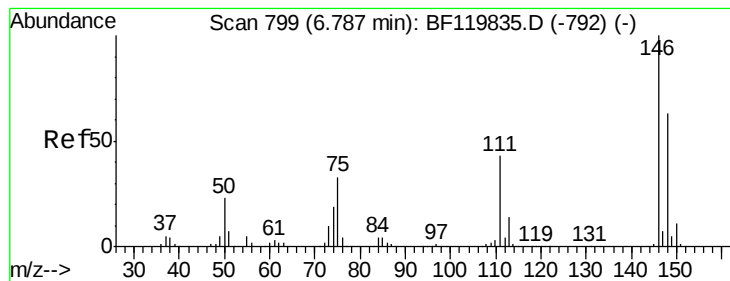
mohammad
4/10/2020 9:57:20 AM



#12
1,3-Dichlorobenzene
Concen: 41.402 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
75	33.2	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 43.672 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

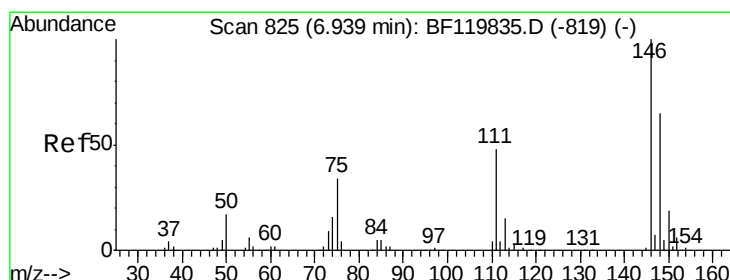
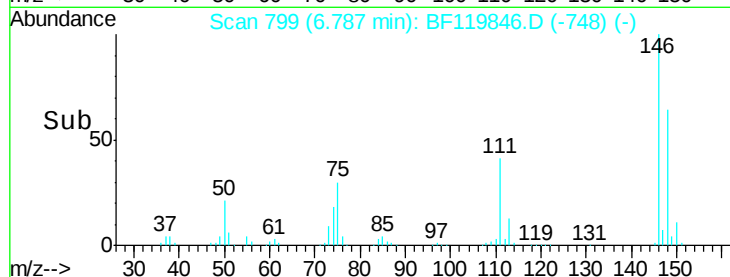
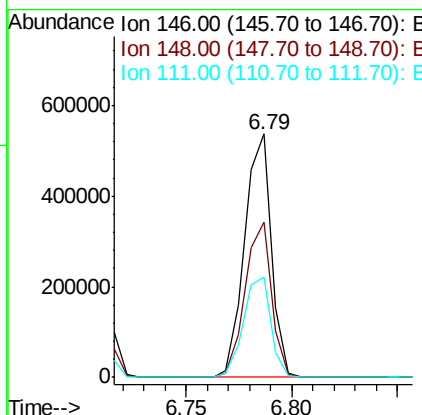
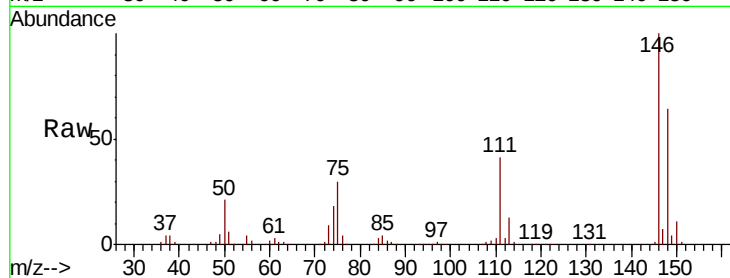
ClientSampleId :

PB128073BSD

Tot Ion:	146	Resp:	471275
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.5	75.7
111	41.0	34.7	52.1

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM



#14

1,2-Dichlorobenzene

Concen: 42.181 ng

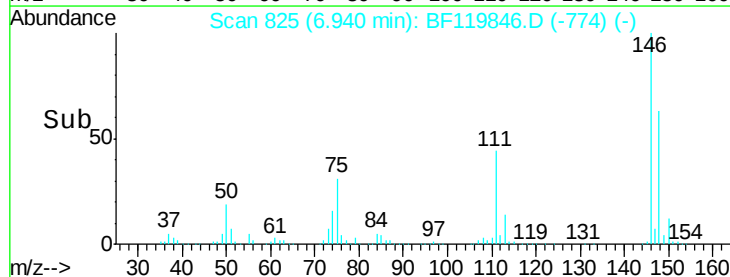
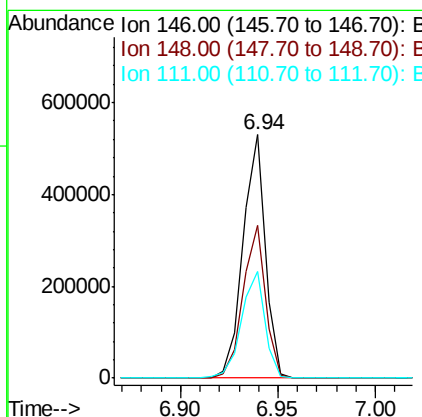
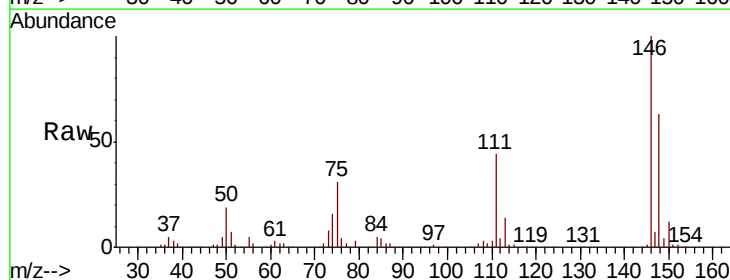
RT: 6.94 min Scan# 825

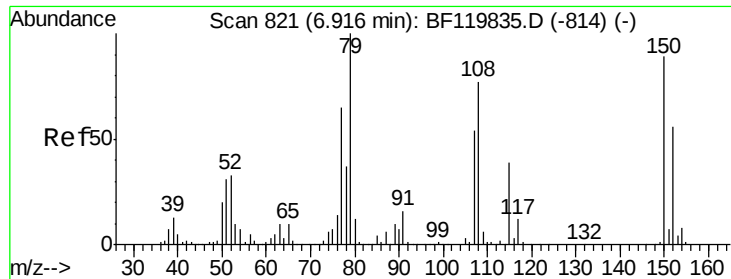
Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Tgt Ion:	146	Resp:	419493
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.8
111	43.9	38.0	57.0





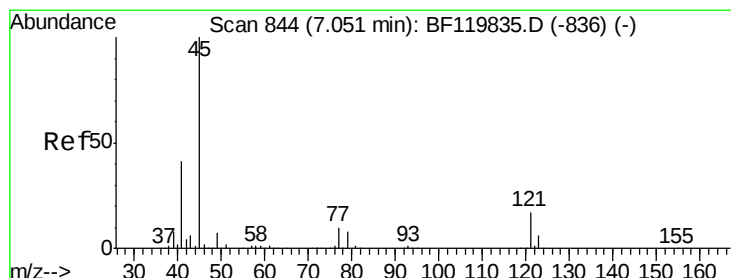
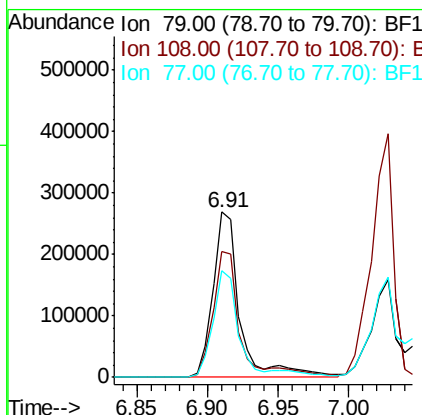
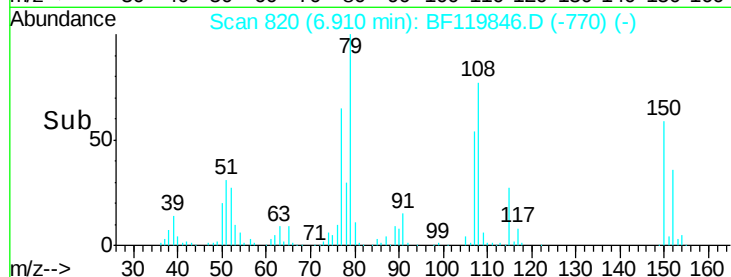
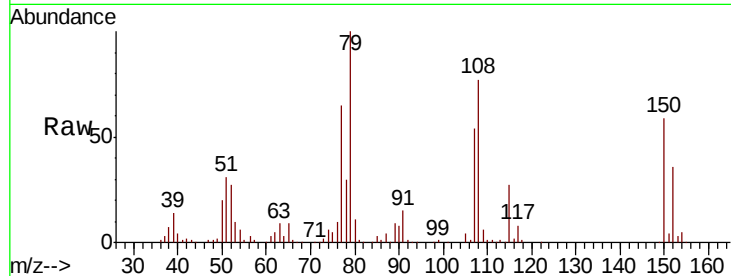
#15
Benzvl Alcohol
Concen: 41.340 ng m
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion: 79 Resp: 358303
Ion Ratio Lower Upper
79 100
108 76.6 62.0 93.0
77 64.7 51.8 77.6

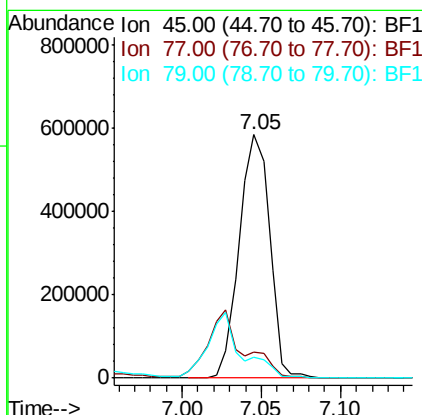
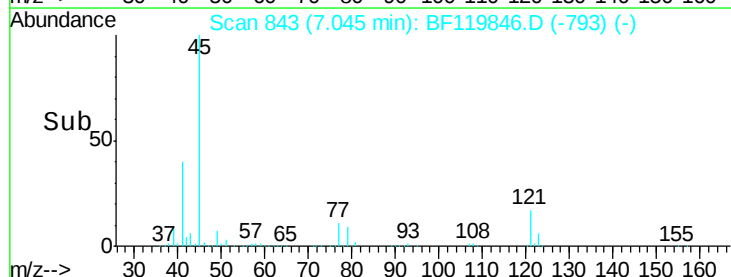
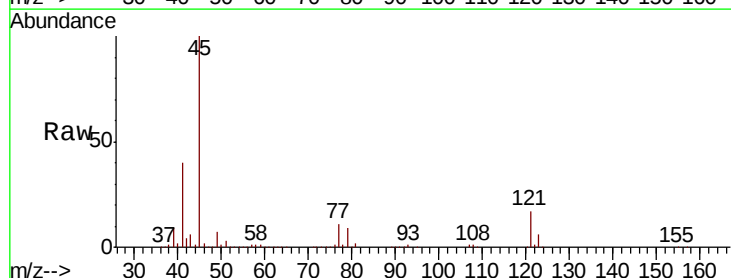
Manual Integrations
APPROVED

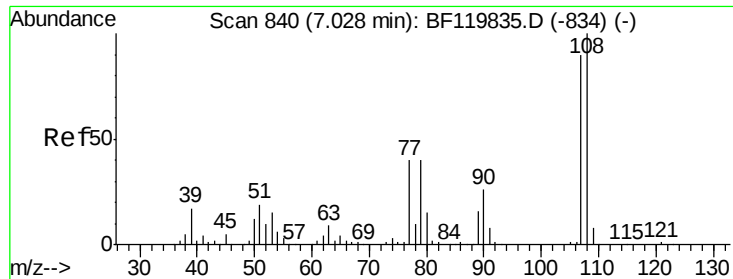
mohammad
4/10/2020 9:57:20 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.056 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion: 45 Resp: 780937
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.7
79 8.6 0.0 28.6





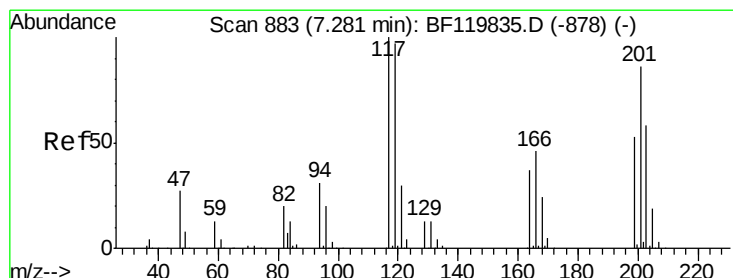
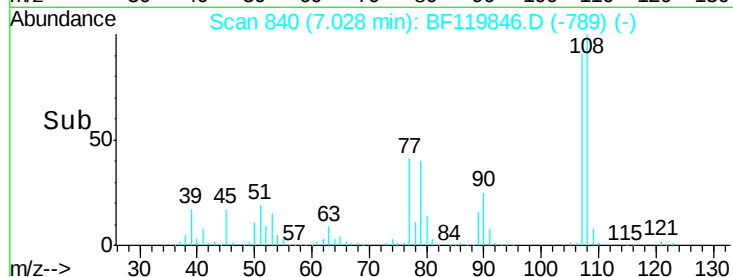
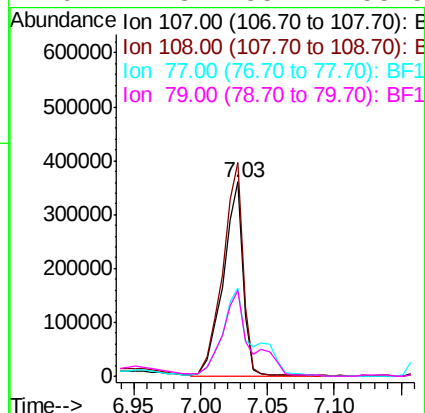
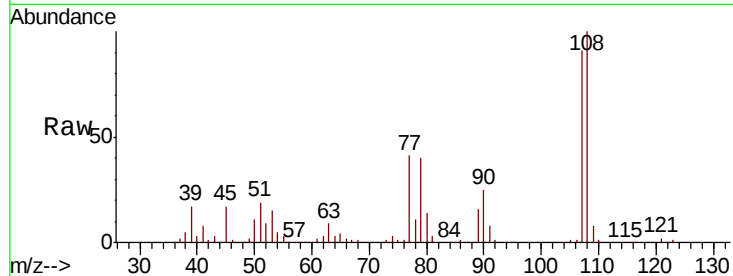
#17
2-Methylphenol
Concen: 44.368 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	107	Resp	383129
Ion Ratio	Lower	Upper	
107	100		
108	110.0	88.8	133.2
77	45.6	36.0	54.0
79	44.3	35.7	53.5

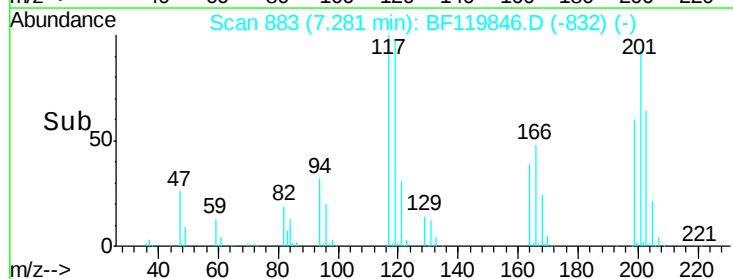
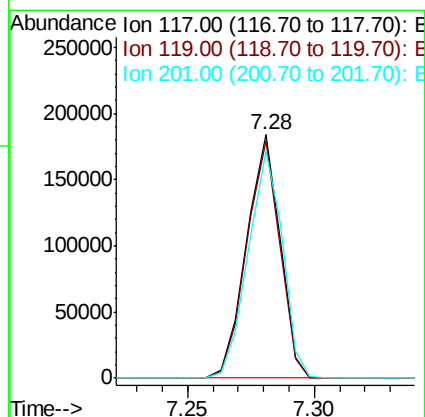
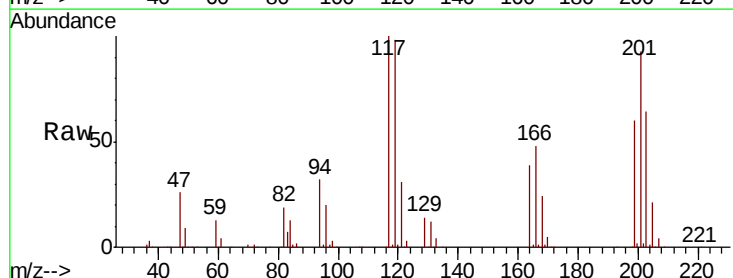
Manual Integrations
APPROVED

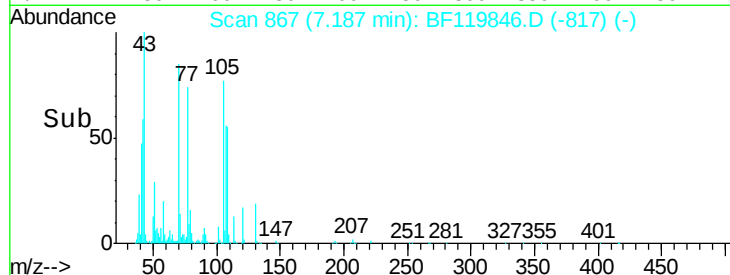
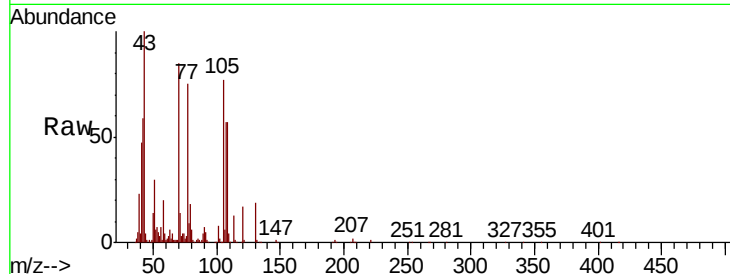
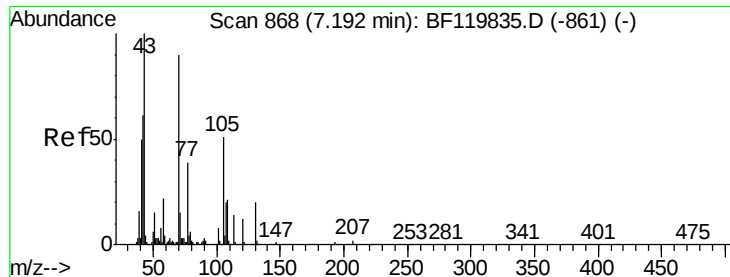
mohammad
4/10/2020 9:57:20 AM



#18
Hexachloroethane
Concen: 42.132 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

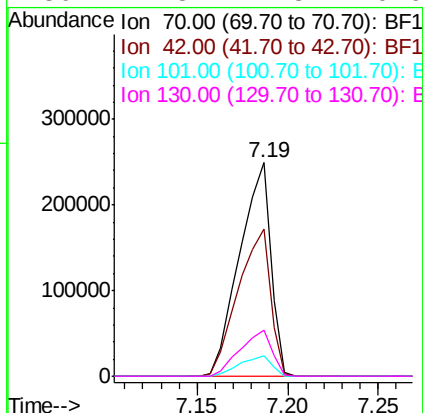
Tgt Ion	117	Resp	169916
Ion Ratio	Lower	Upper	
117	100		
119	97.6	77.4	116.0
201	93.1	68.4	102.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.668 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

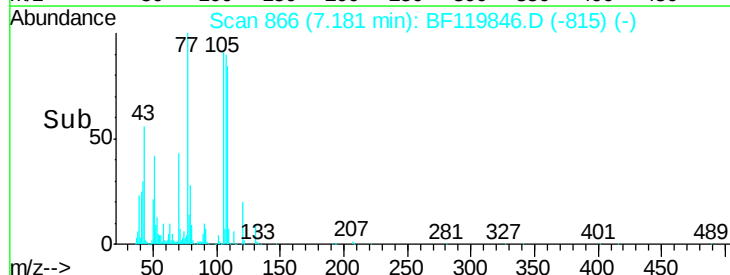
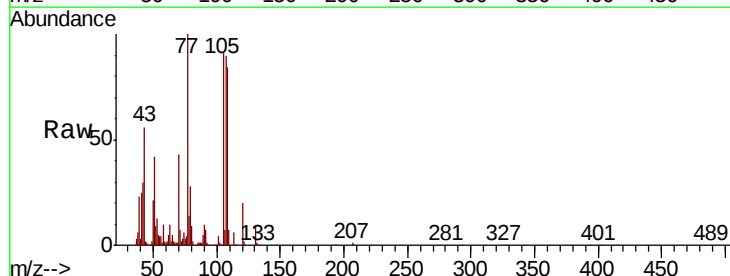
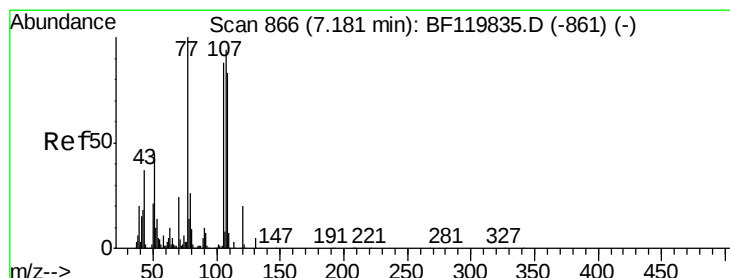
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.1	54.2	81.4	
101	9.7	7.4	11.2	
130	21.8	17.8	26.6	



Instrument :
BNA_F
ClientSampleId :
PB128073BSD

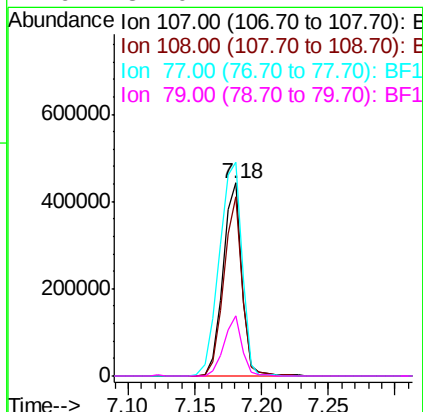
Manual Integrations
APPROVED

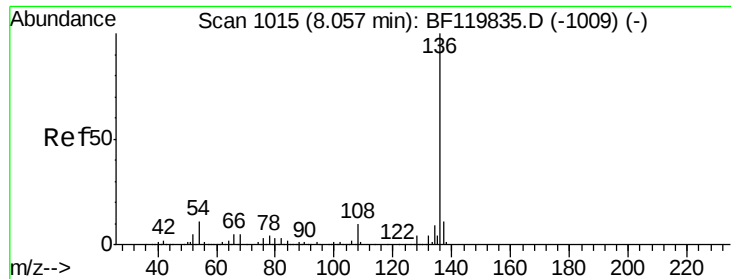
mohammad
4/10/2020 9:57:20 AM



#20
3+4-Methylphenols
Concen: 41.664 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	68.2	108.2	
77	110.7	86.6	126.6	
79	31.0	7.7	47.7	





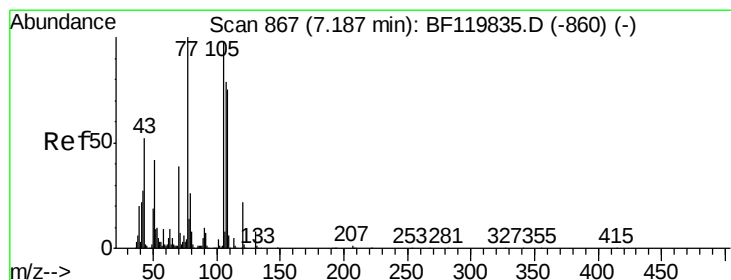
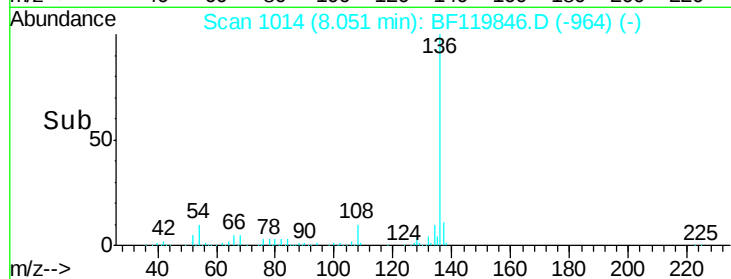
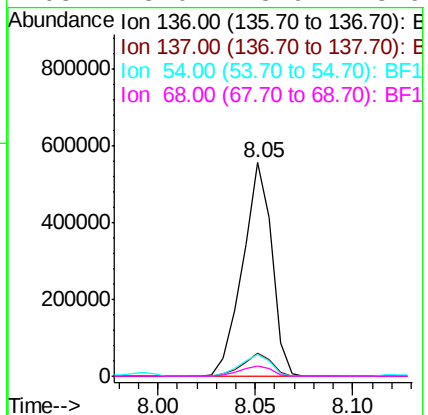
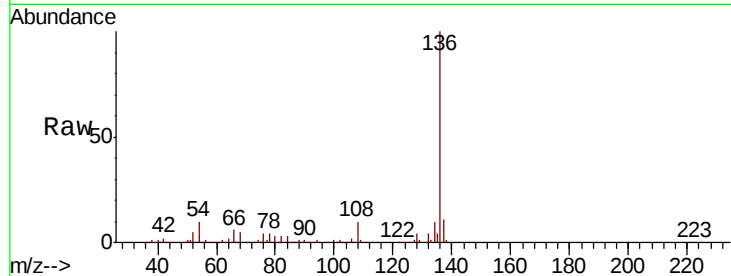
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	574202		
137	10.7		8.7	13.1
54	10.3		8.5	12.7
68	5.0		3.9	5.9

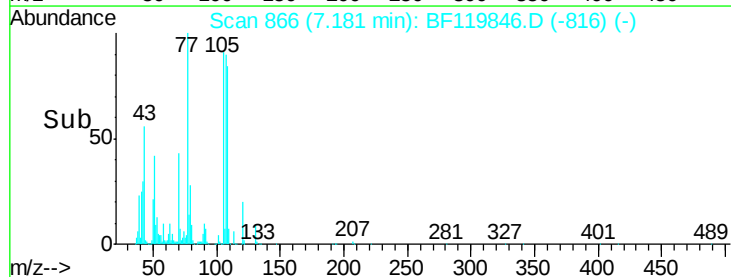
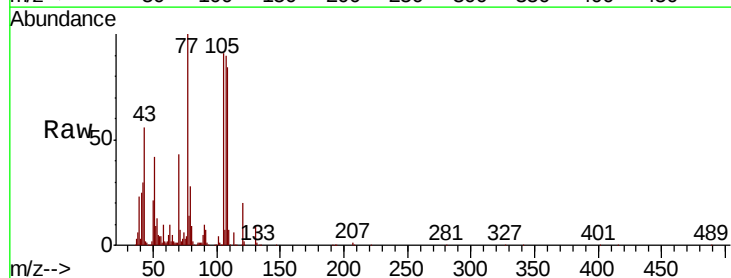
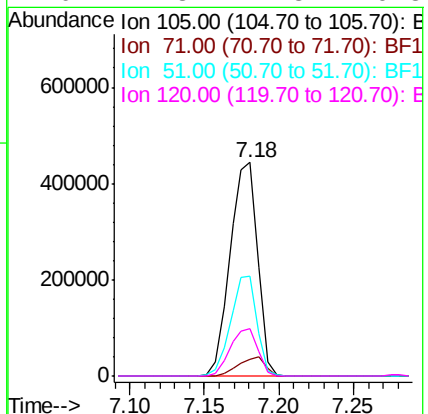
Manual Integrations
APPROVED

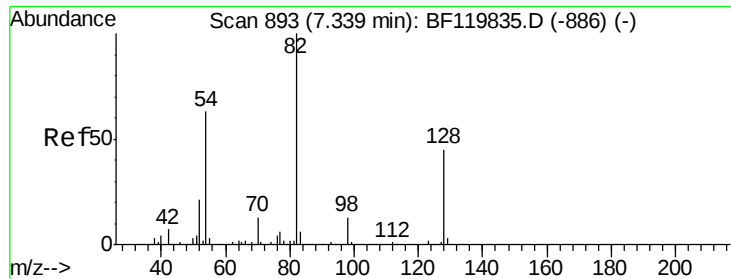
mohammad
4/10/2020 9:57:20 AM



#22
Acetophenone
Concen: 42.649 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	573458		
71	7.9		5.6	8.4
51	46.6		33.9	50.9
120	22.3		17.8	26.8





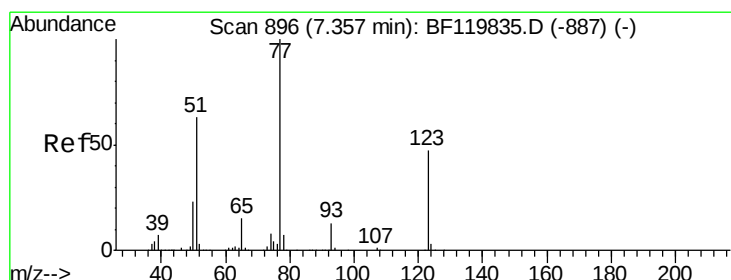
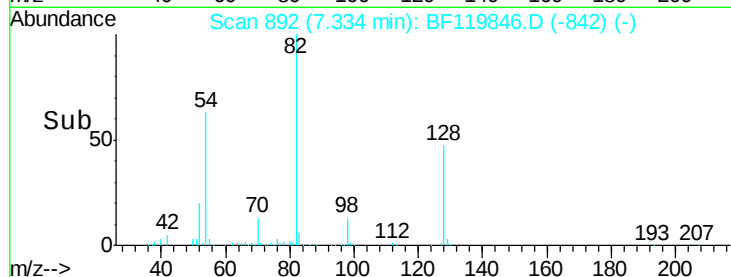
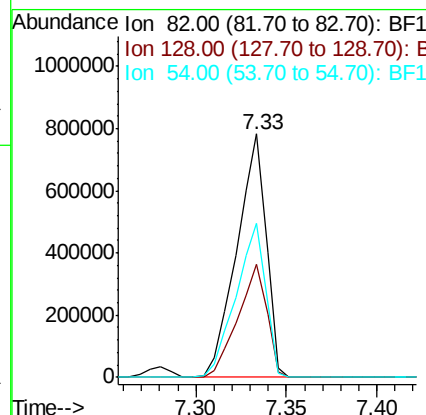
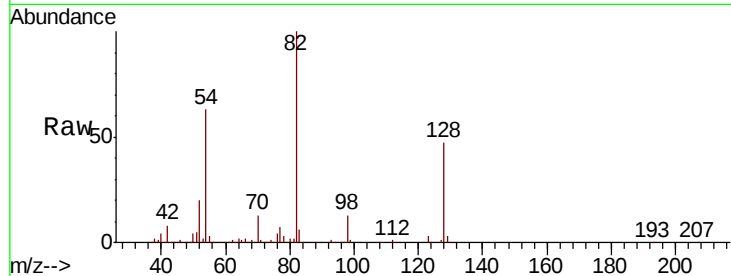
#23
 Nitrobenzene-d5
 Concen: 79.138 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.2	54.4
54	63.0	50.4	75.6

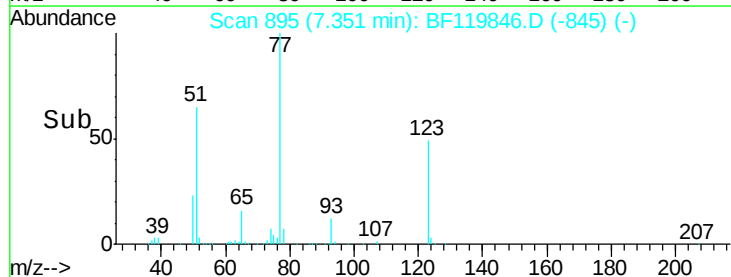
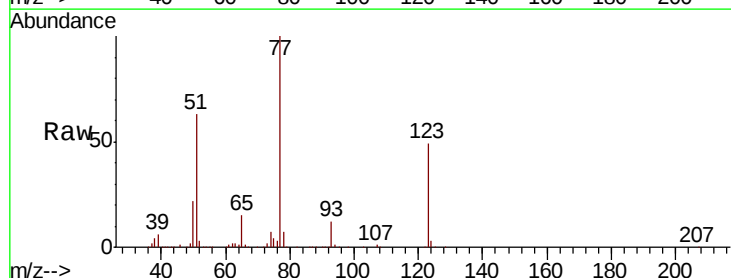
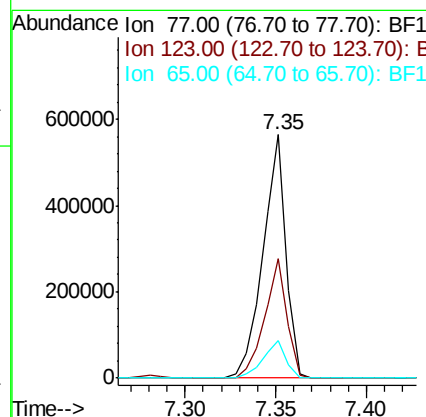
Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:20 AM



#24
 Nitrobenzene
 Concen: 44.460 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	37.8	56.8
65	15.3	12.2	18.2





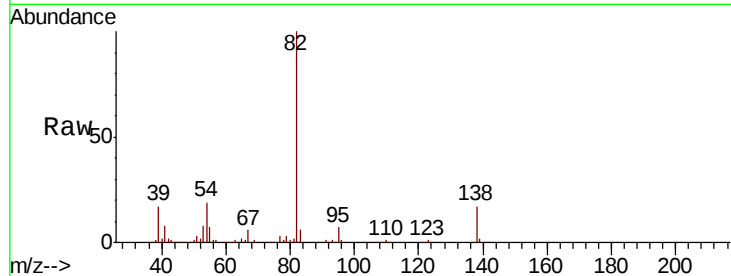
#25
Isophorone
Concen: 40.045 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

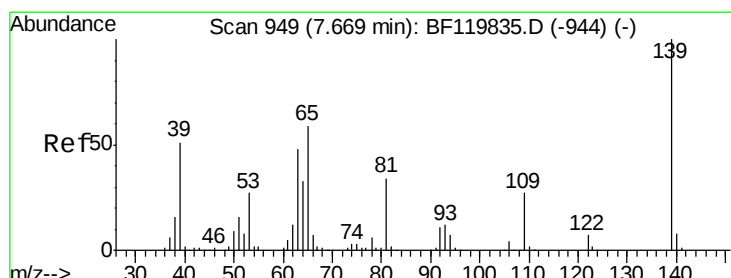
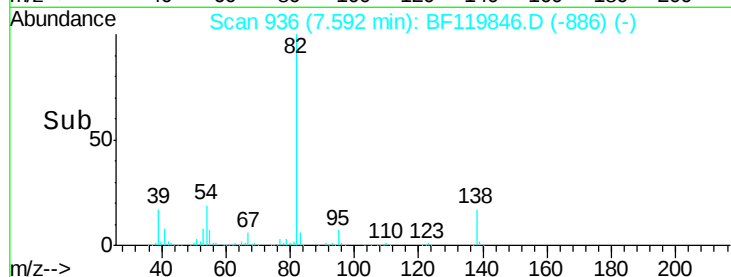
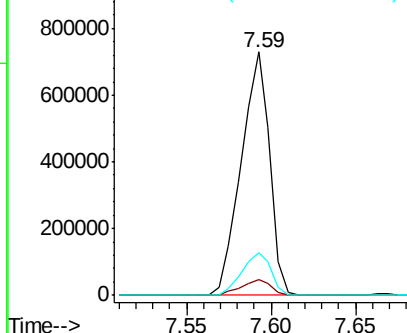
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	5.8	8.6	
138	17.4	14.5	21.7	

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM

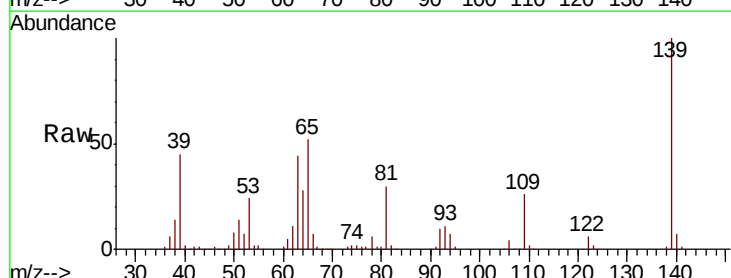


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

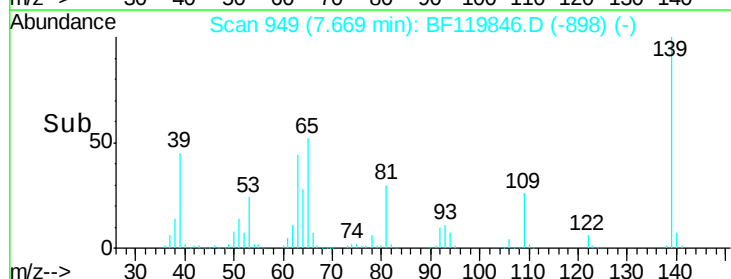
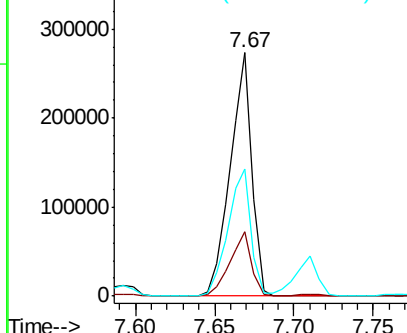


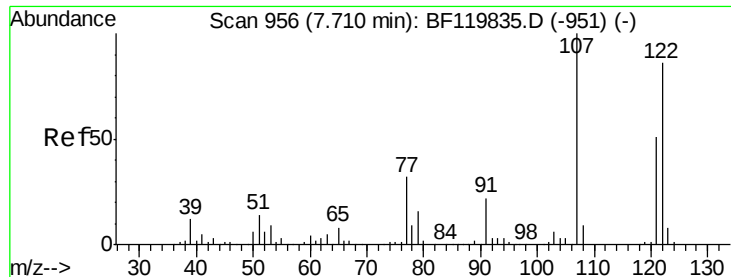
#26
2-Nitrophenol
Concen: 46.360 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.3	21.8	32.6	
65	52.2	47.0	70.4	



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





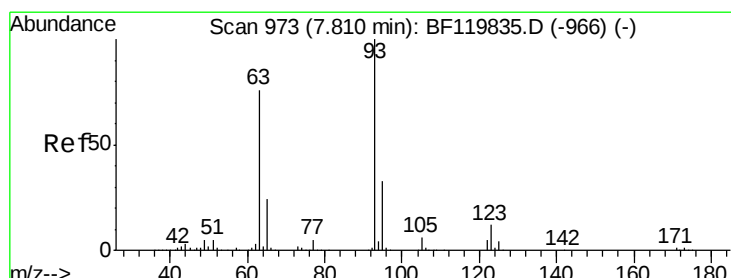
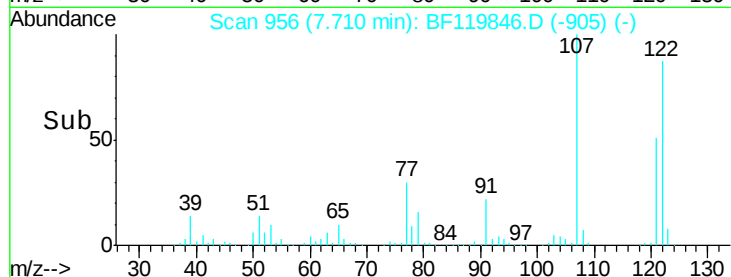
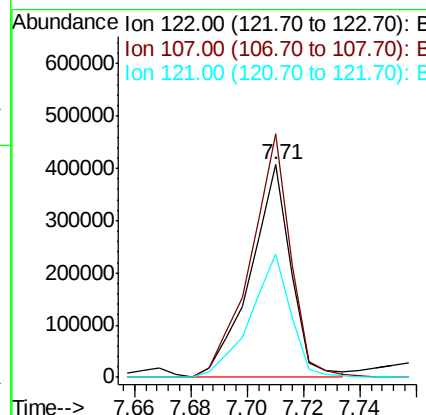
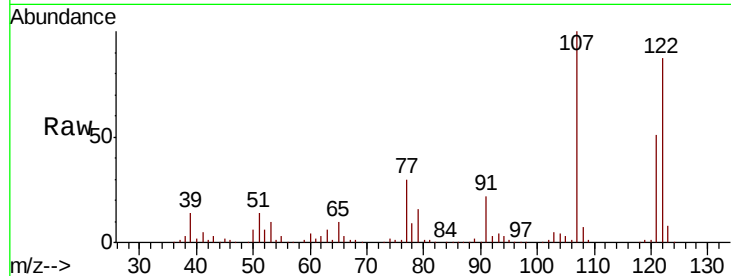
#27
 2,4-Dimethylphenol
 Concen: 47.769 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	92.3	138.5
121	58.3	46.6	70.0

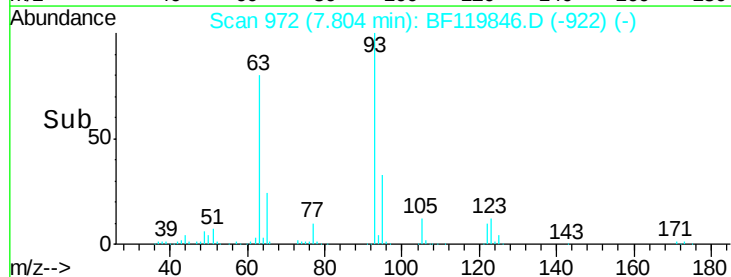
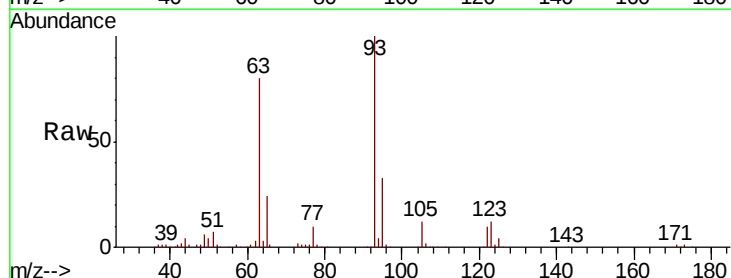
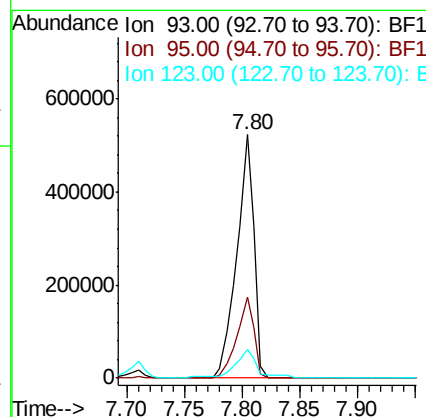
Manual Integrations
 APPROVED

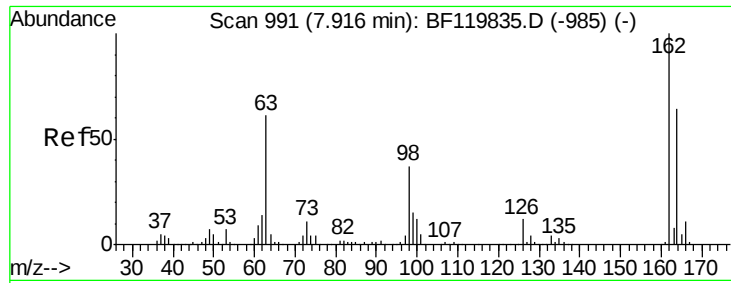
mohammad
 4/10/2020 9:57:20 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.810 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.4	39.6
123	11.8	9.7	14.5





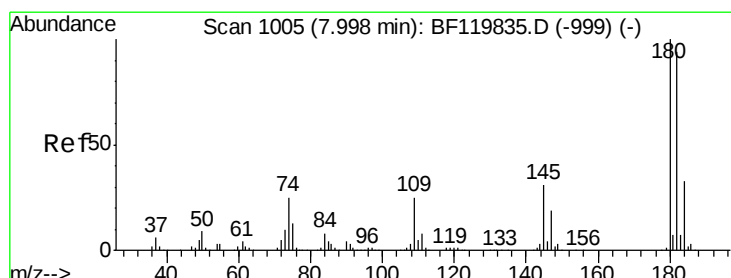
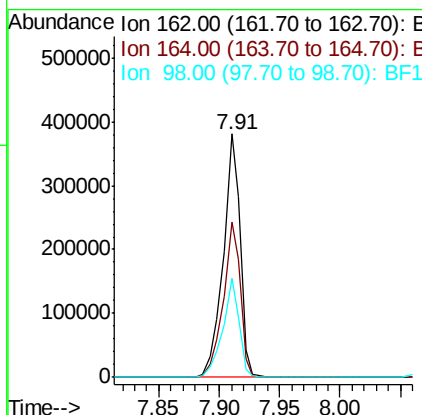
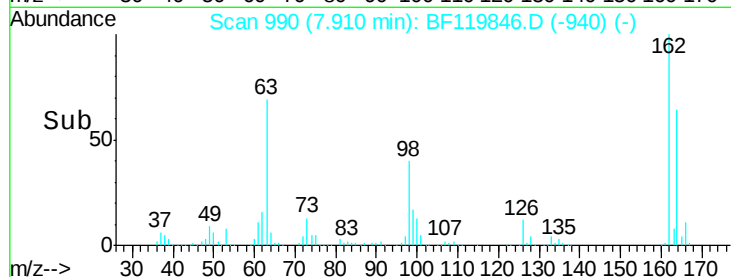
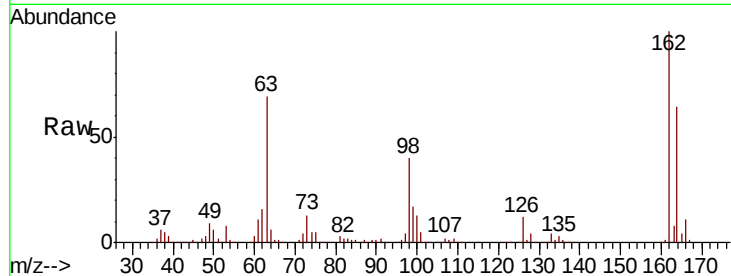
#29
2,4-Dichlorophenol
Concen: 42.938 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	370274		
164	63.6	44.4	84.4	
98	40.4	17.3	57.3	

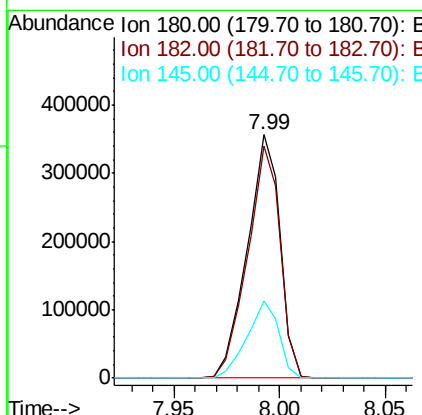
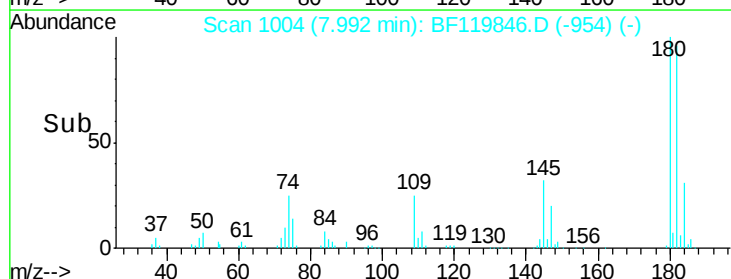
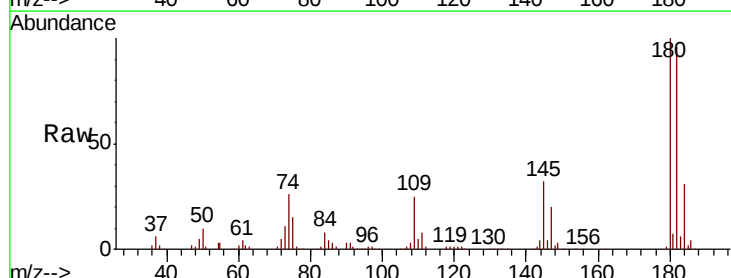
Manual Integrations
APPROVED

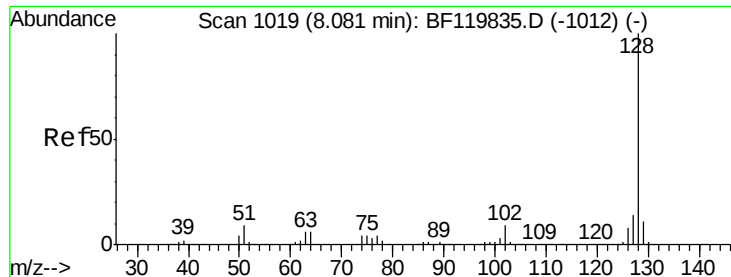
mohammad
4/10/2020 9:57:20 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.282 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	383830		
182	95.6	75.4	113.0	
145	31.7	24.6	37.0	





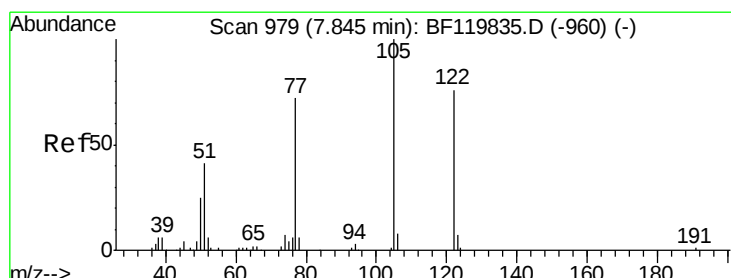
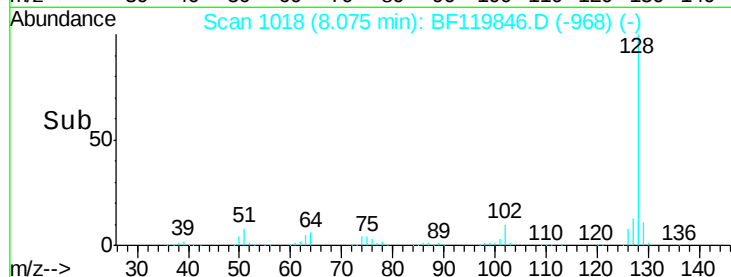
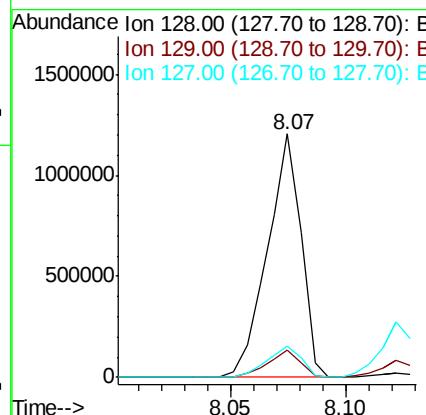
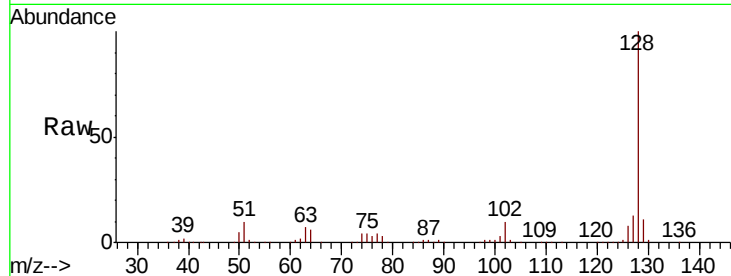
#31
Naphthalene
Concen: 40.315 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion:128 Resp: 1217934
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 11.0 16.4

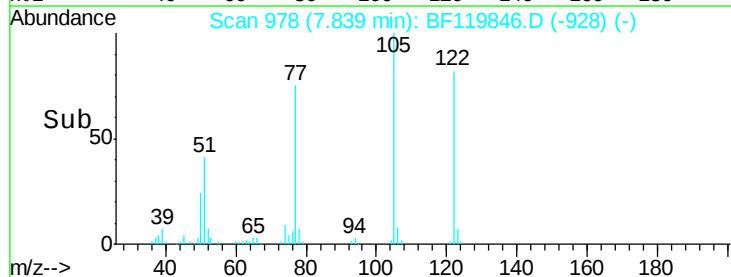
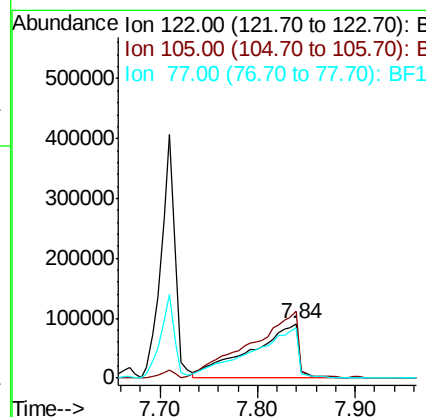
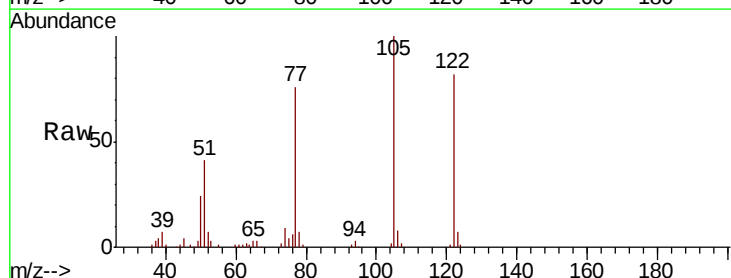
Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM



#32
Benzoic acid
Concen: 41.306 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:122 Resp: 305197
Ion Ratio Lower Upper
122 100
105 122.0 106.7 146.7
77 92.2 72.1 112.1





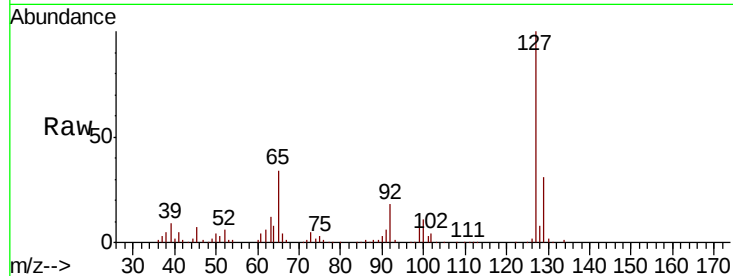
#33
4-Chloroaniline
Concen: 21.186 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.2	39.2		
65	33.7	28.3	42.5		
92	18.2	15.4	23.2		

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM



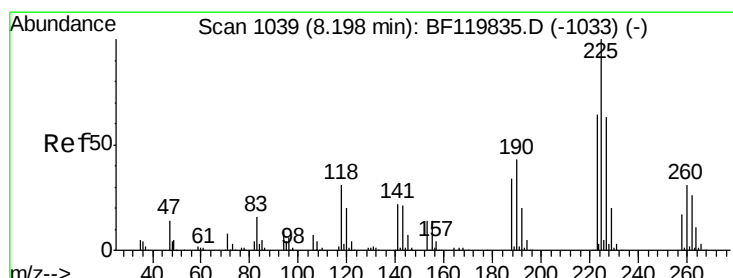
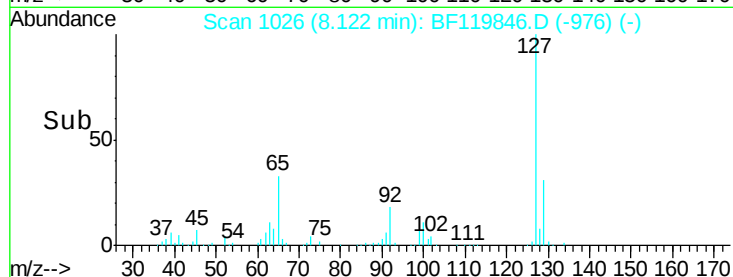
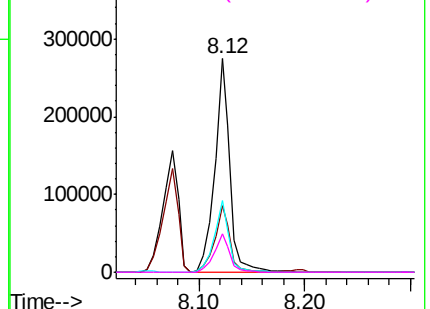
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

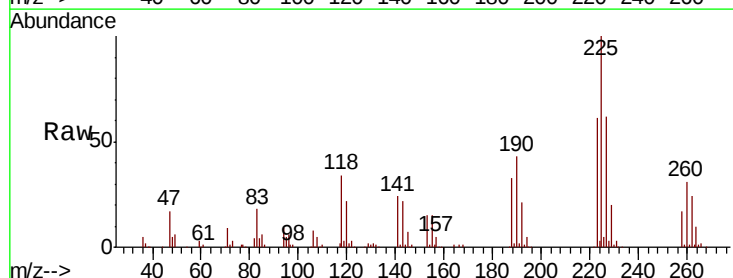
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.726 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	51.0	76.6		
227	61.6	50.4	75.6		

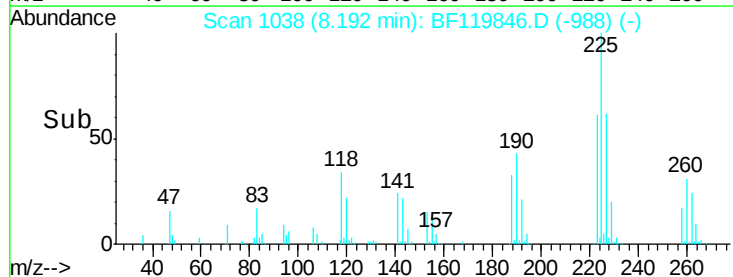
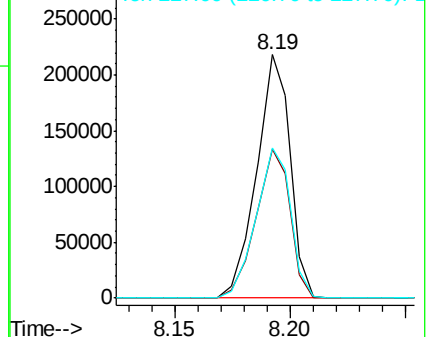


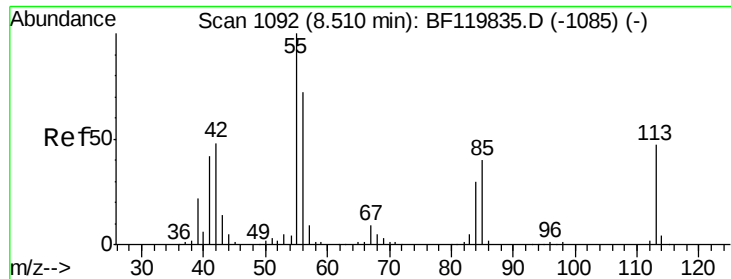
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





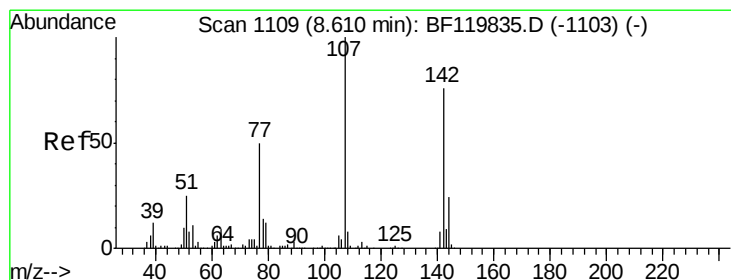
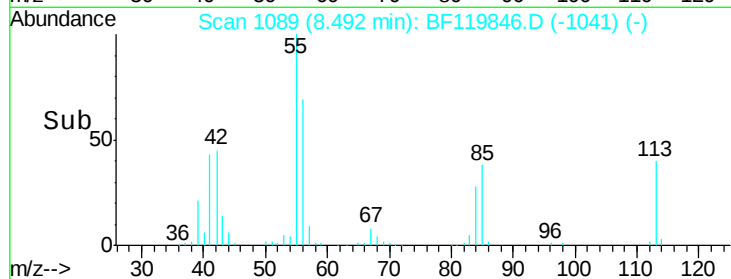
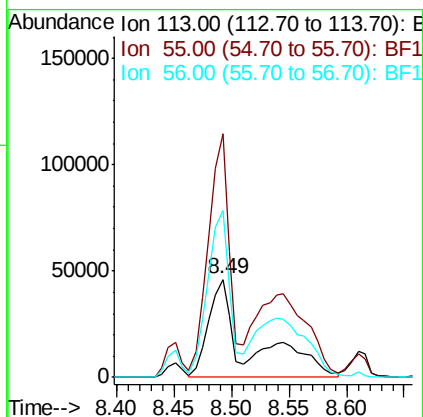
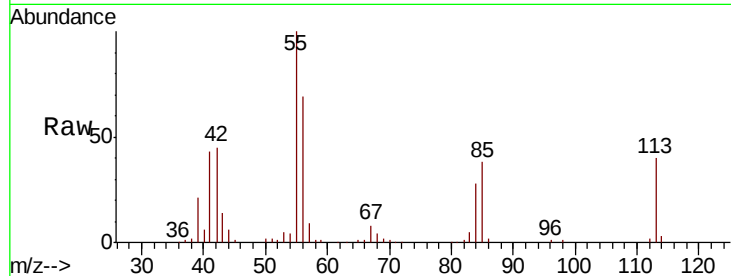
#35
 Caprolactam
 Concen: 42.240 ng/ml
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	247.6	192.7	232.7#
56	169.9	133.3	173.3

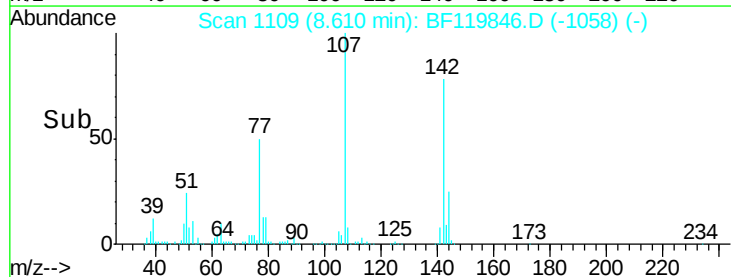
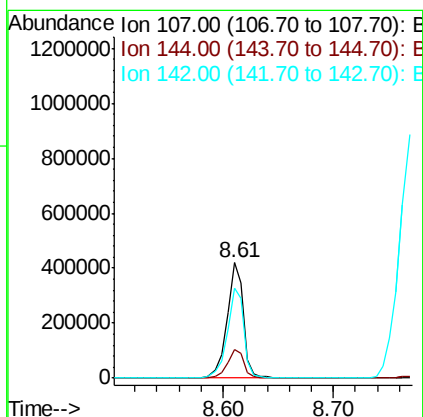
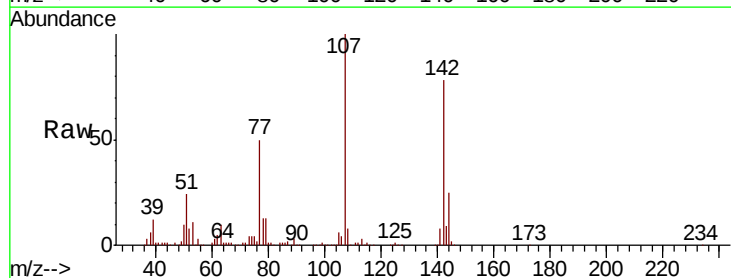
Manual Integrations
 APPROVED

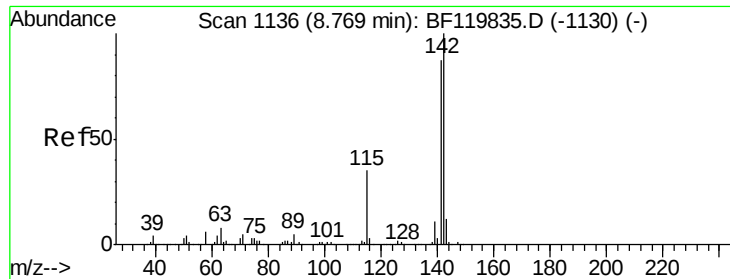
mohammad
 4/10/2020 9:57:20 AM



#36
 4-Chloro-3-methylphenol
 Concen: 46.797 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.5	29.3
142	77.6	60.5	90.7





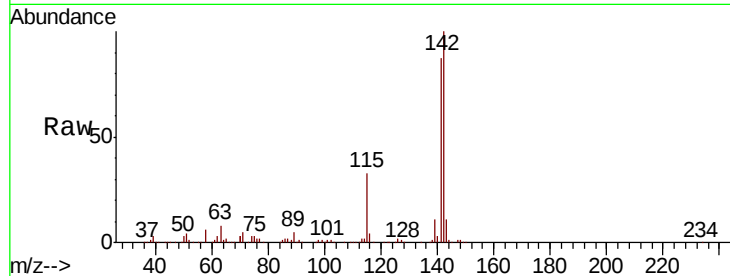
#37
2-Methylnaphthalene
Concen: 40.566 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.9	104.9
115	33.0	28.0	42.0

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM

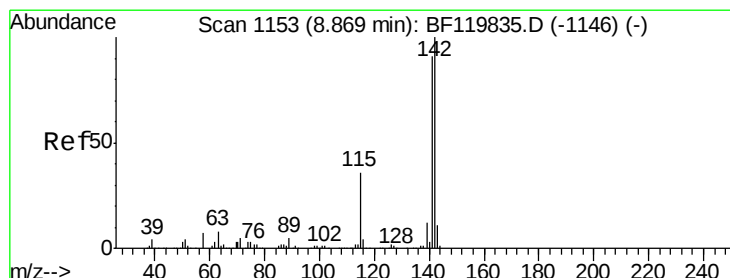
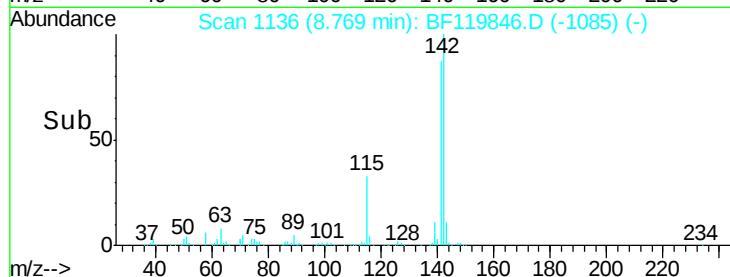
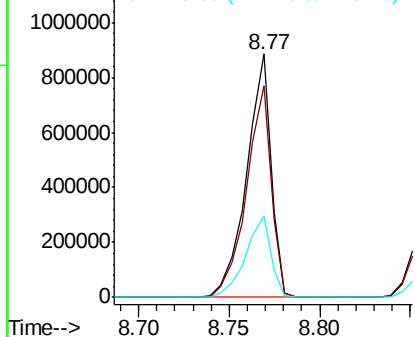


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.049 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

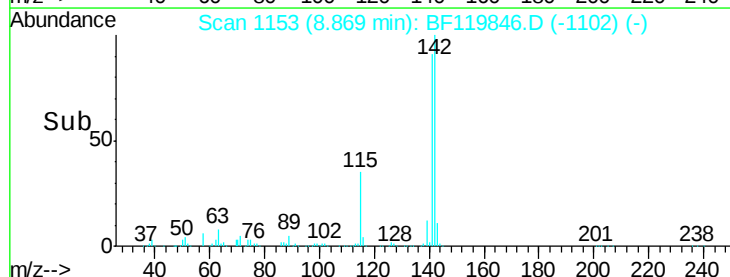
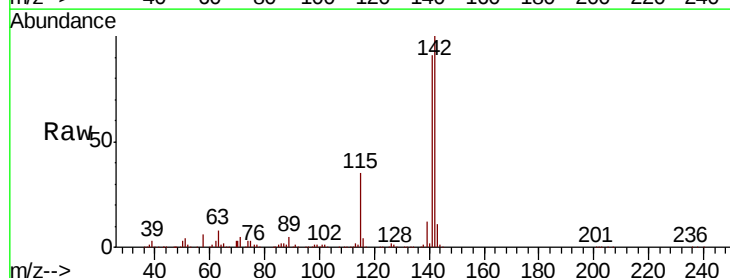
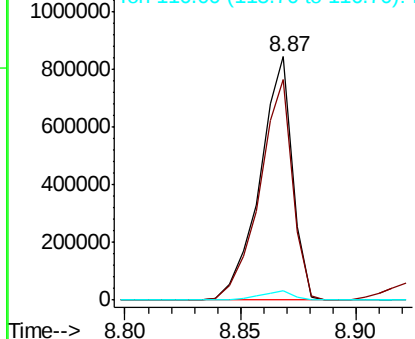
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.9	109.3
116	3.7	3.0	4.6

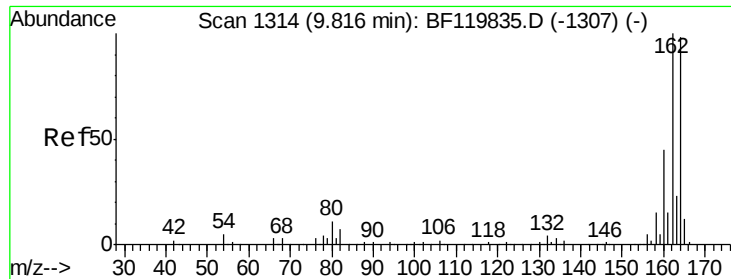
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





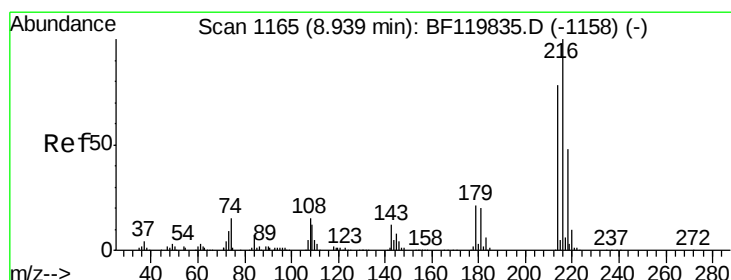
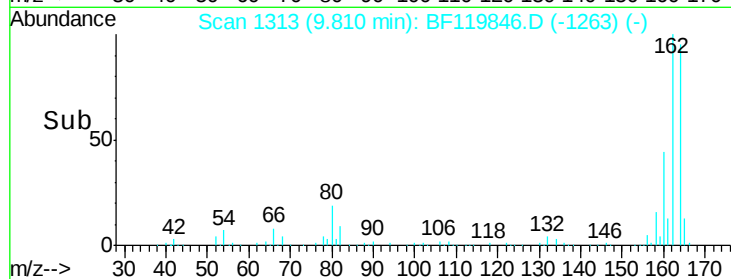
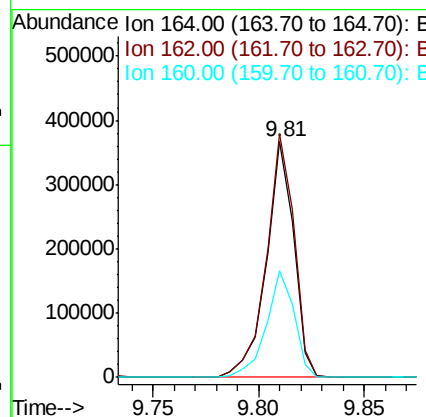
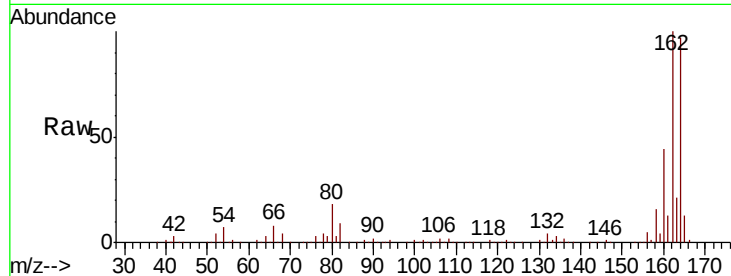
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.9	122.9
160	45.5	36.6	54.8

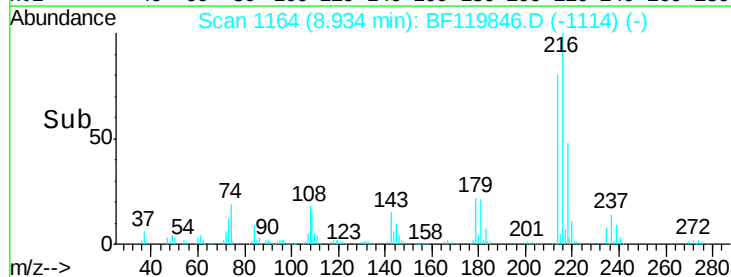
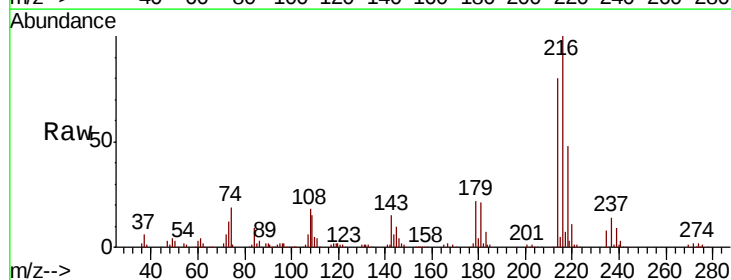
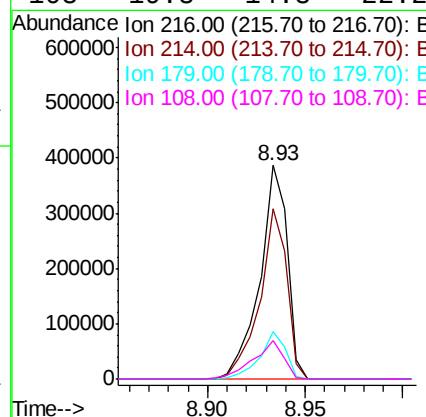
Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.937 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.1	94.7
179	21.1	17.0	25.4
108	19.8	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 79.648 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

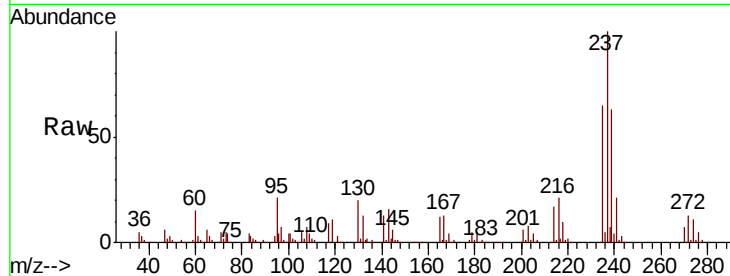
ClientSampleId :

PB128073BSD

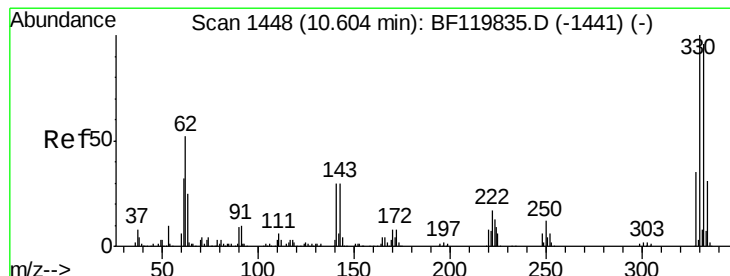
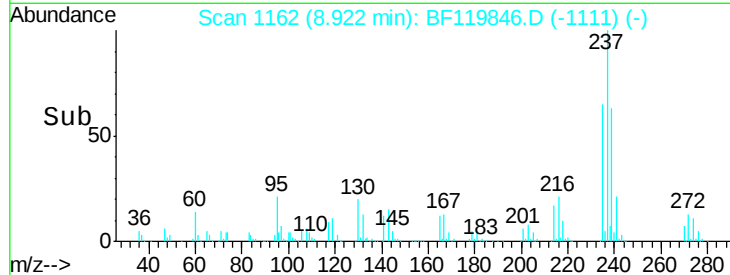
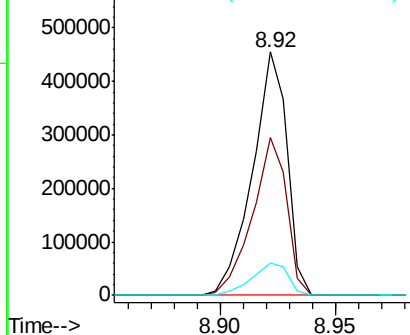
Tot Ion:	237	Resp:	476408
Ion Ratio	Lower	Upper	
237	100		
235	64.7	44.9	84.9
272	13.5	0.0	33.6

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 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: 108.406 ng

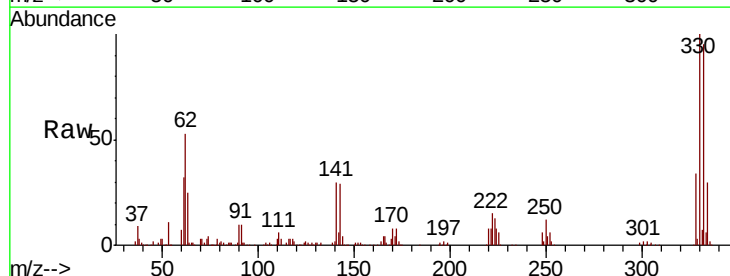
RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

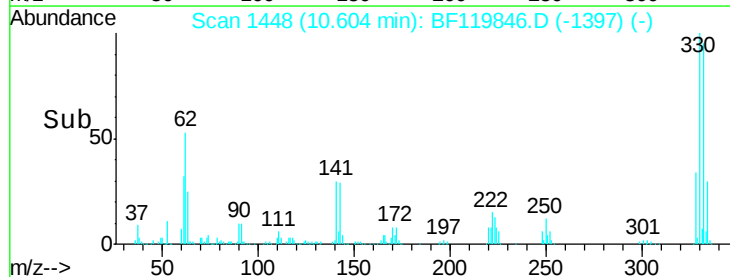
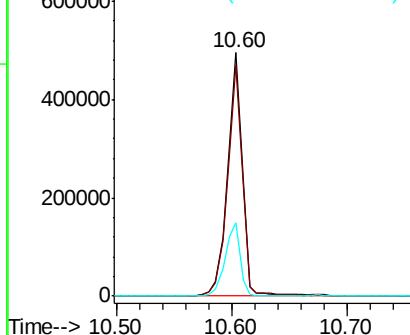
Lab File: BF119846.D

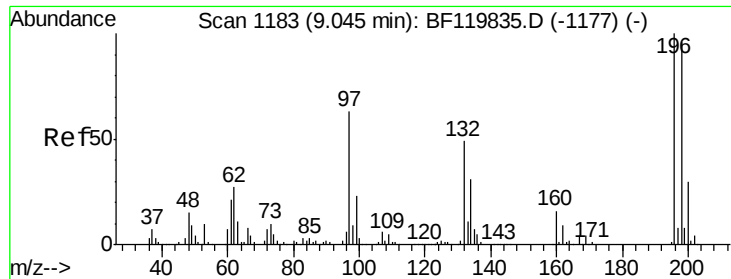
Acq: 9 Apr 2020 1:38

Tgt Ion:	330	Resp:	442033
Ion Ratio	Lower	Upper	
330	100		
332	94.2	76.8	115.2
141	31.0	25.1	37.7



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





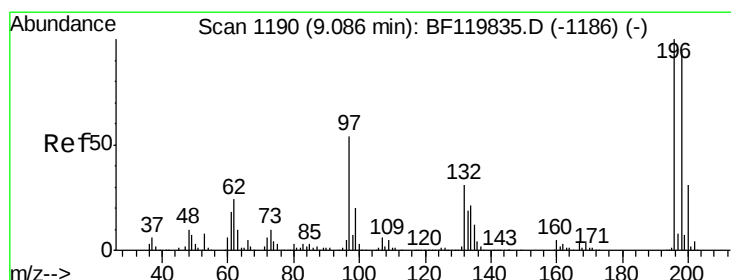
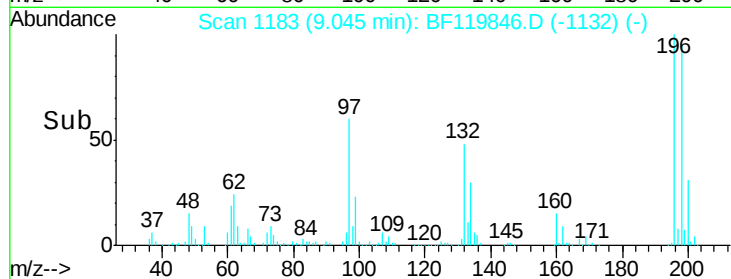
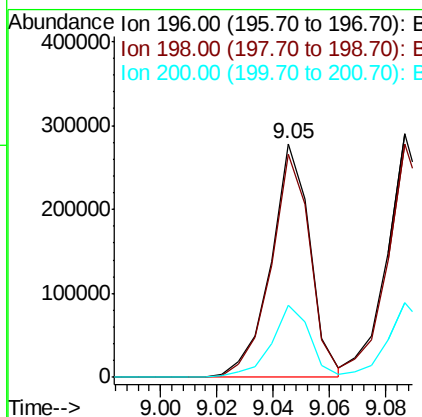
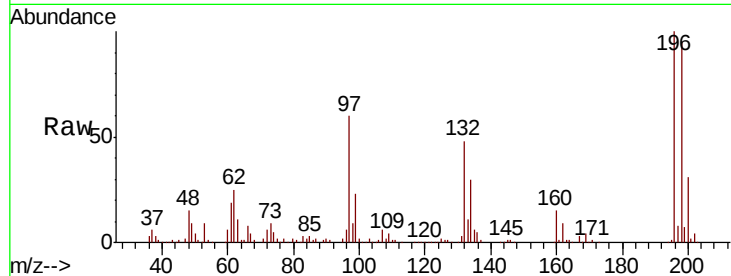
#43
 2,4,6-Trichlorophenol
 Concen: 36.811 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Tot Ion:	196	Resp:	267385
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.6	115.0
200	31.0	24.2	36.2

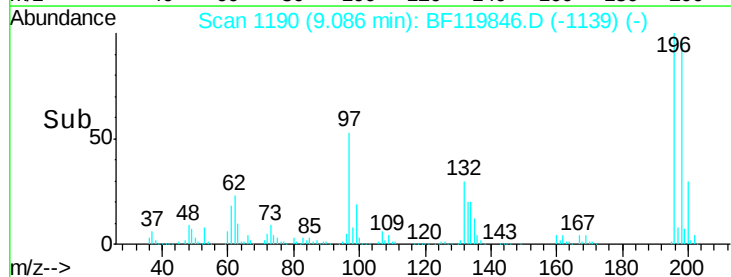
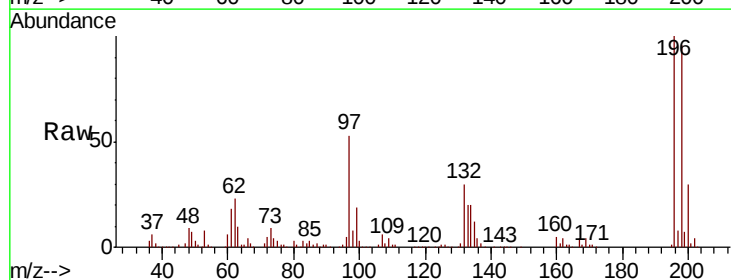
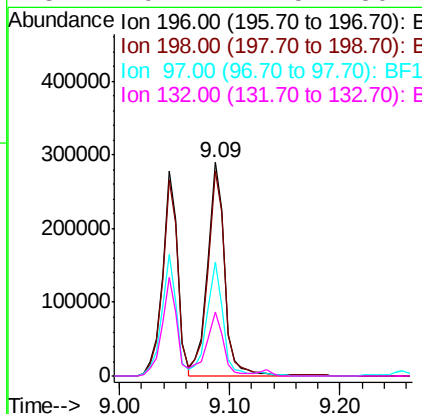
Manual Integrations
 APPROVED

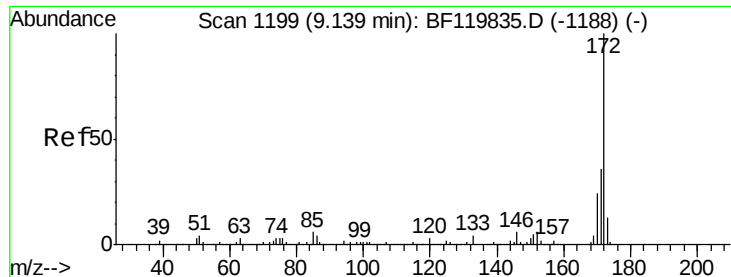
mohammad
 4/10/2020 9:57:20 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.785 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:	196	Resp:	300942
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.1	112.7
97	53.2	43.4	65.2
132	29.7	24.5	36.7





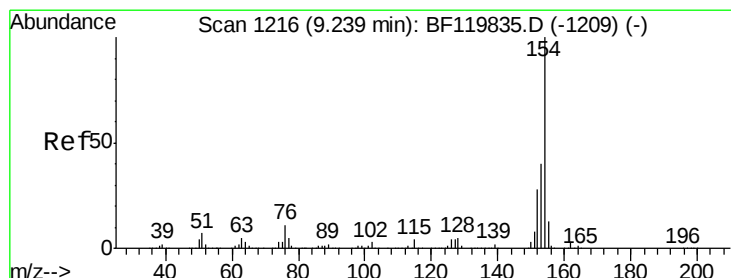
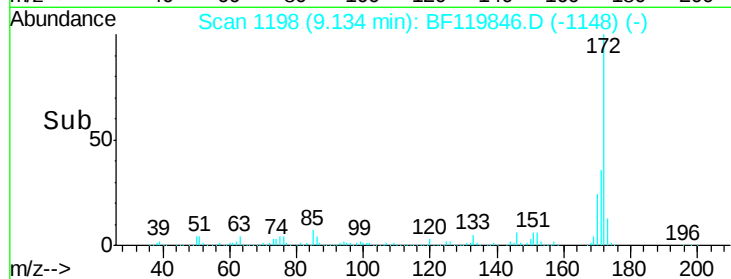
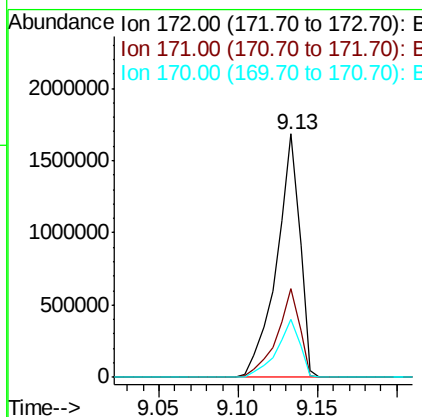
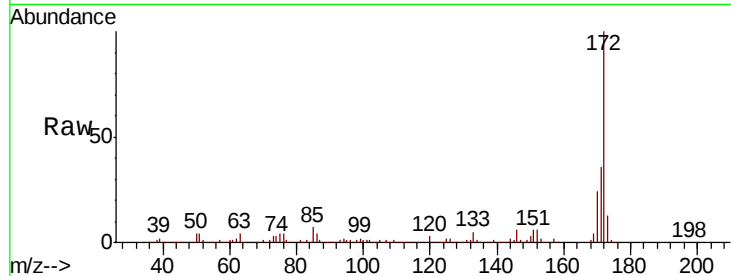
#45
2-Fluorobiphenyl
Concen: 73.067 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.1	19.4	29.2

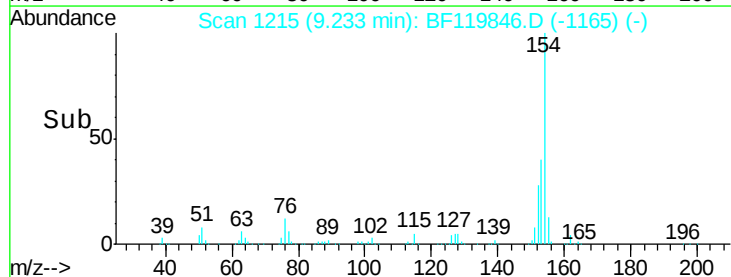
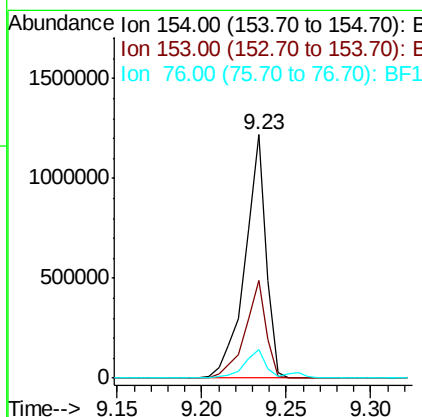
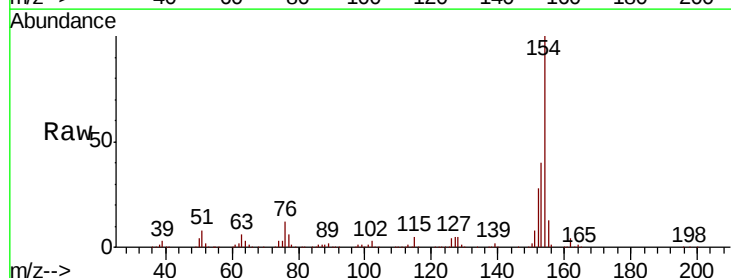
Manual Integrations
APPROVED

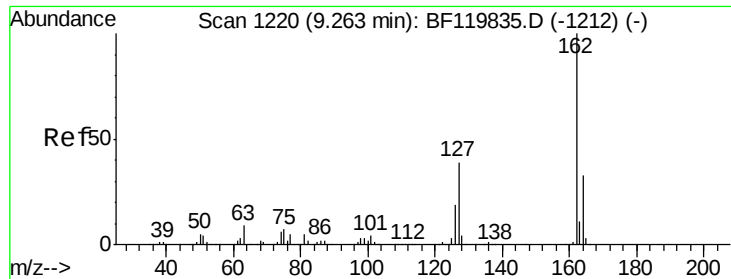
mohammad
4/10/2020 9:57:20 AM



#46
1,1'-Biphenyl
Concen: 37.665 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.5	60.5
76	11.8	0.0	30.6





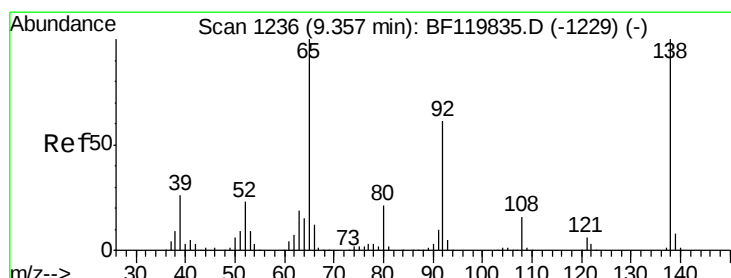
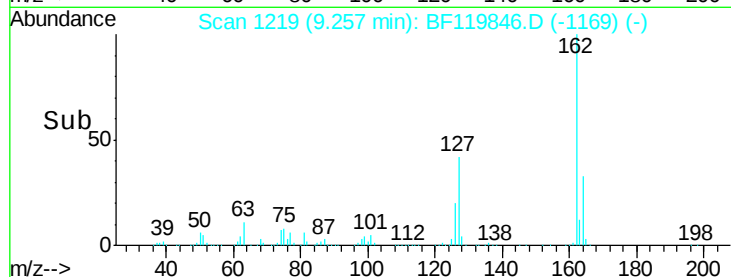
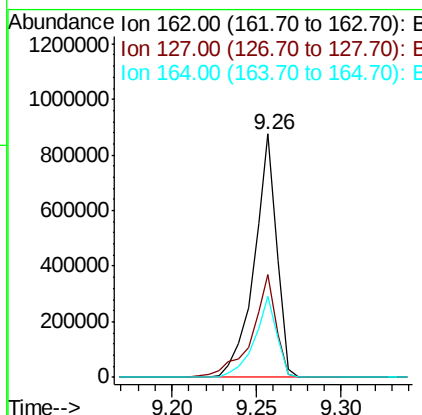
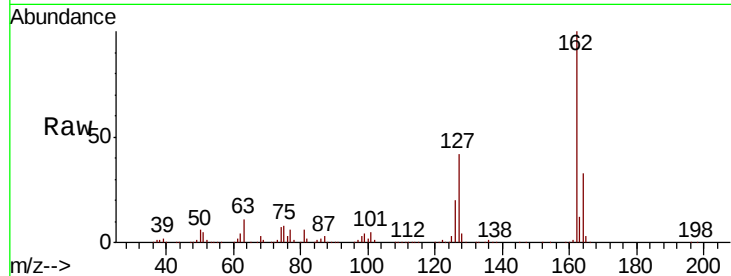
#47
 2-Chloronaphthalene
 Concen: 37.592 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.0	31.2	46.8	
164	33.4	26.3	39.5	

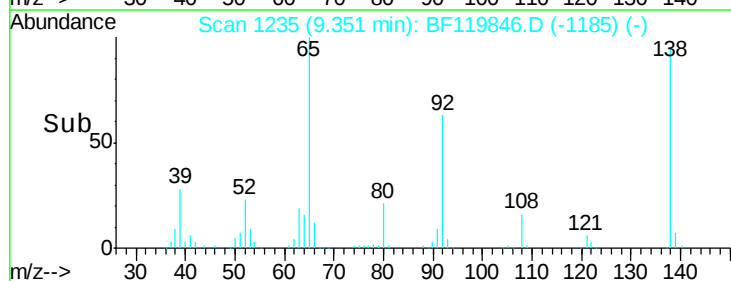
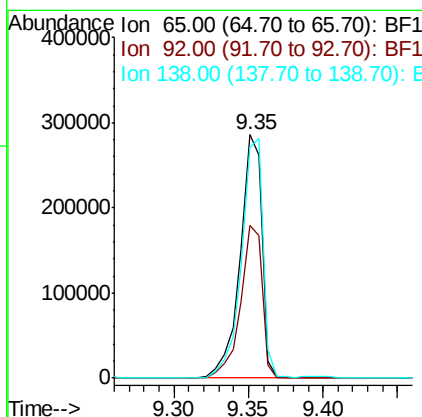
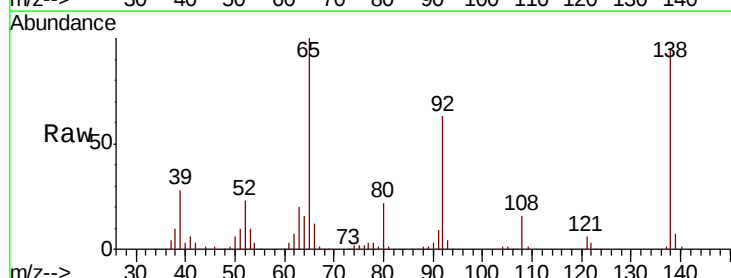
Manual Integrations
 APPROVED

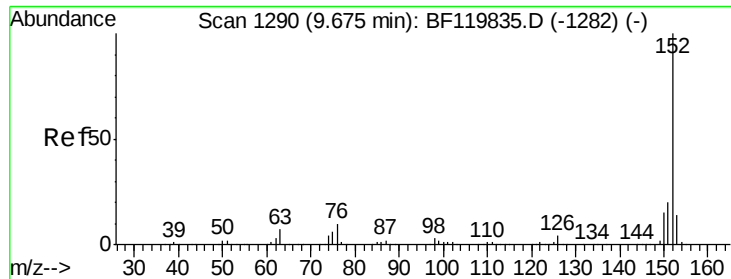
mohammad
 4/10/2020 9:57:20 AM



#48
 2-Nitroaniline
 Concen: 36.958 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	62.9	49.0	73.6	
138	94.6	79.7	119.5	





#49

Acenaphthylene

Concen: 42.790 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

PB128073BSD

Tot Ion:152 Resp: 1409216

Ion Ratio Lower Upper

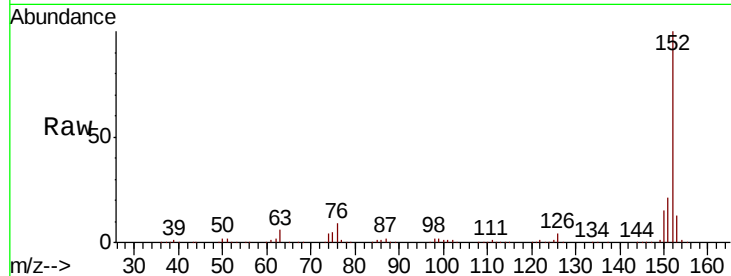
152 100

151 20.6 16.2 24.4

153 13.2 10.9 16.3

Manual Integrations
APPROVED

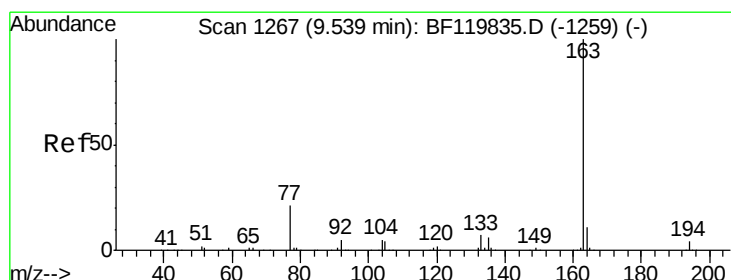
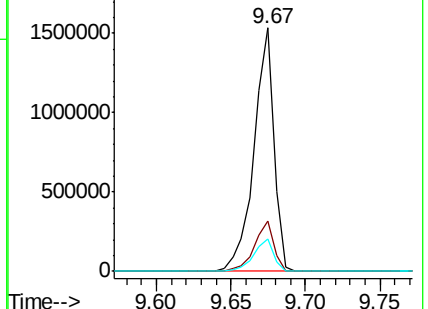
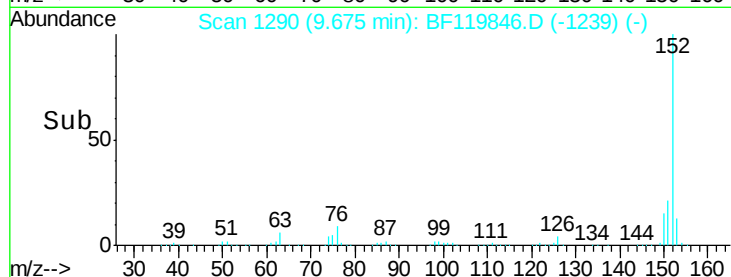
mohammad
4/10/2020 9:57:20 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.696 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

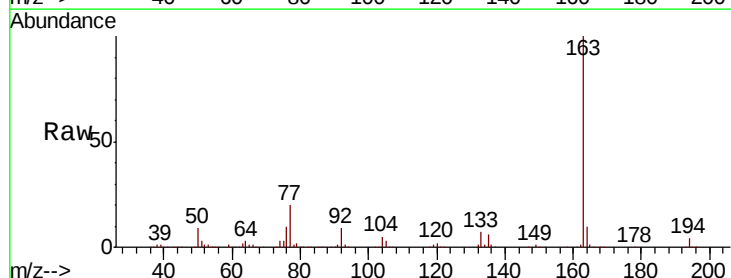
Tgt Ion:163 Resp: 1048344

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

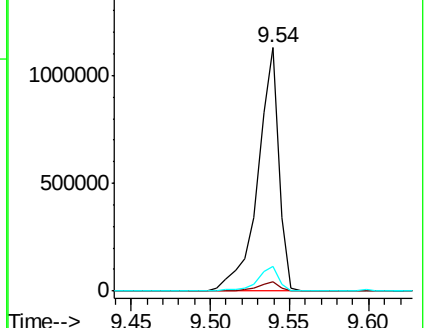
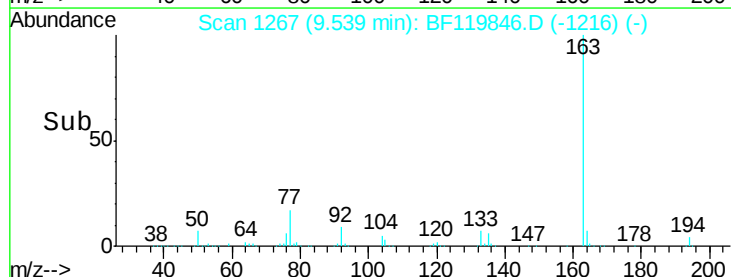
164 10.1 8.4 12.6

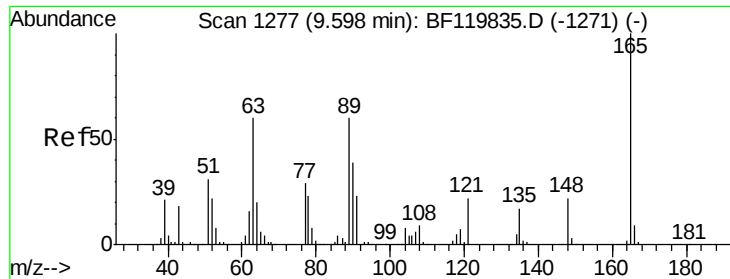


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.398 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

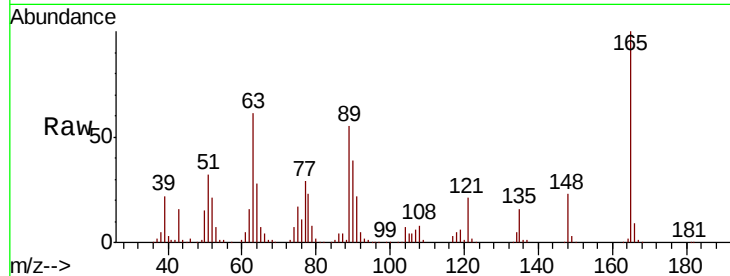
ClientSampleId :

PB128073BSD

Tot Ion:	165	Resp:	233528
Ion Ratio	Lower	Upper	
165	100		
63	61.3	55.6	83.4
89	54.8	47.9	71.9

Manual Integrations
APPROVED

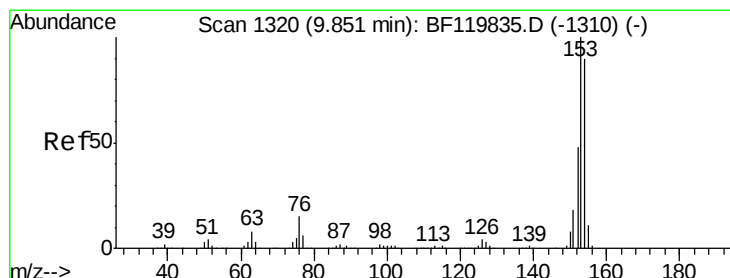
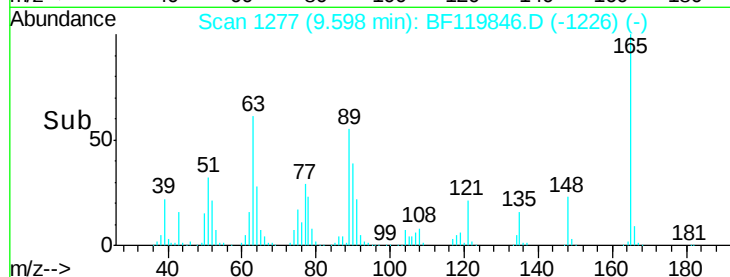
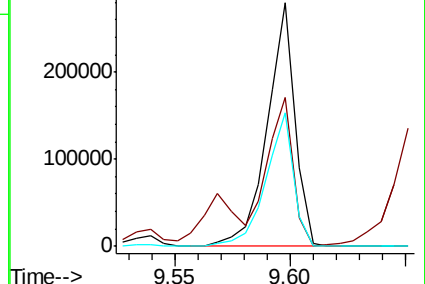
mohammad
4/10/2020 9:57:20 AM



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: 46.028 ng m

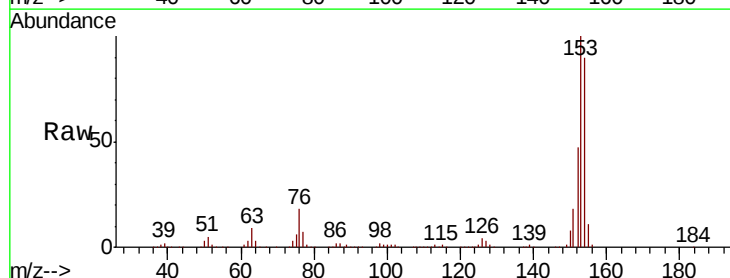
RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

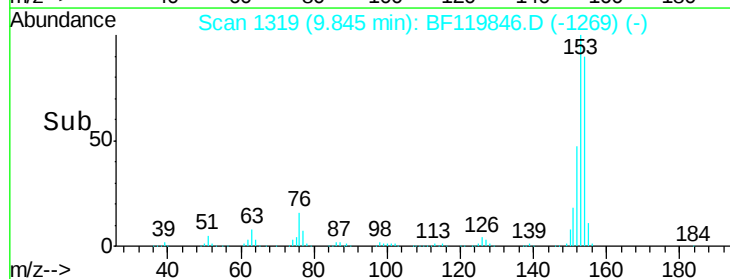
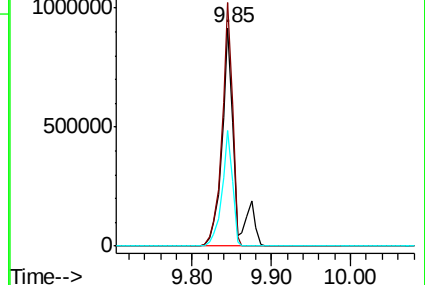
Tgt Ion:	154	Resp:	1011167
Ion Ratio	Lower	Upper	
154	100		
153	111.5	88.8	133.2
152	52.9	42.4	63.6

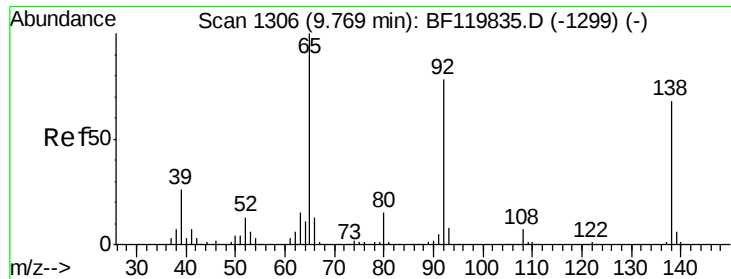


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





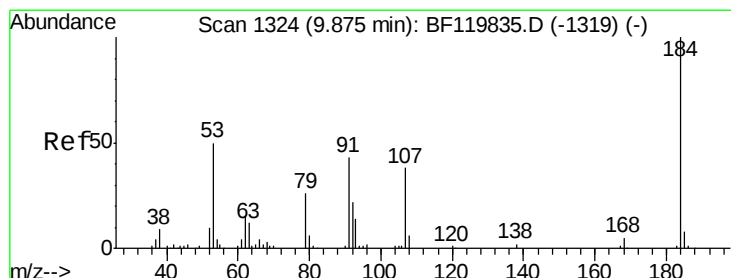
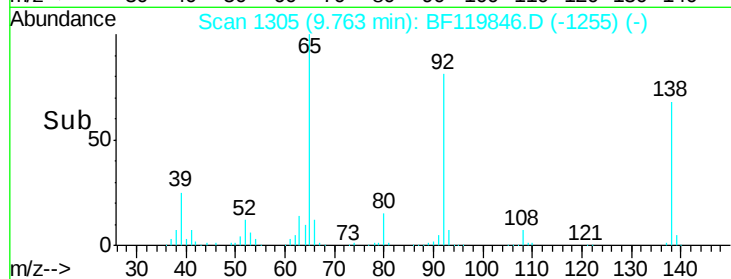
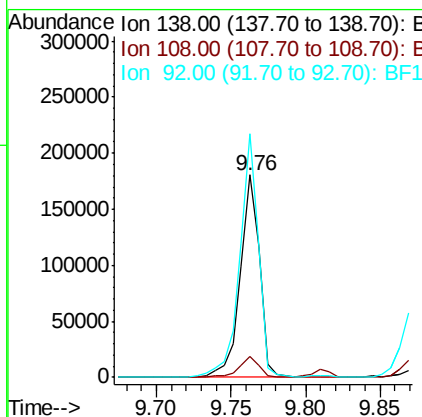
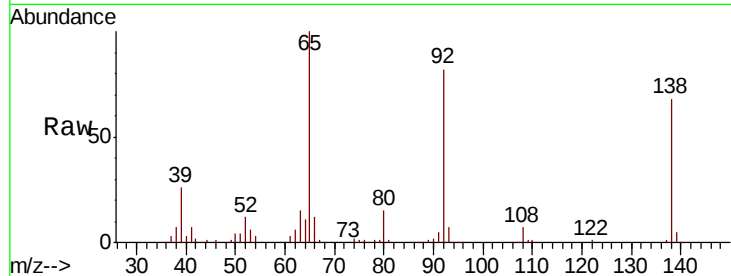
#53
3-Nitroaniline
Concen: 25.350 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	163318		
108	10.2	8.0	12.0	
92	120.2	92.1	138.1	

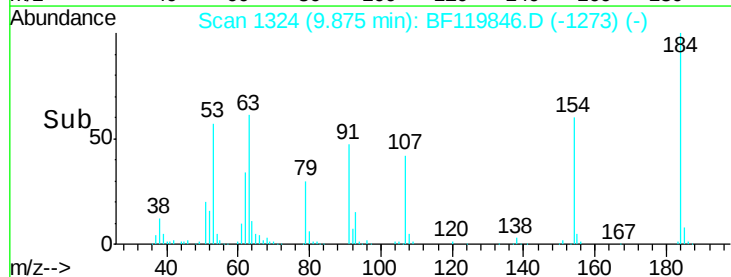
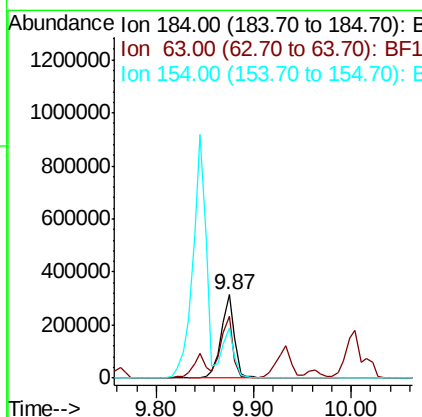
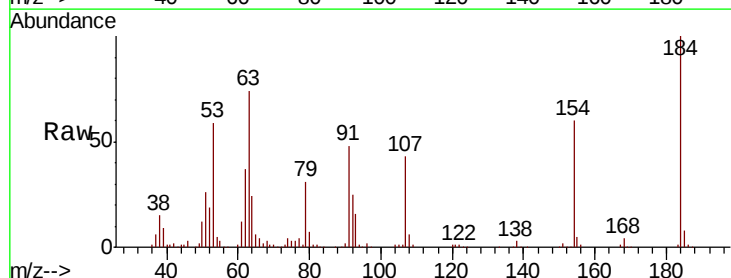
Manual Integrations
APPROVED

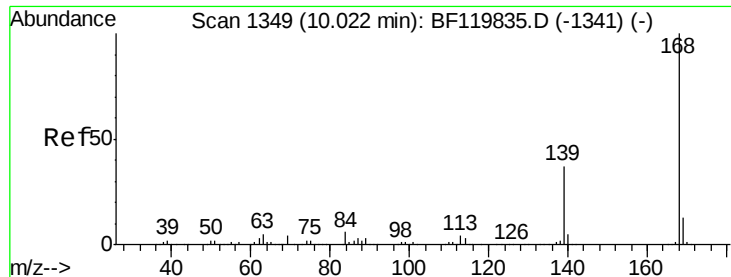
mohammad
4/10/2020 9:57:20 AM



#54
2,4-Dinitrophenol
Concen: 88.077 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	297462		
63	73.6	49.8	74.6	
154	60.0	46.5	69.7	





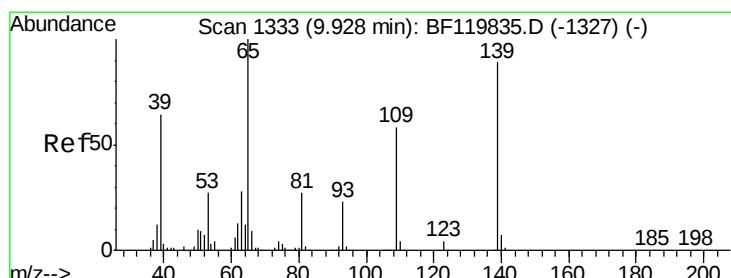
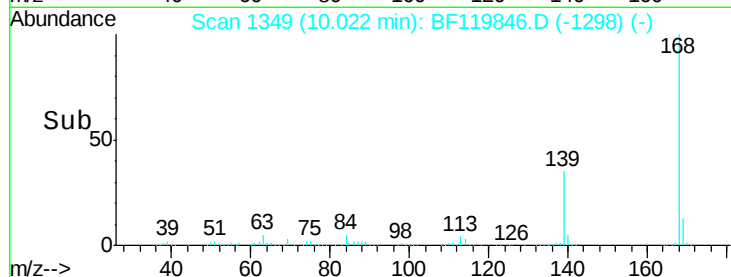
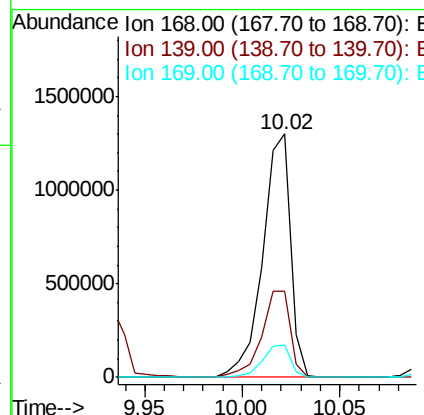
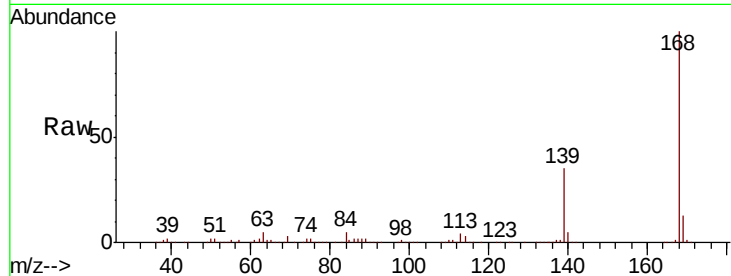
#55
Dibenzofuran
Concen: 42.520 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	29.8	44.6
169	13.1	10.6	15.8

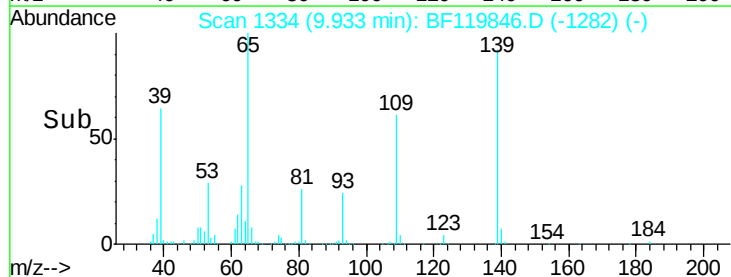
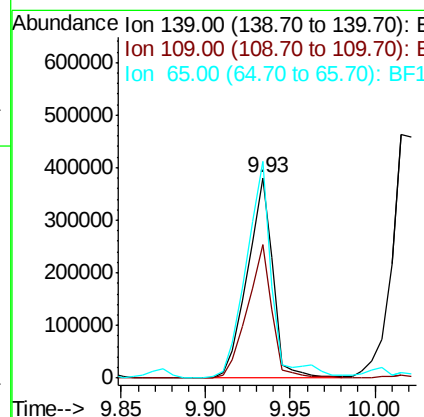
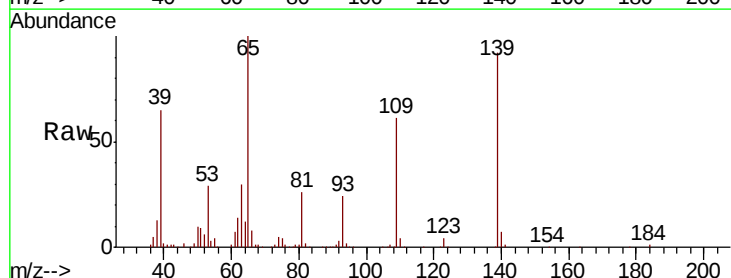
Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM



#56
4-Nitrophenol
Concen: 84.313 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.6	45.5	85.5
65	108.5	92.3	132.3





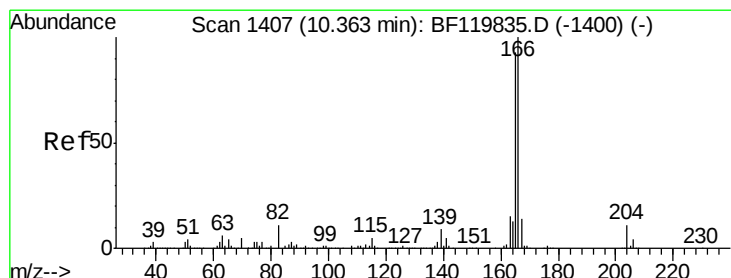
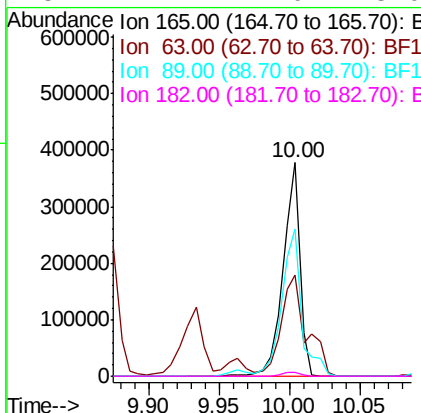
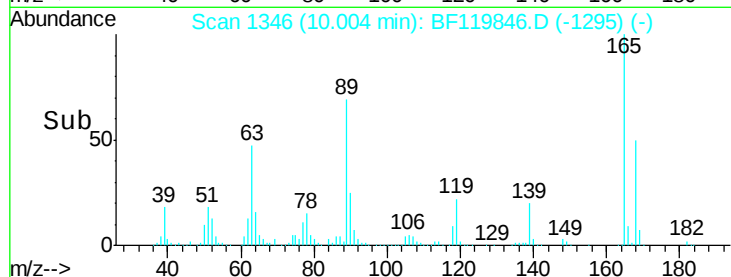
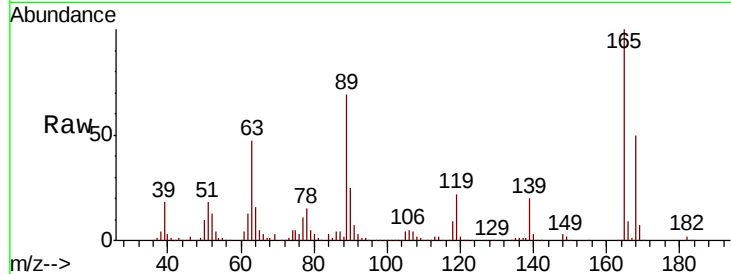
#57
2,4-Dinitrotoluene
Concen: 42.321 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	314535		
63	47.4	40.8	61.2	
89	68.8	56.9	85.3	
182	2.1	2.0	3.0	

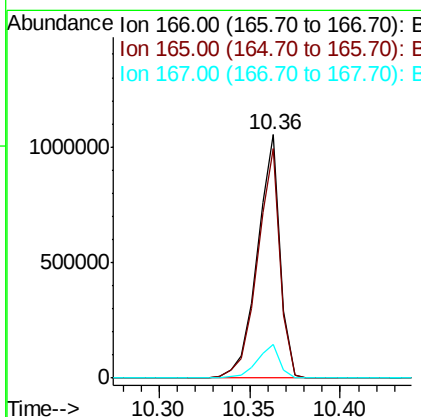
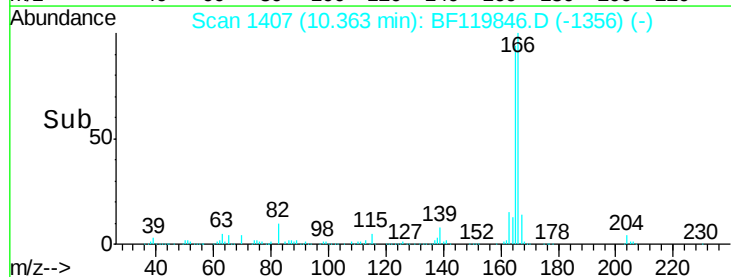
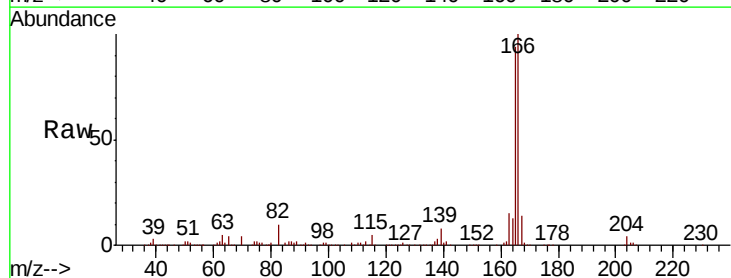
Manual Integrations
APPROVED

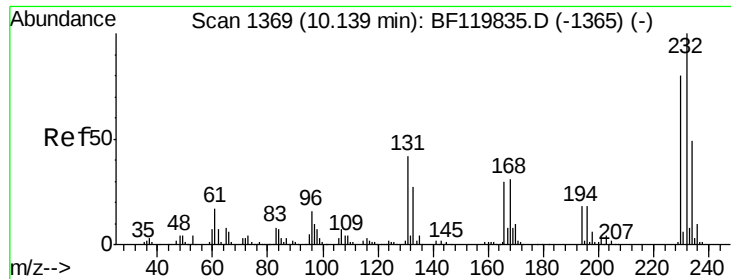
mohammad
4/10/2020 9:57:20 AM



#58
Fluorene
Concen: 37.738 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	909834		
165	94.4	74.2	111.2	
167	13.9	10.8	16.2	





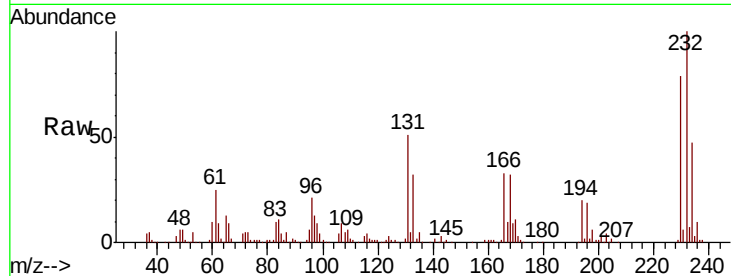
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.458 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.9	56.9
130	2.0	1.8	2.6
166	30.7	25.4	38.0

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM



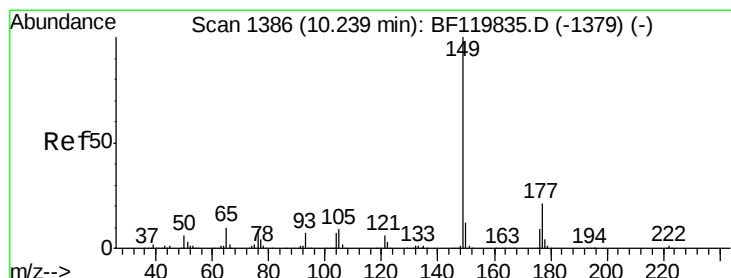
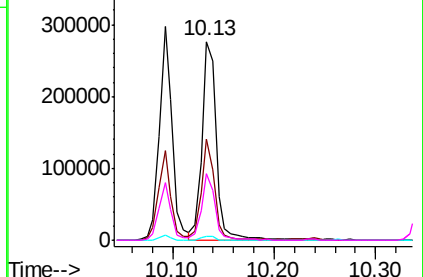
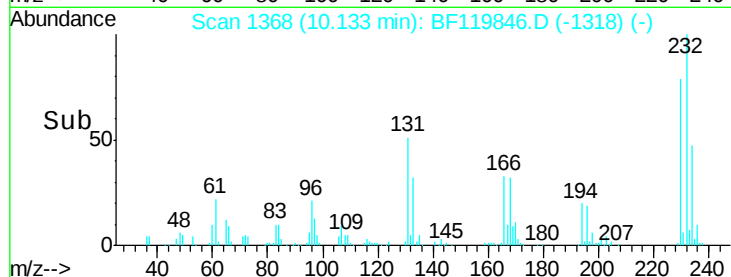
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

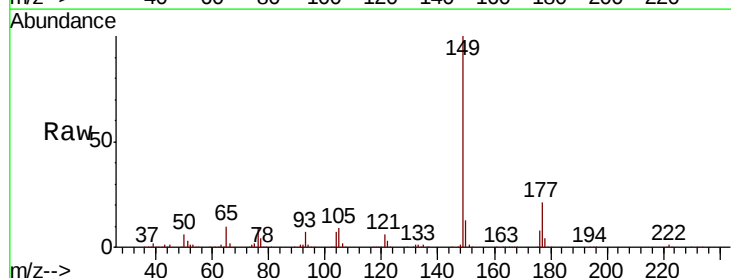
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.538 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	12.7	9.8	14.6

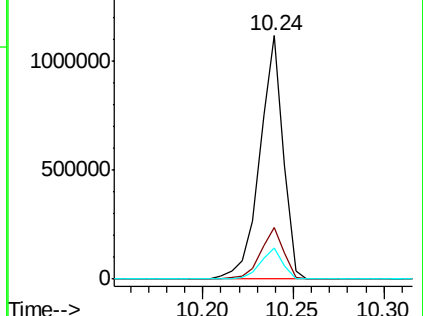
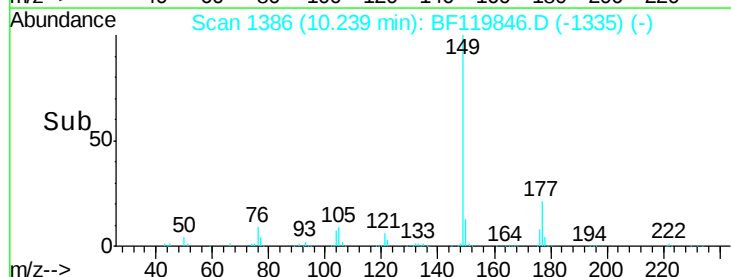


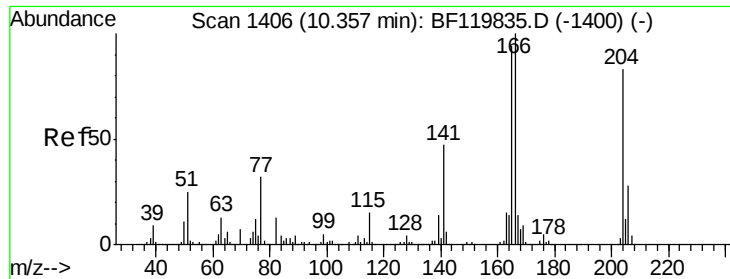
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





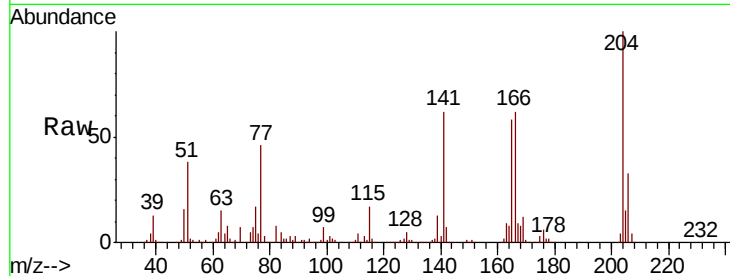
#61
 4-Chlorophenyl-phenylether
 Concen: 35.634 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

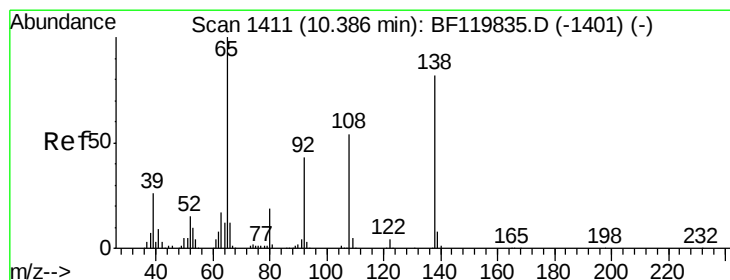
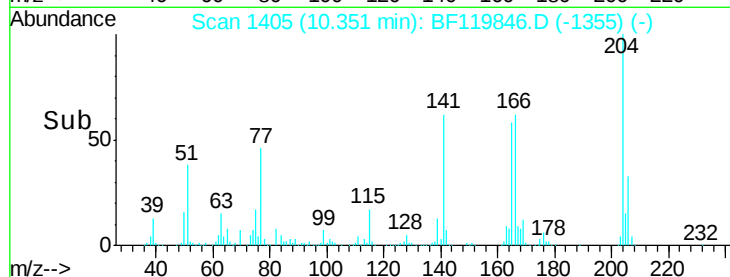
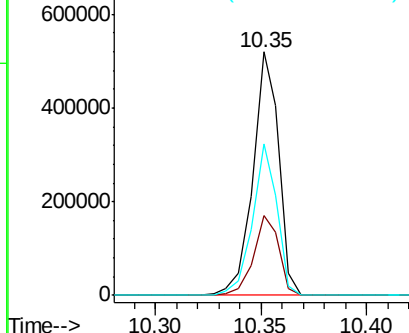
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	62.3	45.8	68.8

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:20 AM

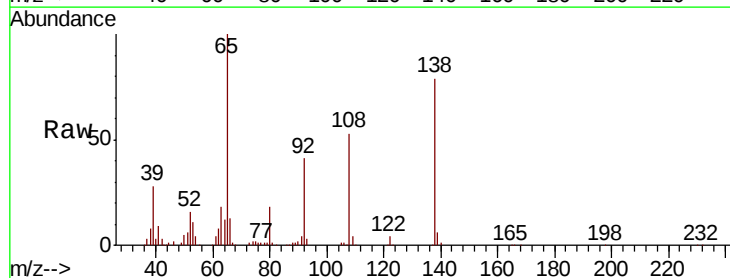


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

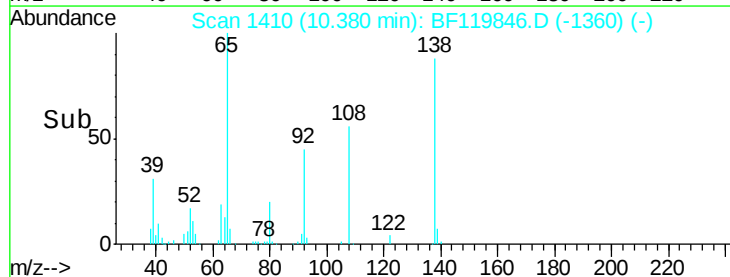
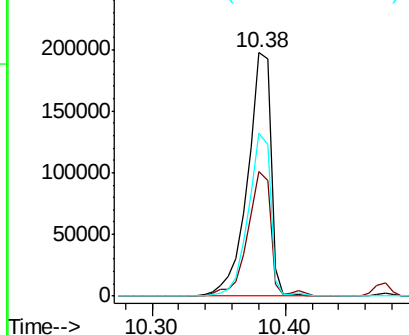


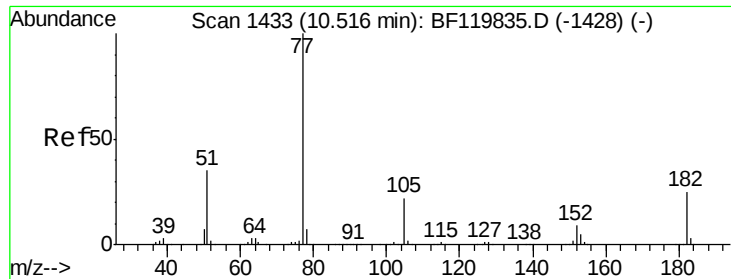
#62
 4-Nitroaniline
 Concen: 38.237 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.6	71.6
108	66.8	45.2	85.2



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





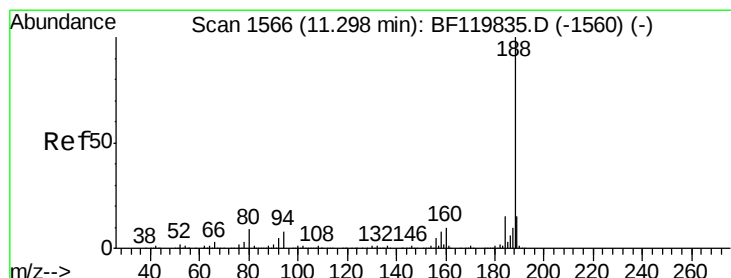
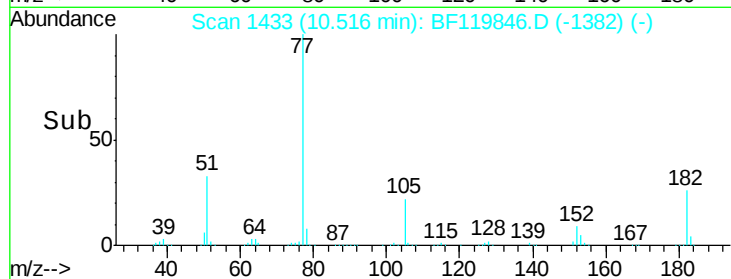
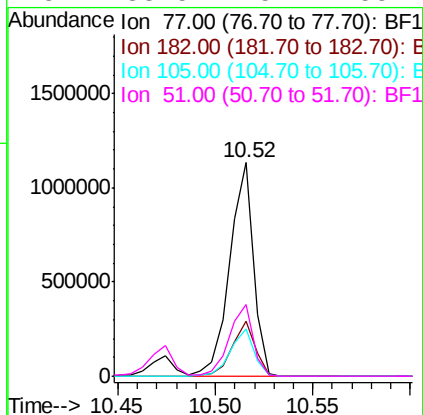
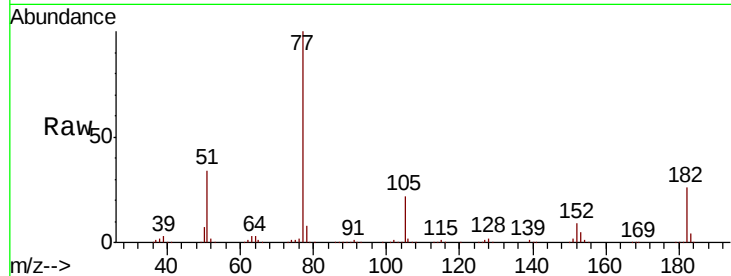
#63
Azobenzene
Concen: 40.094 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion:	77	Resp:	959327
Ion Ratio	Lower	Upper	
77	100		
182	25.6	4.5	44.5
105	22.3	2.2	42.2
51	33.5	15.1	55.1

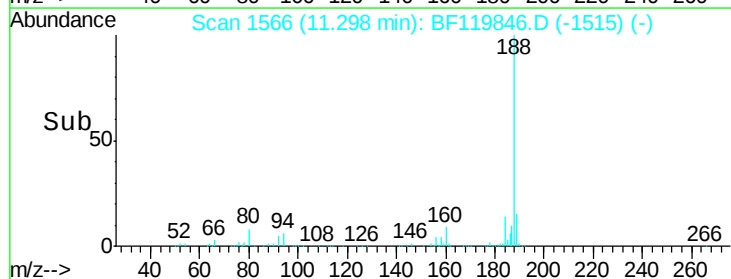
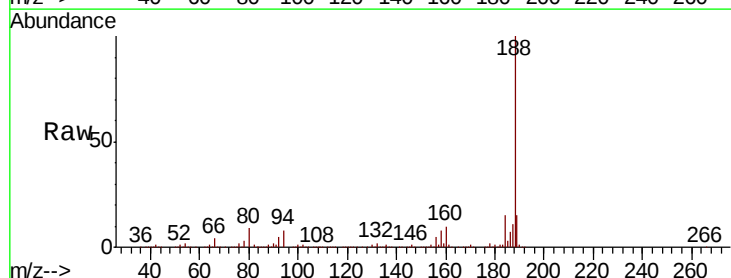
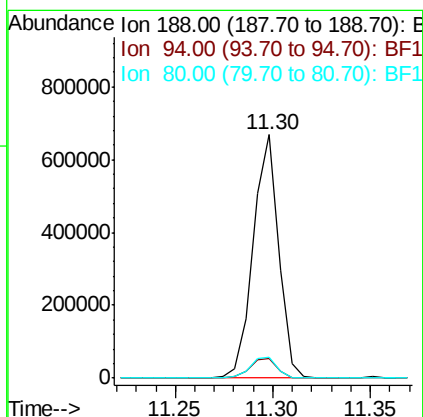
Manual Integrations
APPROVED

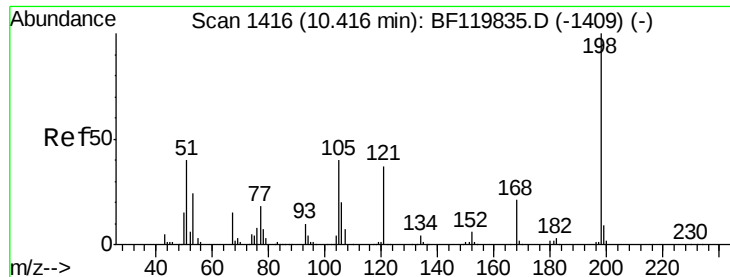
mohammad
4/10/2020 9:57:20 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:	188	Resp:	605270
Ion Ratio	Lower	Upper	
188	100		
94	8.3	6.7	10.1
80	8.6	7.4	11.2





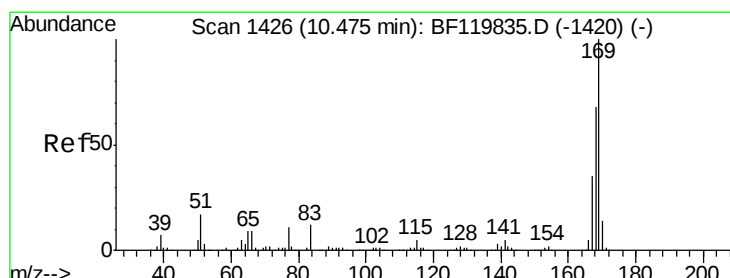
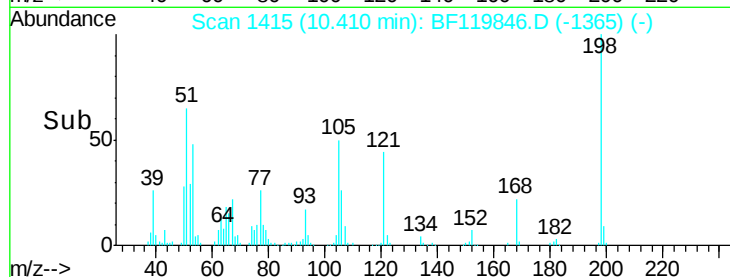
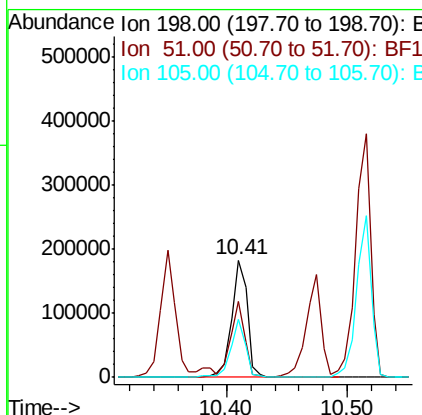
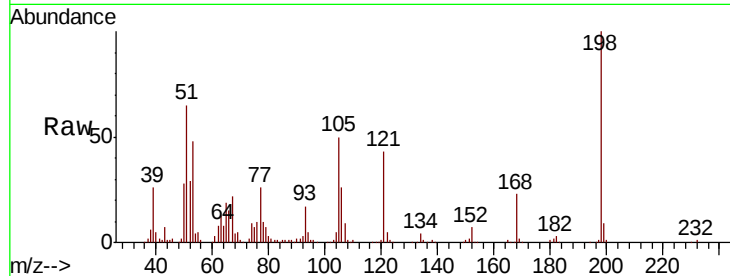
#65
4,6-Dinitro-2-methylphenol
Concen: 42.011 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampled :
PB128073BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	167523		
51	65.1	25.2	65.2	
105	50.0	20.8	60.8	

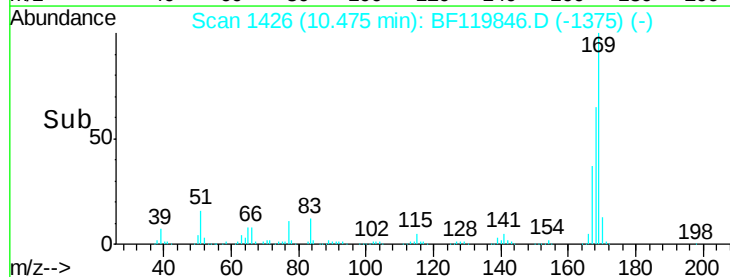
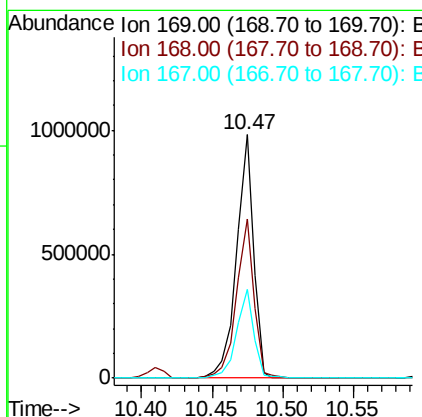
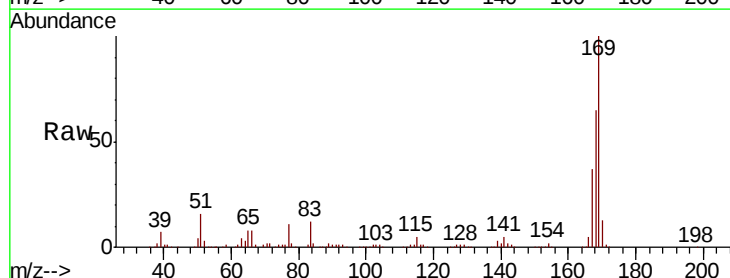
Manual Integrations
APPROVED

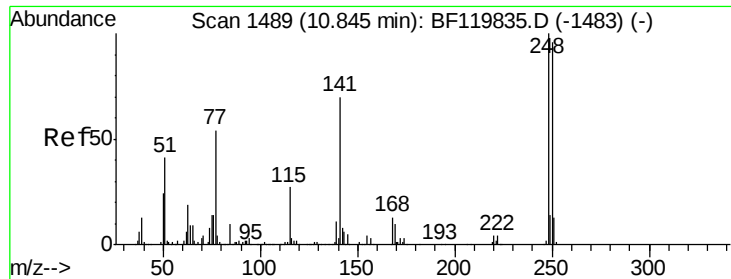
mohammad
4/10/2020 9:57:20 AM



#66
n-Nitrosodiphenylamine
Concen: 41.088 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	827089		
168	65.4	54.2	81.4	
167	36.6	28.3	42.5	





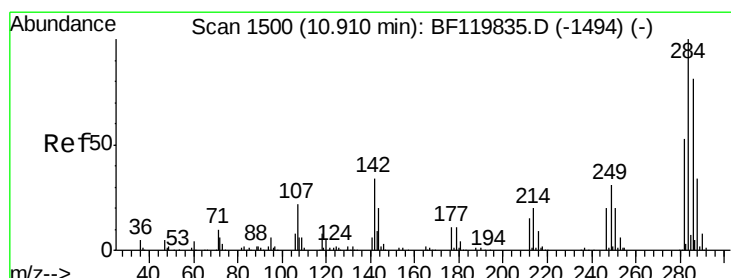
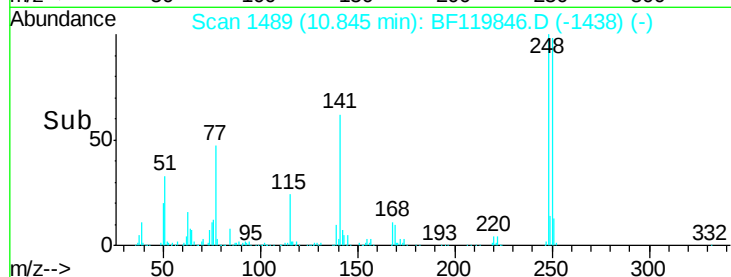
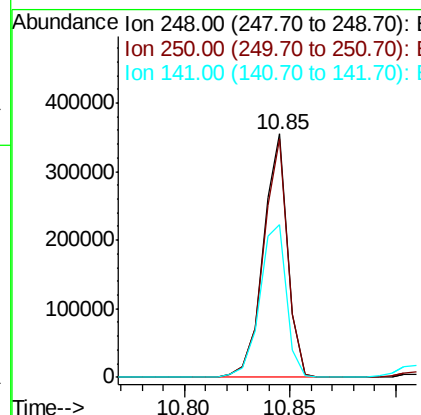
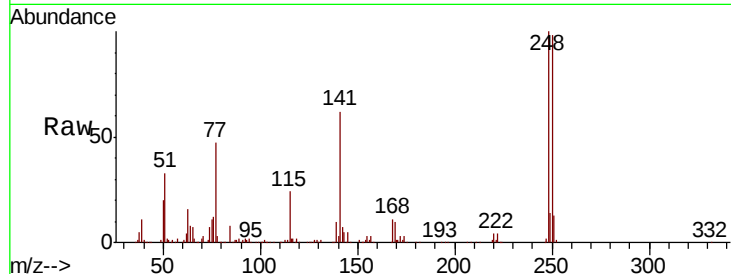
#67
 4-Bromophenyl-phenylether
 Concen: 37.719 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Tot Ion:	248	Resp:	283914
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.6	114.8
141	62.5	55.9	83.9

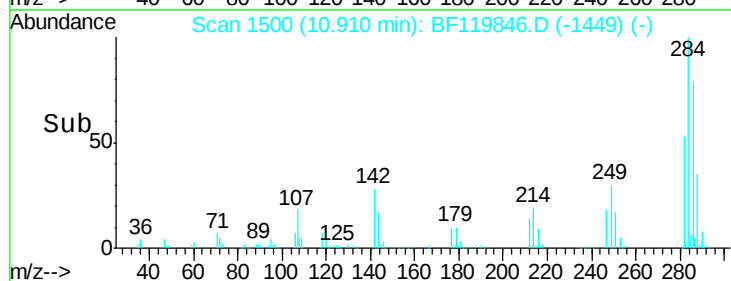
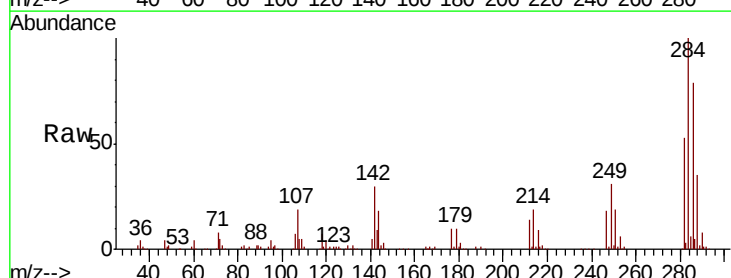
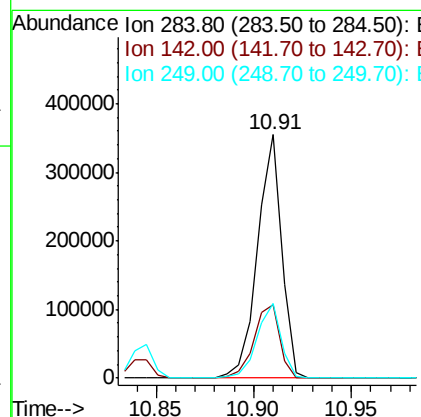
Manual Integrations
 APPROVED

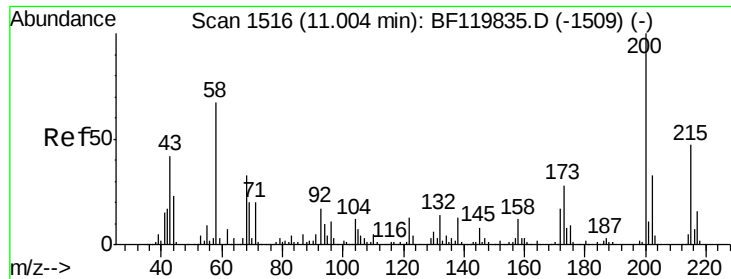
mohammad
 4/10/2020 9:57:20 AM



#68
 Hexachlorobenzene
 Concen: 40.000 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:	284	Resp:	305437
Ion Ratio	Lower	Upper	
284	100		
142	30.2	26.9	40.3
249	30.8	24.6	37.0





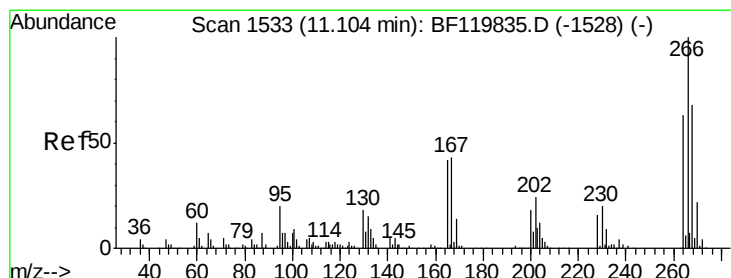
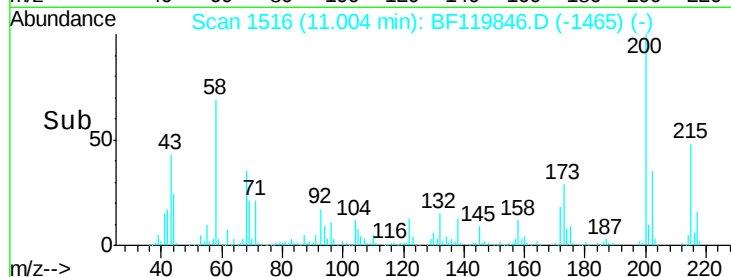
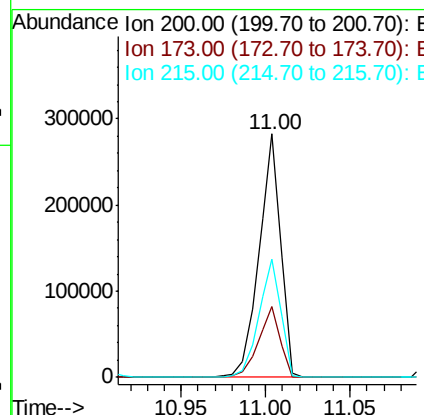
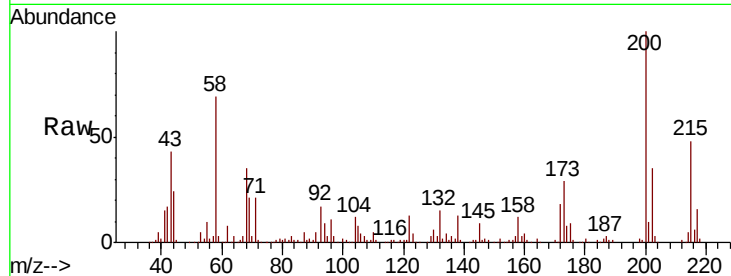
#69
Atrazine
Concen: 45.213 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.3	8.0	48.0
215	48.5	27.1	67.1

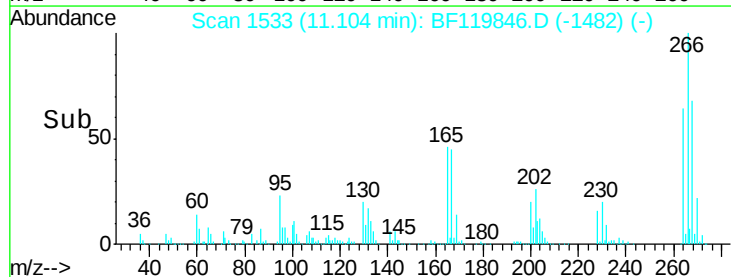
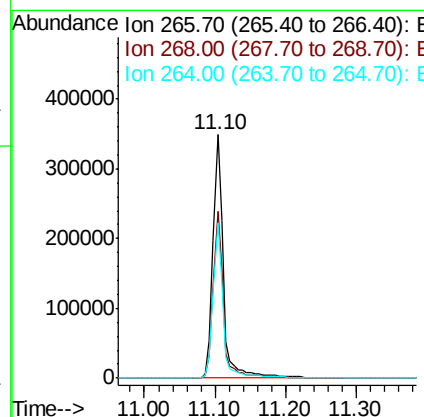
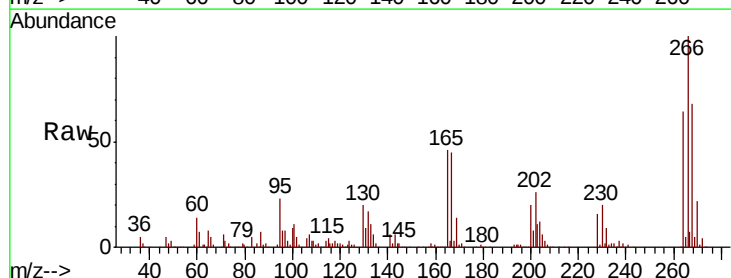
Manual Integrations
APPROVED

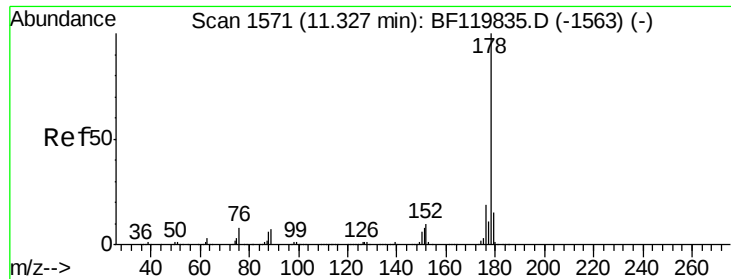
mohammad
4/10/2020 9:57:20 AM



#70
Pentachlorophenol
Concen: 81.417 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.4	54.2	81.4
264	63.5	50.6	76.0





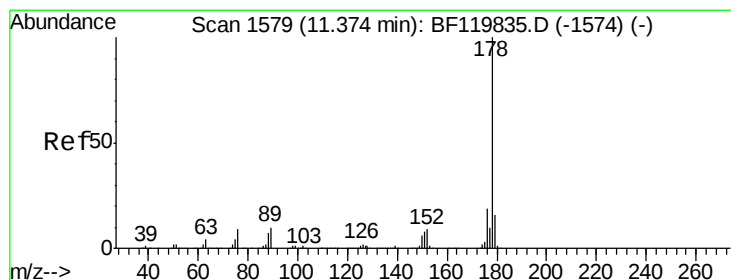
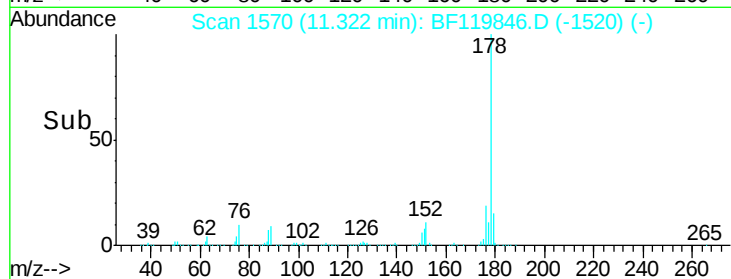
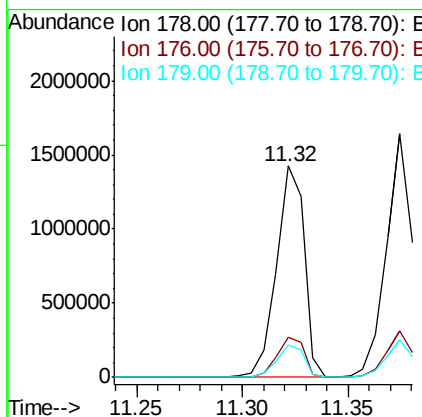
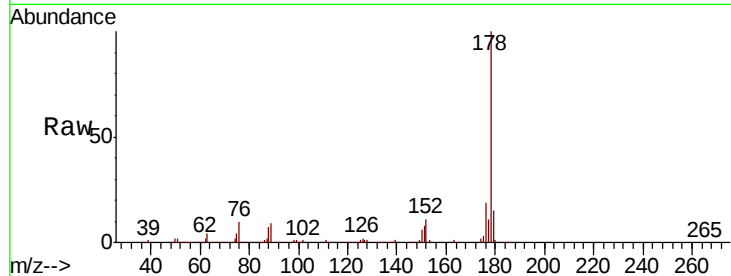
#71
Phenanthrene
Concen: 40.638 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion:178 Resp: 1309080
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.2 12.2 18.4

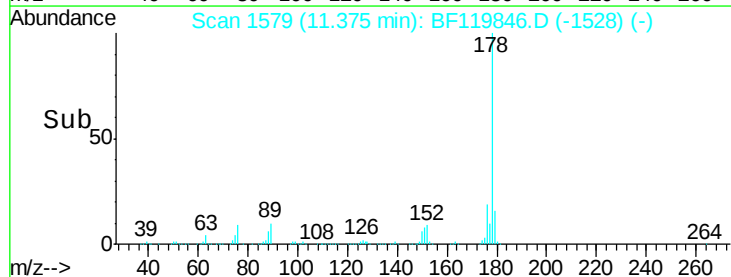
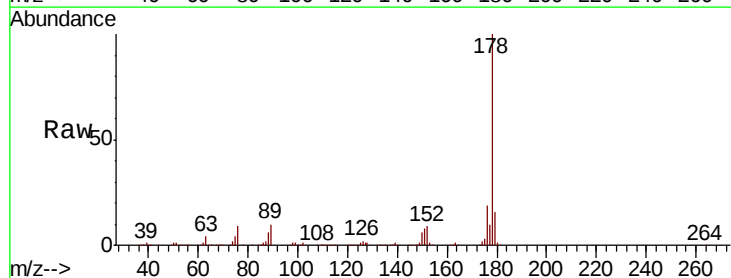
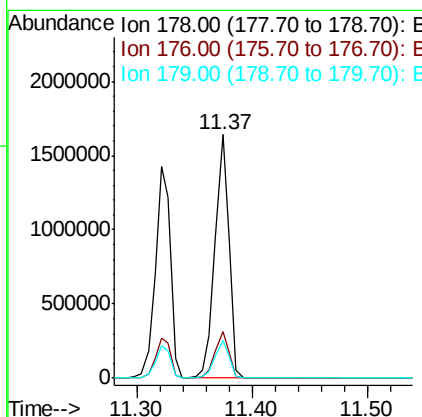
Manual Integrations
APPROVED

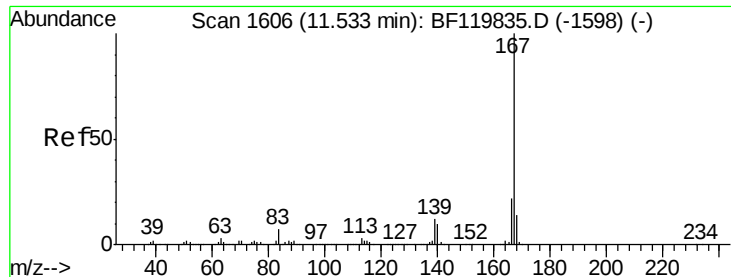
mohammad
4/10/2020 9:57:20 AM



#72
Anthracene
Concen: 42.111 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:178 Resp: 1385784
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.6 12.8 19.2





#73
 Carbazole
 Concen: 40.742 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

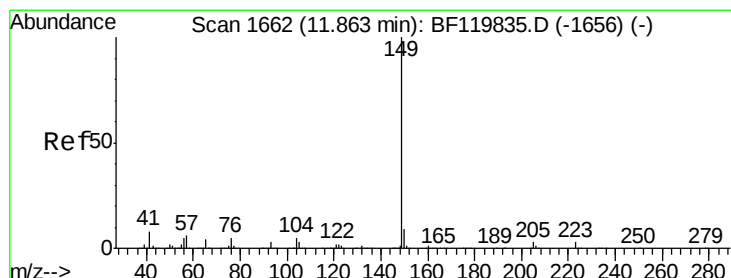
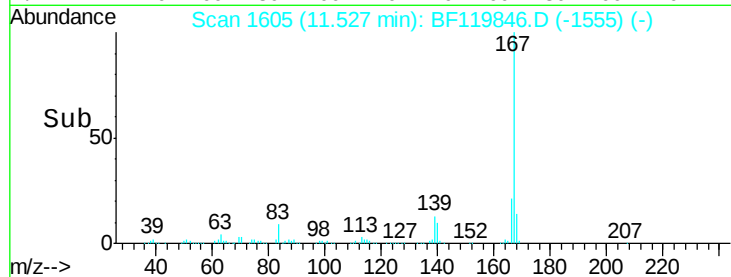
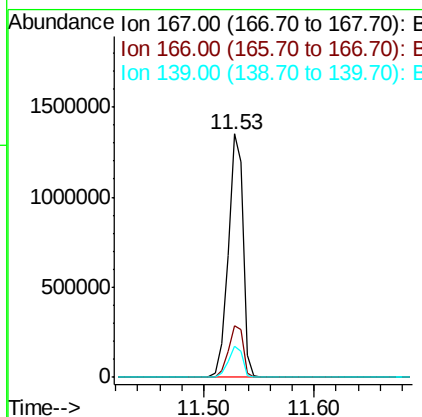
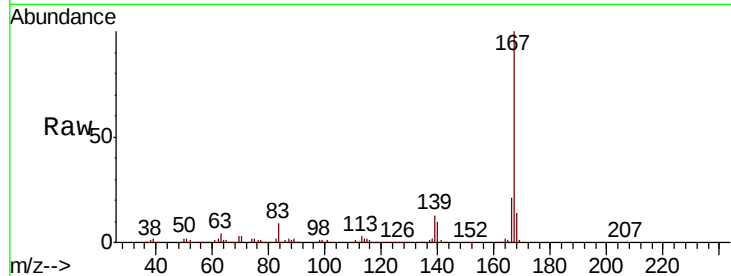
Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Tot Ion:167 Resp: 1267893

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	12.7	9.8	14.8

Manual Integrations
 APPROVED

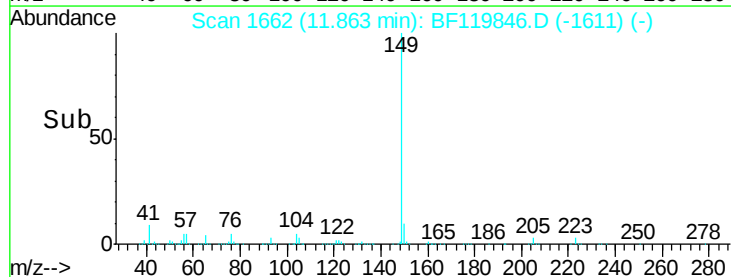
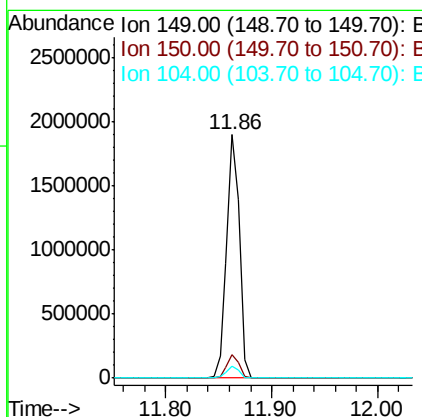
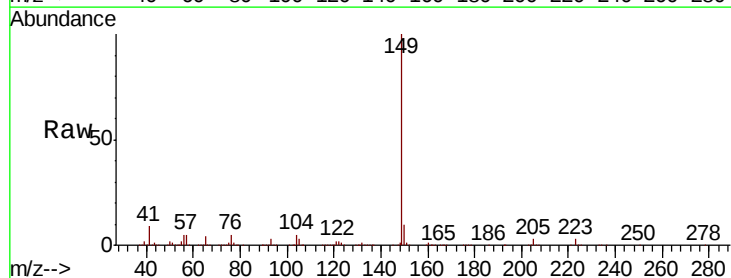
mohammad
 4/10/2020 9:57:20 AM

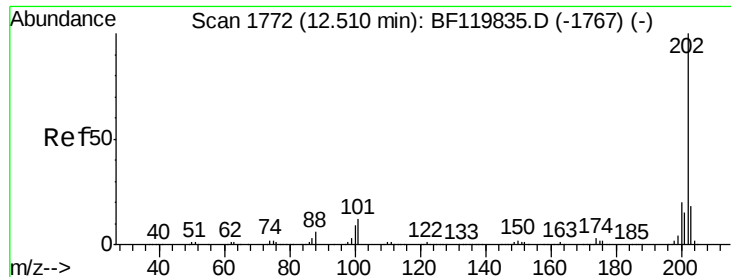


#74
 Di-n-butylphthalate
 Concen: 39.174 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:149 Resp: 1602613

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.7	3.8	5.6





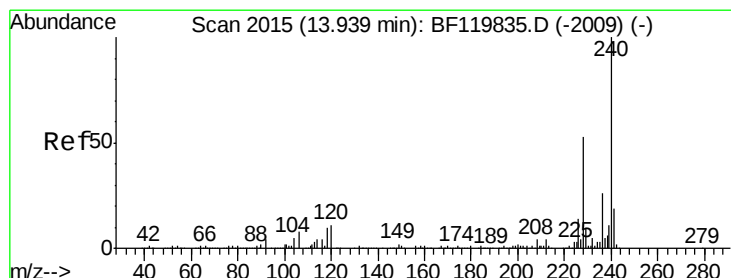
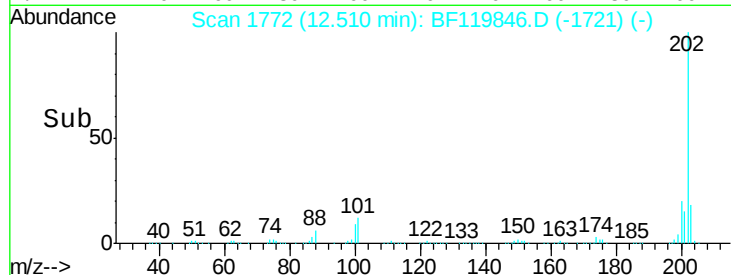
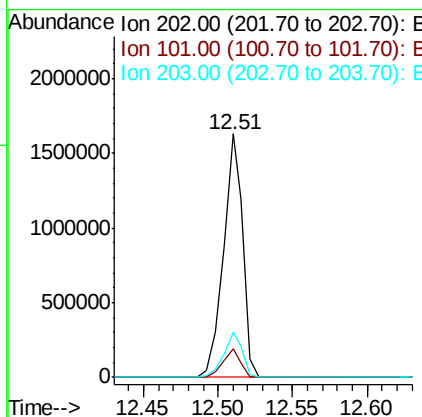
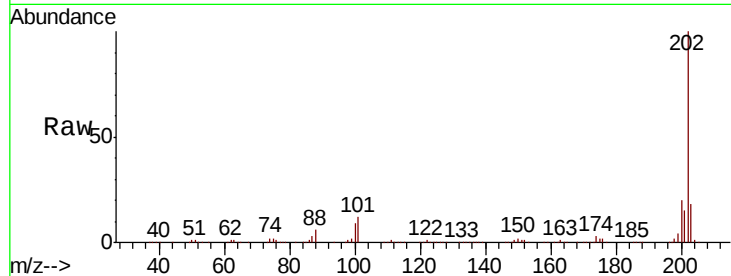
#75
Fluoranthene
 Concen: 42.627 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1481614		
101	11.6	0.0	32.3	
203	18.3	0.0	37.6	

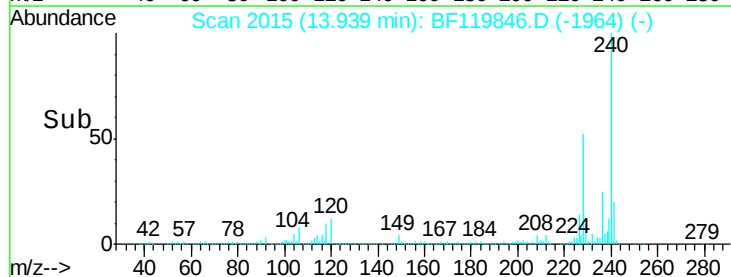
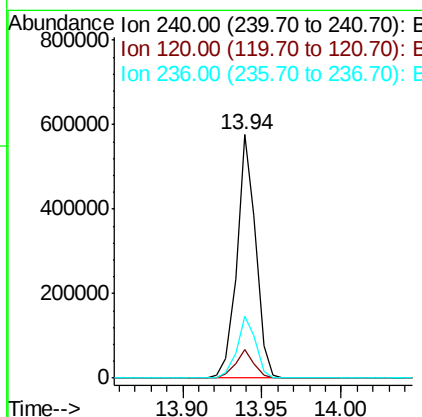
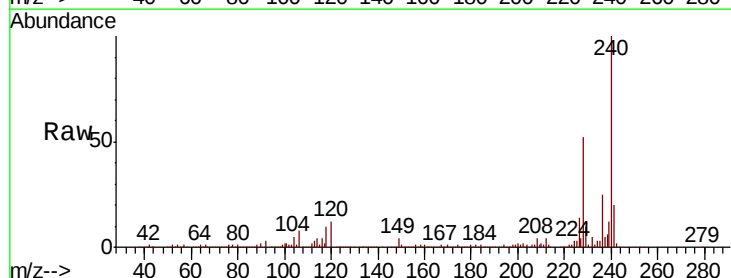
Manual Integrations
 APPROVED

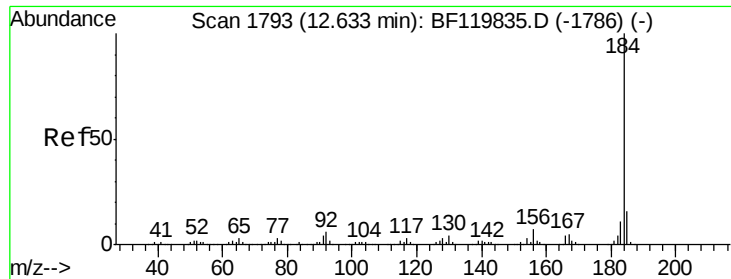
mohammad
 4/10/2020 9:57:20 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	473722		
120	11.7	9.0	13.6	
236	25.3	20.7	31.1	





#77

Benzidine

Concen: 39.289 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

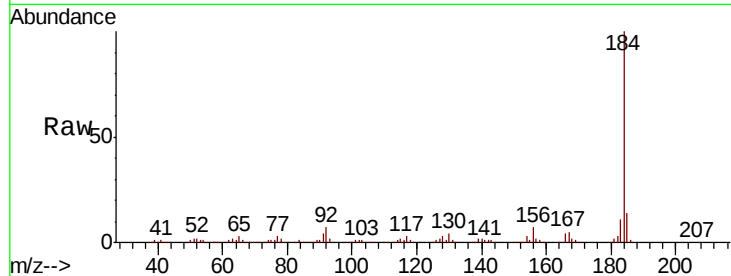
ClientSampleId :

PB128073BSD

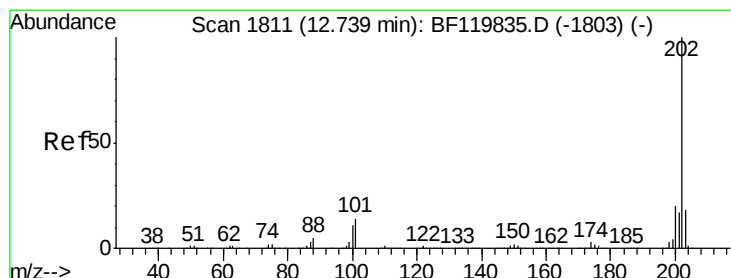
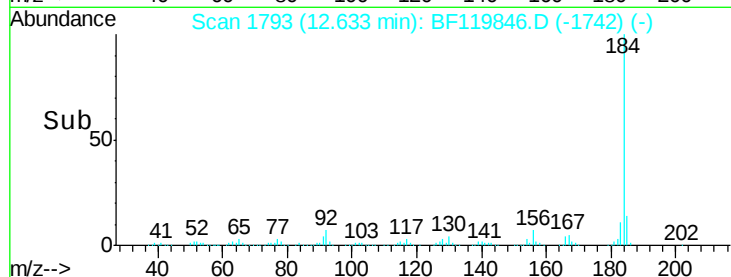
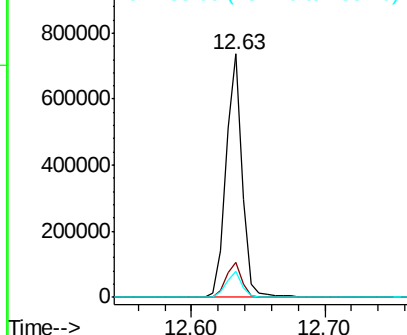
Tot Ion:	184	Resp:	629141
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.2	19.8
183	10.9	9.1	13.7

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM



Abundance Ion 184.00 (183.70 to 184.70): E
1000000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.238 ng

RT: 12.74 min Scan# 1811

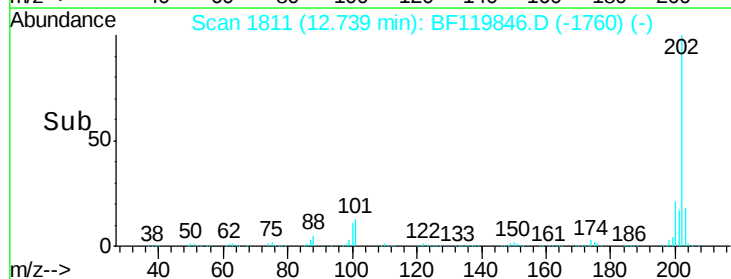
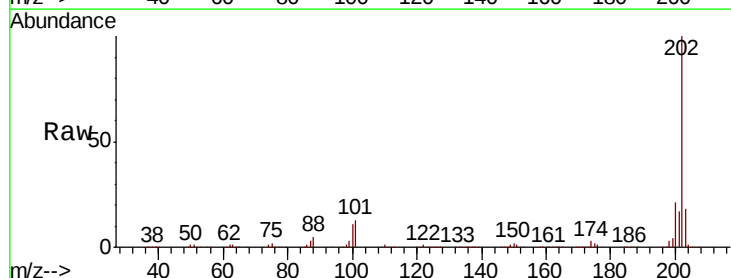
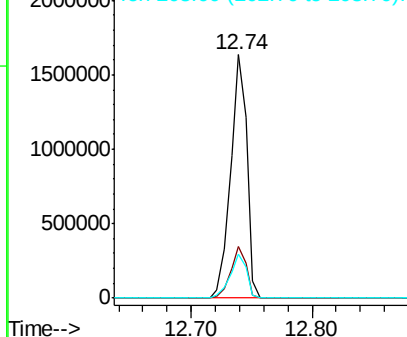
Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Tgt Ion:	202	Resp:	1527050
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.2	24.2
203	18.1	14.1	21.1

Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





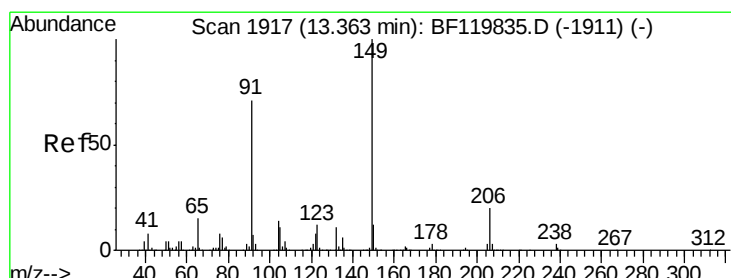
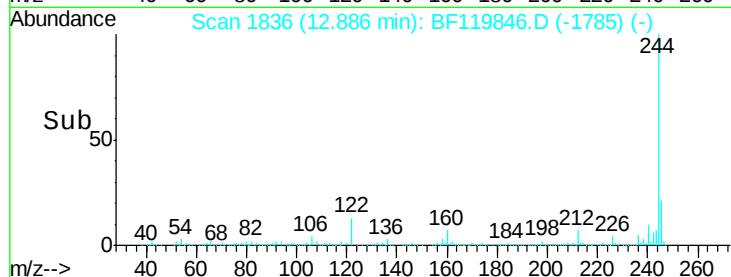
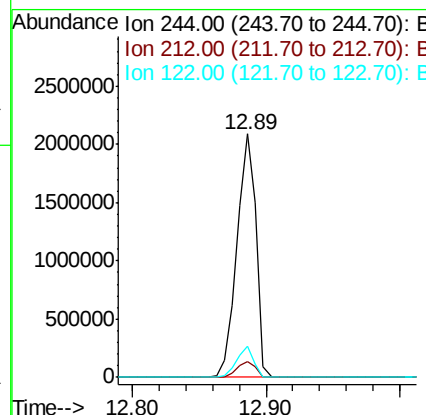
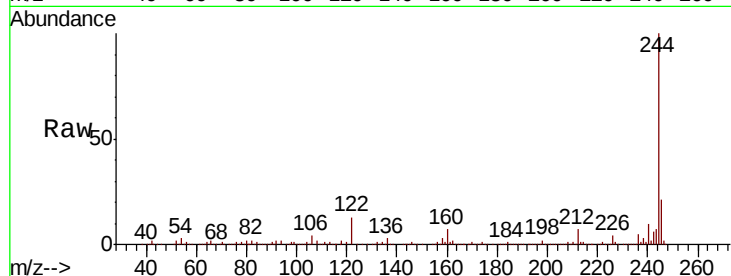
#79
 Terphenyl-d14
 Concen: 74.650 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Tot Ion:244 Resp: 2101633
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.8 10.3 15.5

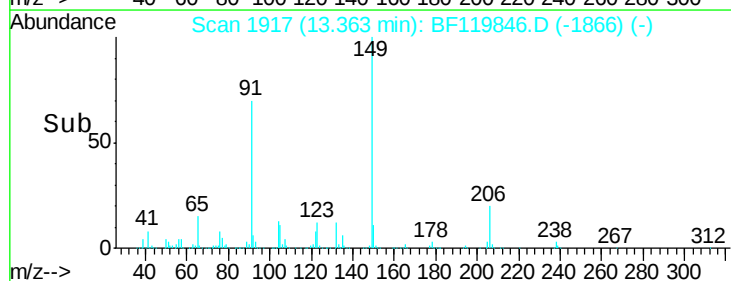
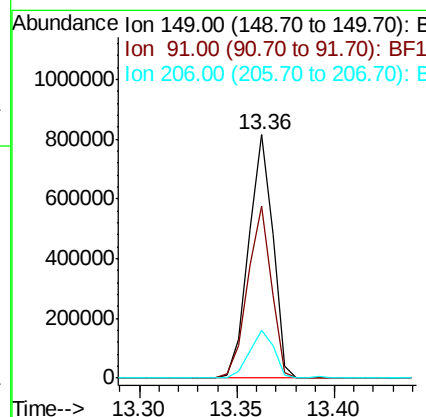
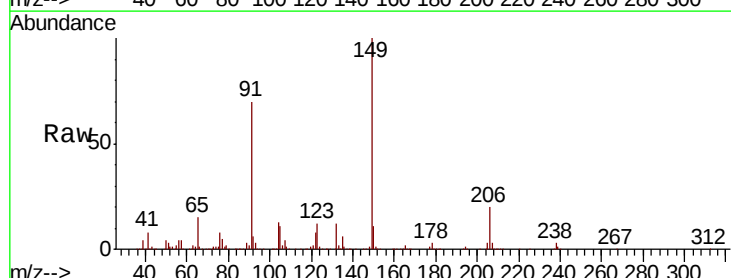
Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:20 AM



#80
 Butylbenzylphthalate
 Concen: 36.163 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:149 Resp: 700772
 Ion Ratio Lower Upper
 149 100
 91 70.5 56.7 85.1
 206 19.8 15.7 23.5





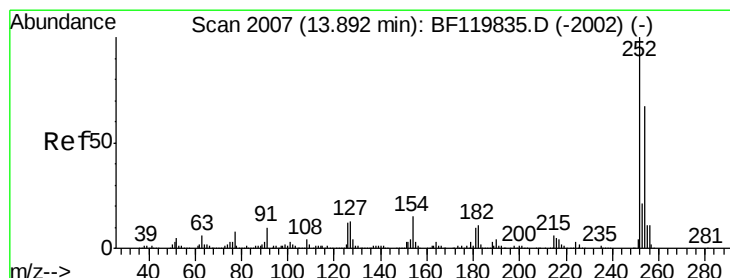
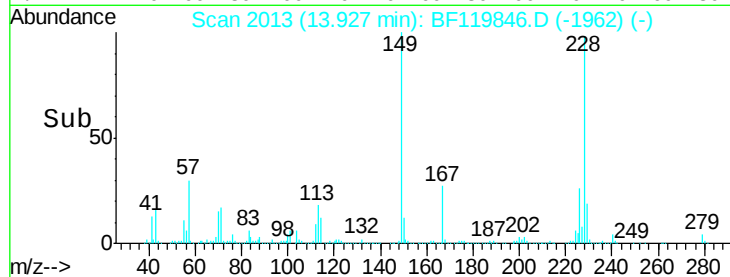
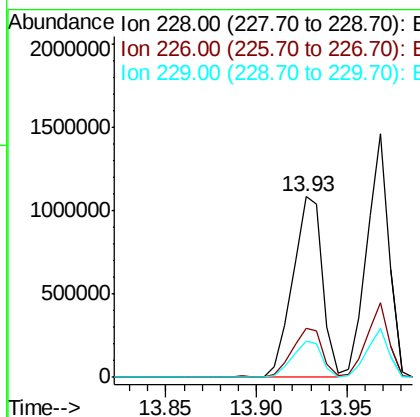
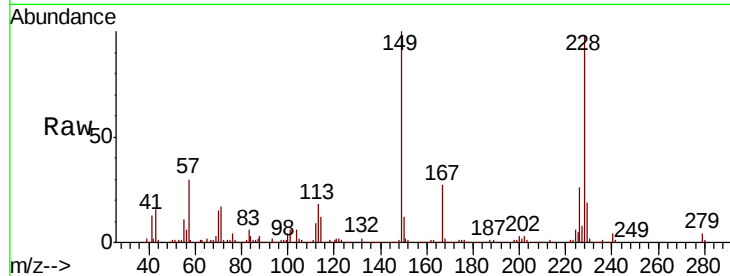
#81
Benzo(a)anthracene
Concen: 40.179 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	19.9	15.9	23.9

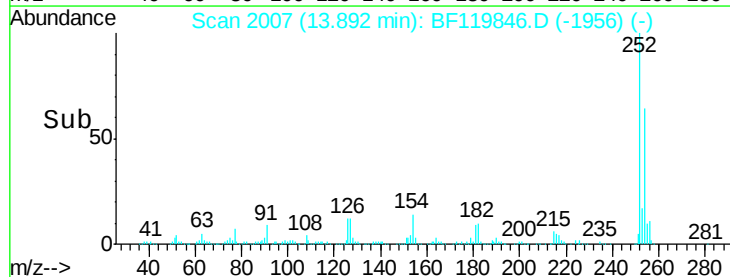
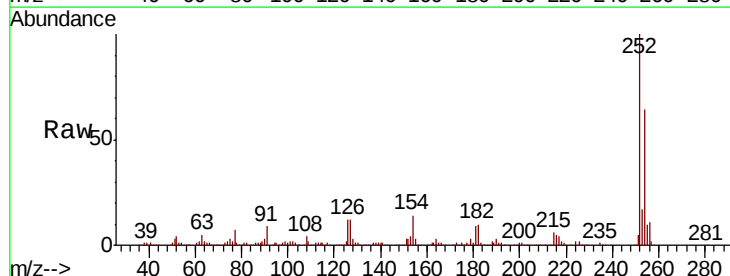
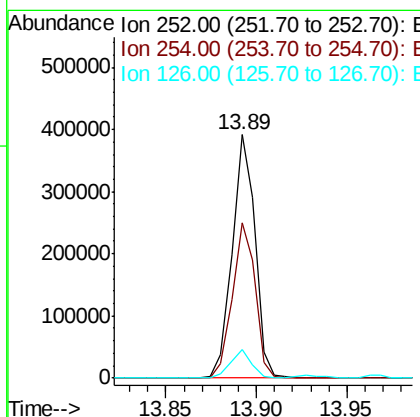
Manual Integrations
APPROVED

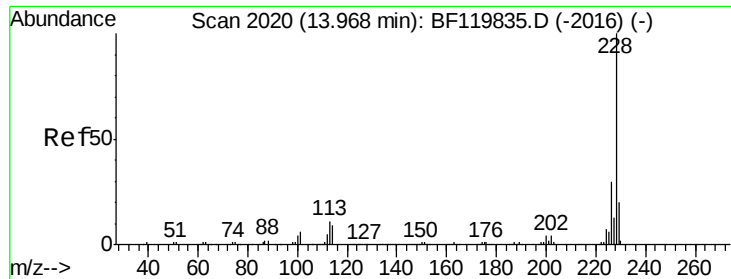
mohammad
4/10/2020 9:57:20 AM



#82
3,3'-Dichlorobenzidine
Concen: 29.650 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.9	80.9
126	11.8	9.7	14.5





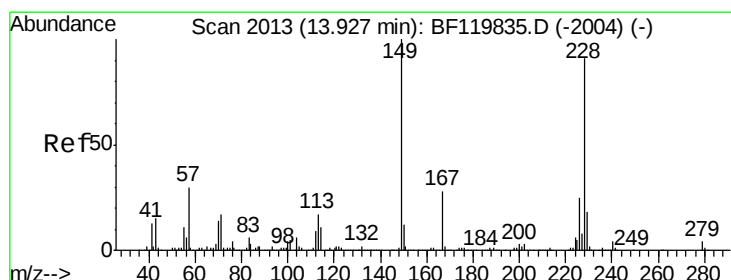
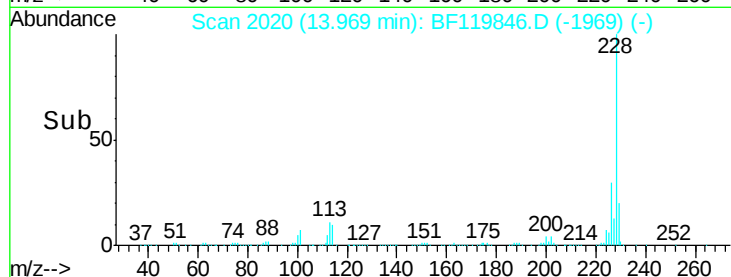
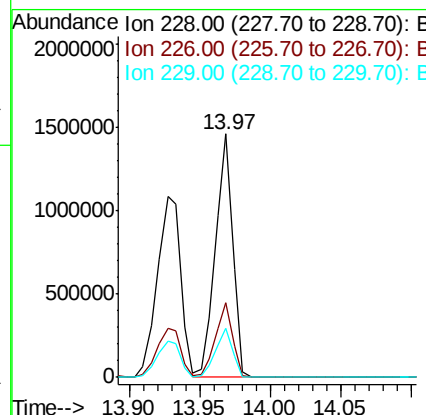
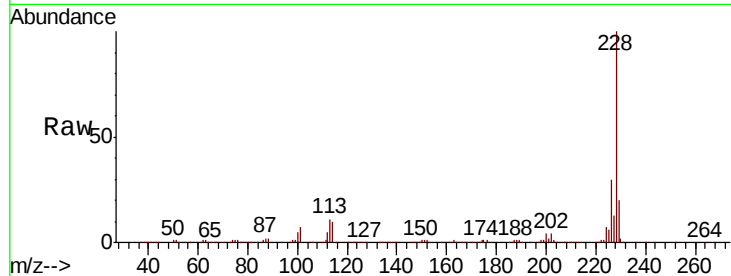
#83
 Chrvsene
 Concen: 39.429 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	20.0	15.9	23.9

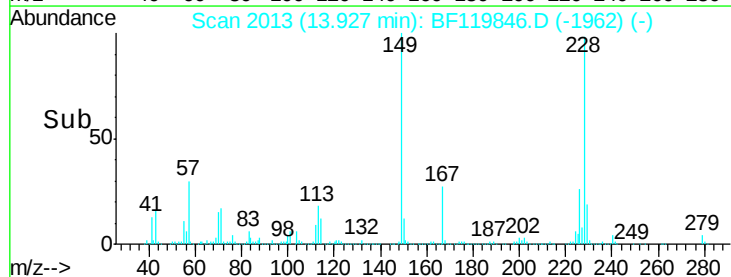
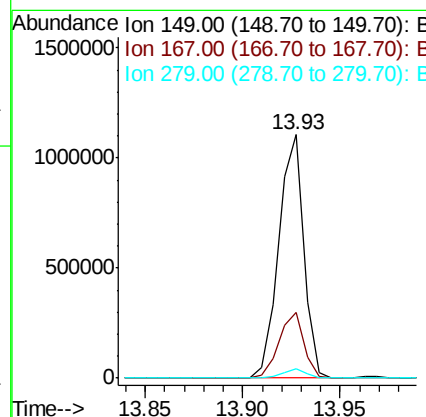
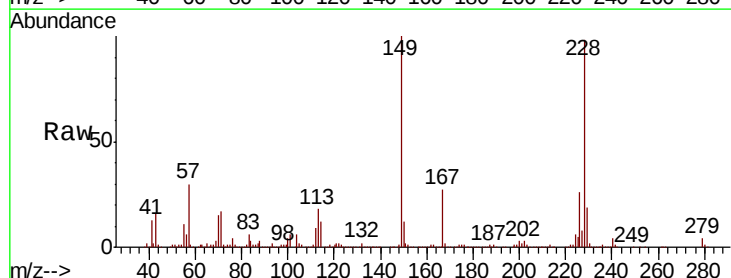
Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:20 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.389 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	4.1	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 36.529 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

PB128073BSD

Tot Ion:149 Resp: 1632157

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	9.2	13.8

149 100

167 1.5 1.2 1.8

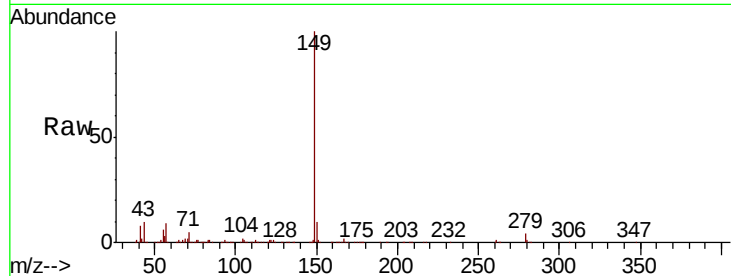
43 11.2 9.2 13.8

Manual Integrations

APPROVED

mohammad

4/10/2020 9:57:20 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

14.54

2000000

1500000

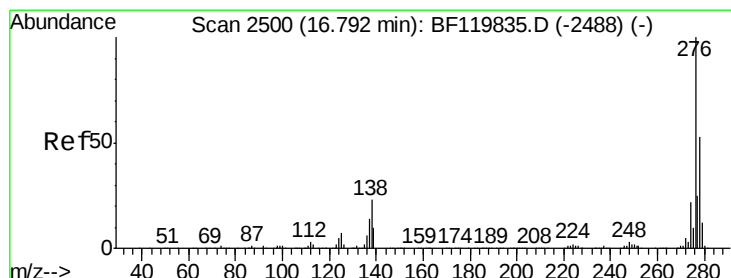
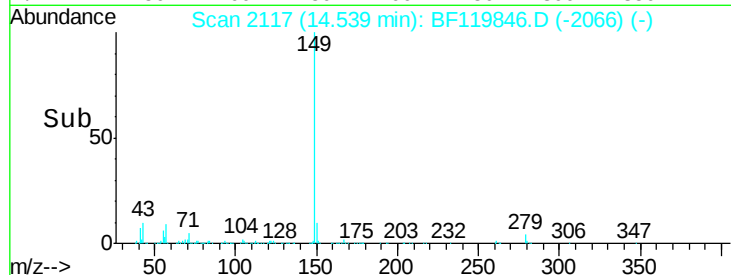
1000000

500000

0

14.50 14.60

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.589 ng

RT: 16.79 min Scan# 2500

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

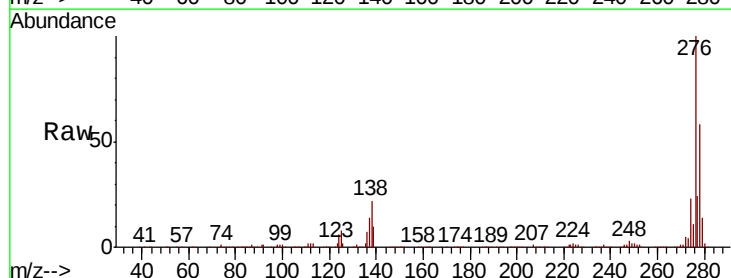
Tgt Ion:276 Resp: 1077137

Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.0	27.0
277	25.1	20.1	30.1

276 100

138 23.1 18.0 27.0

277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

16.79

500000

400000

300000

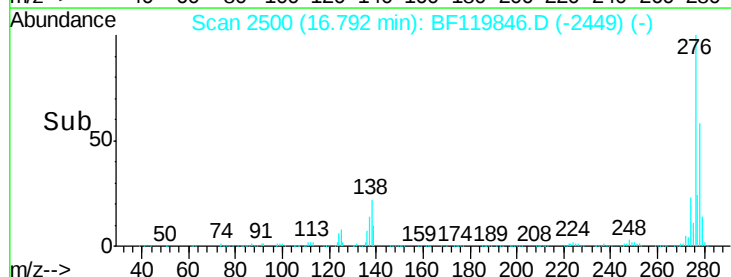
200000

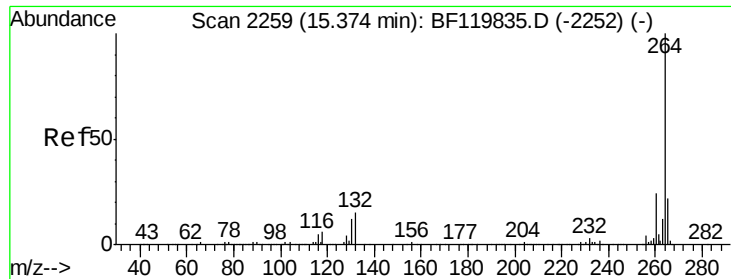
100000

0

16.70 16.80 16.90

Time-->





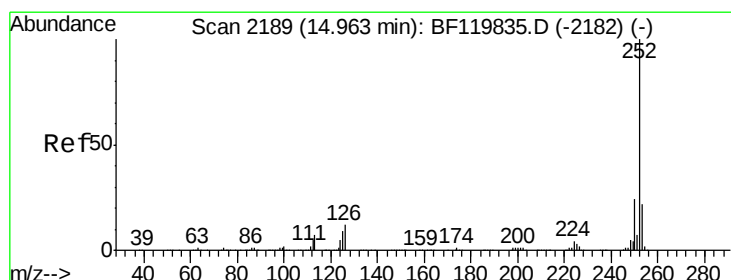
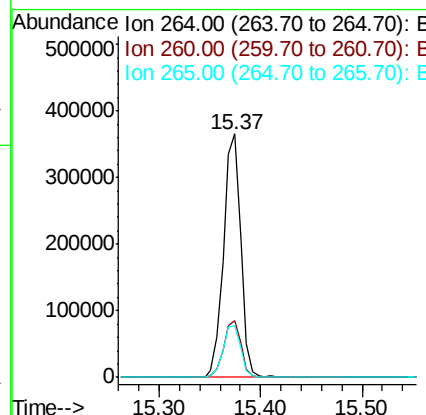
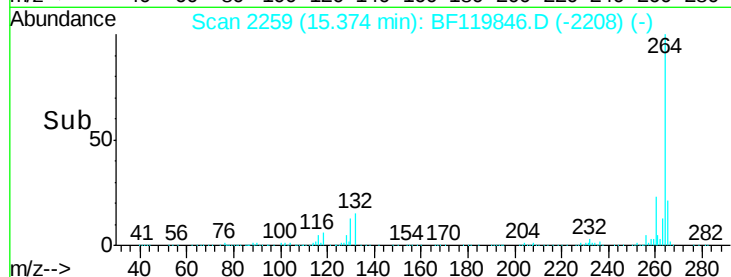
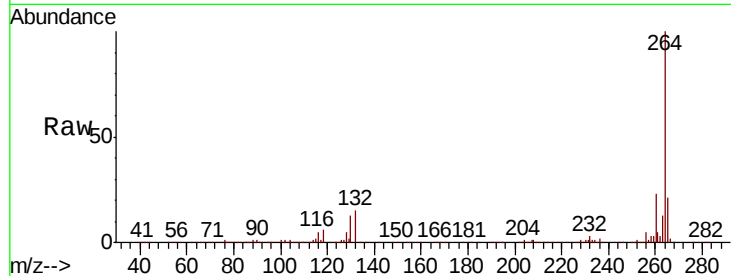
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.0	17.6	26.4

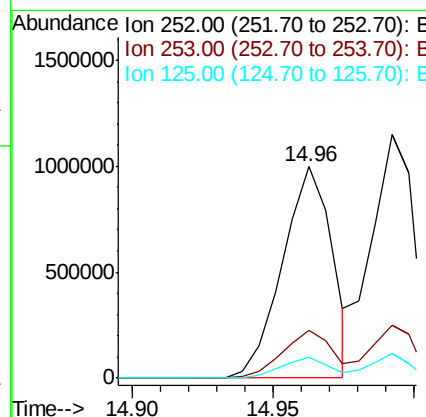
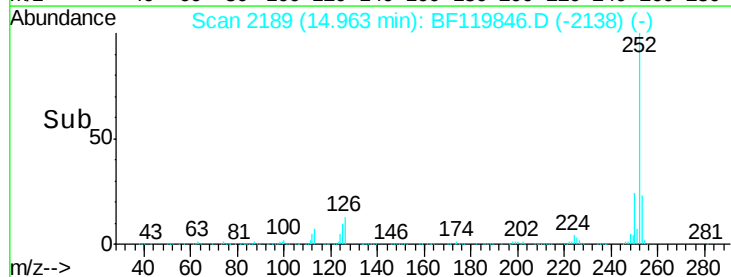
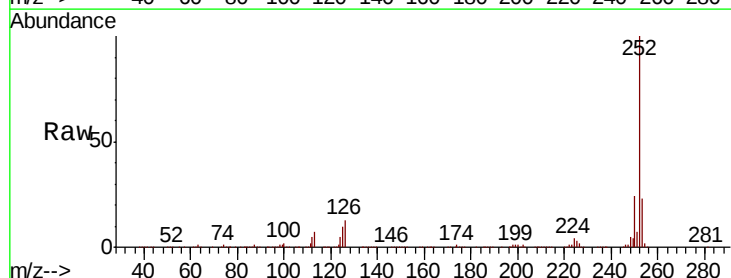
Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM



#88
Benzo(b)fluoranthene
Concen: 39.429 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.9	7.4	11.2





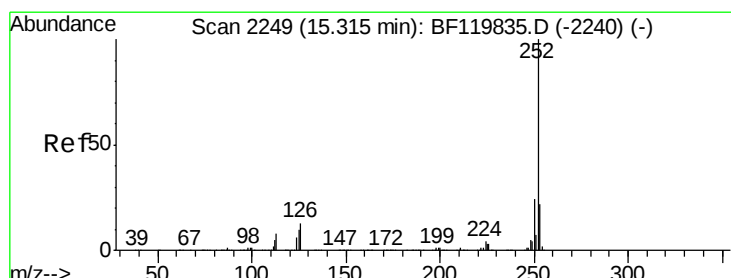
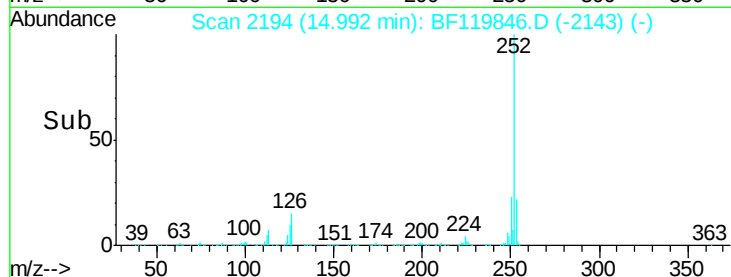
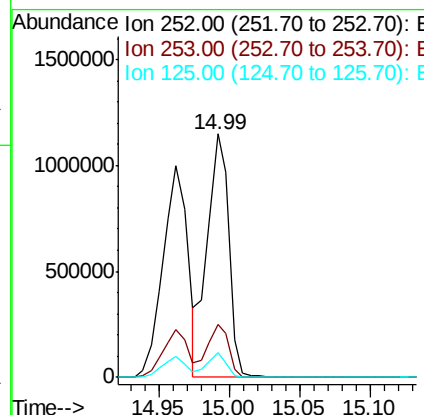
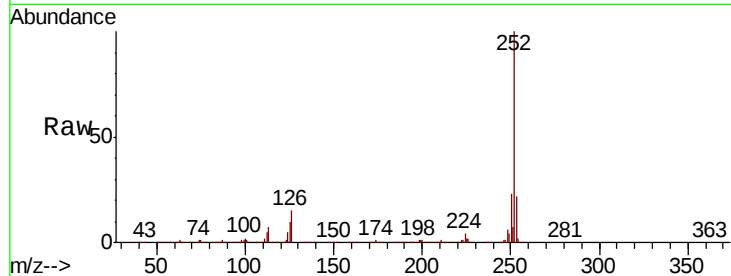
#89
Benzo(k)fluoranthene
Concen: 45.382 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.1	7.7	11.5

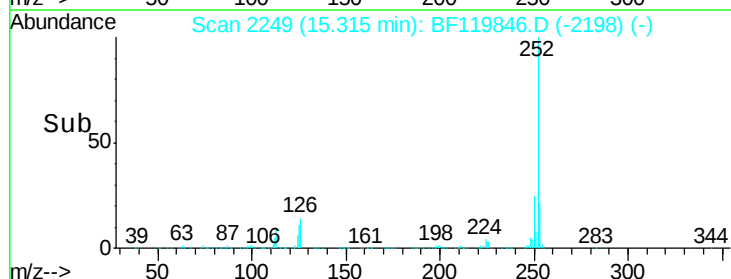
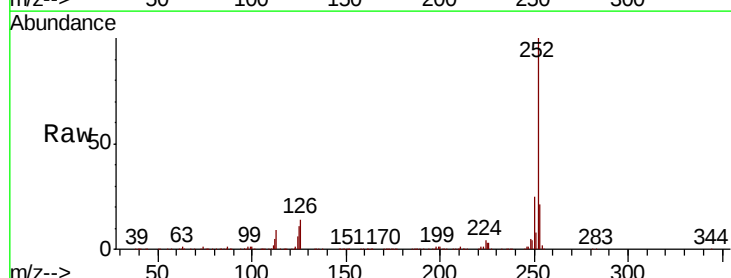
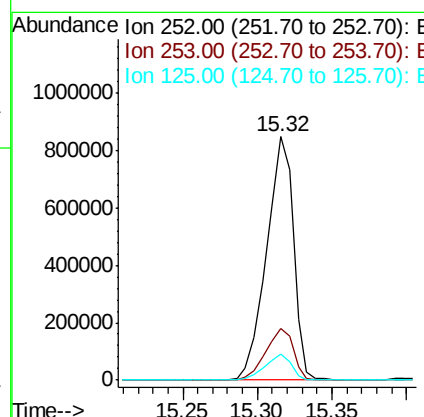
Manual Integrations
APPROVED

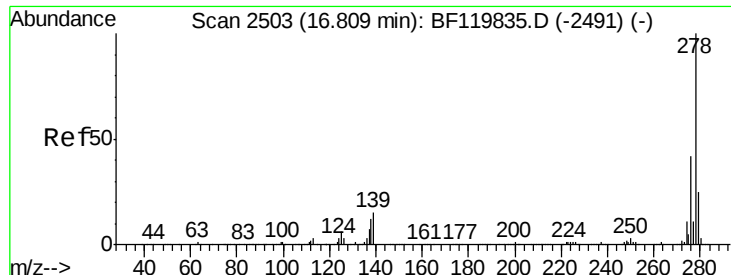
mohammad
4/10/2020 9:57:20 AM



#90
Benzo(a)pyrene
Concen: 40.435 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	10.6	8.3	12.5





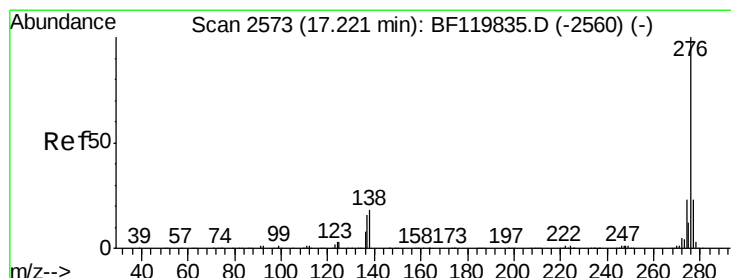
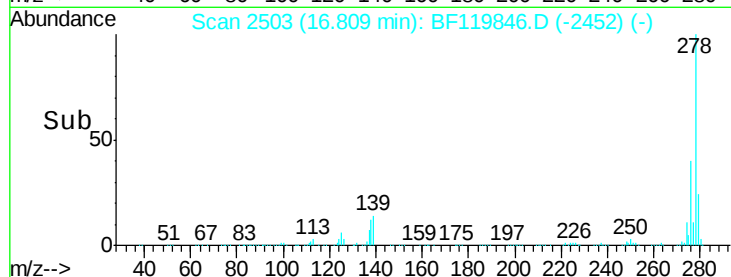
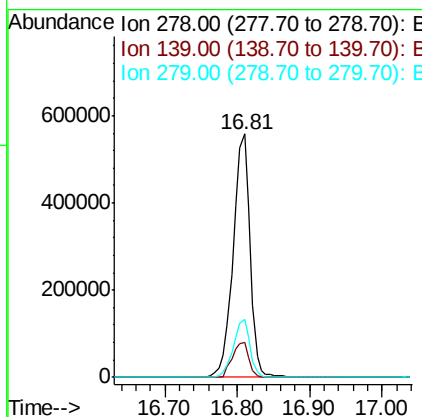
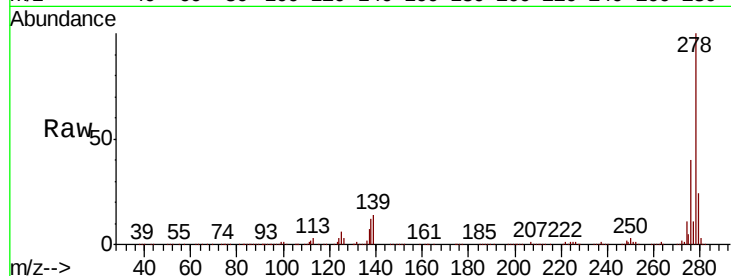
#91
Dibenzo(a,h)anthracene
Concen: 39.524 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.6	17.4
279	23.7	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:20 AM



#92
Benzo(g,h,i)perylene
Concen: 36.389 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	19.9	14.6	22.0

