

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119281.D
 Acq On : 9 Mar 2020 11:49
 Operator : CG/JU
 Sample : PB127309BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

Manual Integrations
 APPROVED

mohammad
 3/10/2020 2:44:04 PM

Quant Time: Mar 09 16:18:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121072	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	467965	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	266449	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	495669	20.00	ng	0.00
76) Chrysene-d12	13.89	240	325745	20.00	ng	0.00
87) Perylene-d12	15.31	264	249551	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	925854	127.80	ng	0.02
7) Phenol-d6	6.39	99	1109638	125.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	675079	76.17	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	421643	120.97	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1360818	75.24	ng	0.00
79) Terphenyl-d14	12.83	244	1611080	85.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	126249	39.140	ng	98
3) Pyridine	3.23	79	292997	33.260	ng	99
4) n-Nitrosodimethylamine	3.16	42	122426	45.877	ng	96
6) Aniline	6.39	93	346681	31.888	ng	# 82
8) 2-Chlorophenol	6.52	128	377672	48.305	ng	99
9) Benzaldehyde	6.28	77	158828	26.981	ng	97
10) Phenol	6.40	94	440991	46.293	ng	99
11) bis(2-Chloroethyl)ether	6.47	93	342183	46.946	ng	99
12) 1,3-Dichlorobenzene	6.67	146	409988	43.751	ng	98
13) 1,4-Dichlorobenzene	6.74	146	414136	44.164	ng	99
14) 1,2-Dichlorobenzene	6.90	146	382767	44.757	ng	99
15) Benzyl Alcohol	6.88	79	312536	49.080	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	270716	42.876	ng	# 26
17) 2-Methylphenol	7.00	107	306533	48.358	ng	93
18) Hexachloroethane	7.23	117	147401	43.936	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	260604	50.759	ng	98
20) 3+4-Methylphenols	7.16	107	402208	51.791	ng	# 86
22) Acetophenone	7.14	105	513030	47.382	ng	# 95
24) Nitrobenzene	7.32	77	397106	45.308	ng	98
25) Isophorone	7.55	82	711527	46.226	ng	98
26) 2-Nitrophenol	7.63	139	212271	45.710	ng	94
27) 2,4-Dimethylphenol	7.67	122	326274	51.768	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	434420	43.360	ng	100
29) 2,4-Dichlorophenol	7.88	162	336980	45.417	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	363350	41.304	ng	99
31) Naphthalene	8.03	128	1086310	44.760	ng	98
32) Benzoic acid	7.85	122	173233	39.107	ng	99
33) 4-Chloroaniline	8.09	127	277062	26.542	ng	98
34) Hexachlorobutadiene	8.15	225	219631	40.081	ng	98
35) Caprolactam	8.47	113	104573m	45.773	ng	
36) 4-Chloro-3-methylphenol	8.59	107	358507	47.743	ng	97
37) 2-Methylnaphthalene	8.72	142	750070	45.925	ng	99
38) 1-Methylnaphthalene	8.82	142	705466	45.929	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	376103	41.866	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119281.D
 Acq On : 9 Mar 2020 11:49
 Operator : CG/JU
 Sample : PB127309BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

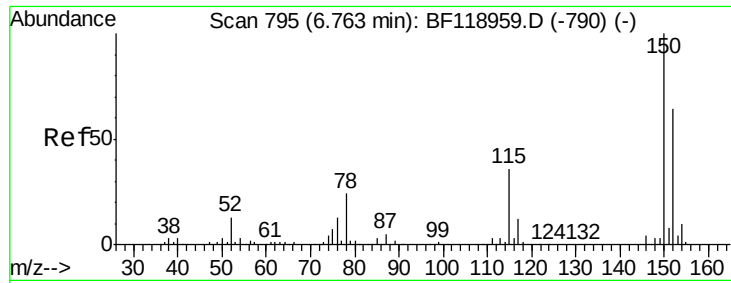
Manual Integrations
 APPROVED

mohammad
 3/10/2020 2:44:04 PM

Quant Time: Mar 09 16:18:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	135116	45.862	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	234375	41.314	nq	100
44) 2,4,5-Trichlorophenol	9.06	196	243598	40.920	nq	98
46) 1,1'-Biphenyl	9.19	154	907318	42.133	nq	98
47) 2-Chloronaphthalene	9.21	162	728023	41.952	nq	99
48) 2-Nitroaniline	9.32	65	213305	44.069	nq	96
49) Acenaphthylene	9.63	152	1102929	44.005	nq	99
50) Dimethylphthalate	9.49	163	882637	43.320	nq	98
51) 2,6-Dinitrotoluene	9.56	165	200936	44.389	nq #	80
52) Acenaphthene	9.80	154	655227	43.355	nq	99
53) 3-Nitroaniline	9.73	138	143528	28.600	nq	93
54) 2,4-Dinitrophenol	9.86	184	151143	69.755	nq	95
55) Dibenzofuran	9.97	168	968587	42.938	nq	99
56) 4-Nitrophenol	9.92	139	169988	56.378	nq	90
57) 2,4-Dinitrotoluene	9.97	165	249549	42.531	nq	93
58) Fluorene	10.31	166	788298	44.972	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	218624	43.523	nq	97
60) Diethylphthalate	10.19	149	862660	44.928	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	409451	44.131	nq	99
62) 4-Nitroaniline	10.35	138	175774	34.235	nq	95
63) Azobenzene	10.46	77	769666	46.117	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	132919	44.316	nq	90
66) n-Nitrosodiphenylamine	10.43	169	718853	44.292	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	270801	41.797	nq	96
68) Hexachlorobenzene	10.87	284	313683	41.993	nq	97
69) Atrazine	10.96	200	256306	45.199	nq	98
70) Pentachlorophenol	11.07	266	209524	69.630	nq	99
71) Phenanthrene	11.27	178	1167797	43.202	nq	99
72) Anthracene	11.33	178	1209422	44.779	nq	98
73) Carbazole	11.48	167	1043099	43.351	nq	98
74) Di-n-butylphthalate	11.80	149	1307289	44.864	nq	99
75) Fluoranthene	12.46	202	1234611	43.028	nq	99
77) Benzidine	12.58	184	327454	24.718	nq	99
78) Pyrene	12.69	202	1217702	46.554	nq	99
80) Butylbenzylphthalate	13.30	149	520172	47.251	nq	98
81) Benzo(a)anthracene	13.88	228	1002222	45.155	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	284850	33.051	nq	99
83) Chrysene	13.92	228	960372	43.425	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	701178	50.416	nq	100
85) Di-n-octyl phthalate	14.46	149	1039218	46.897	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	800817	37.397	nq	99
88) Benzo(b)fluoranthene	14.91	252	828428	50.363	nq	98
89) Benzo(k)fluoranthene	14.93	252	777757	51.022	nq	100
90) Benzo(a)pyrene	15.26	252	700445	47.182	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	679466	52.017	nq	99
92) Benzo(g,h,i)perylene	17.14	276	678676	52.585	nq	99

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



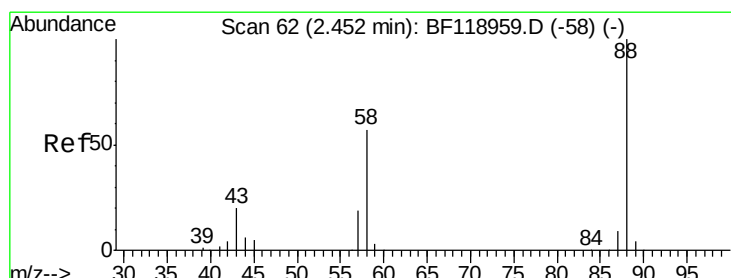
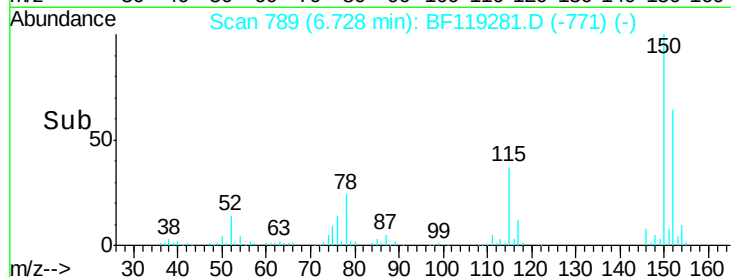
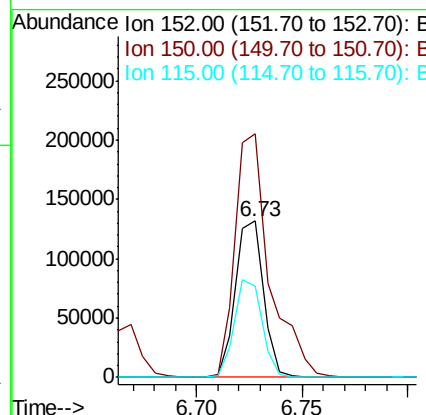
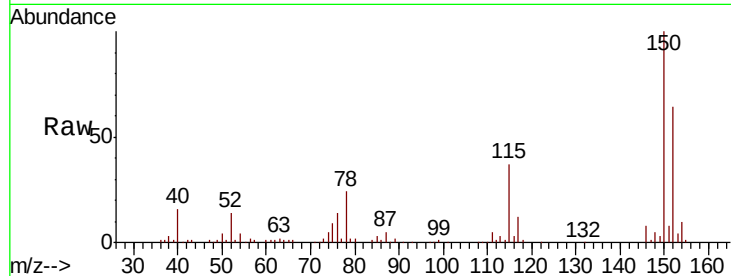
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.0	184.6
115	58.3	49.5	74.3

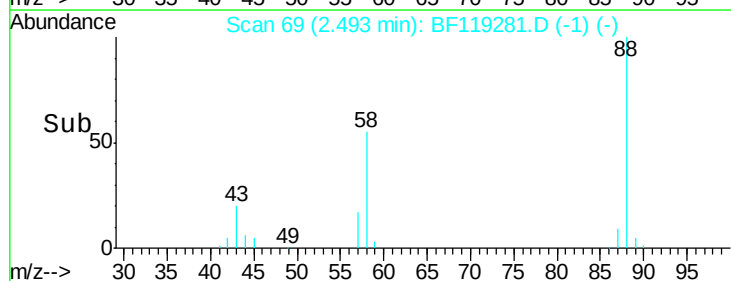
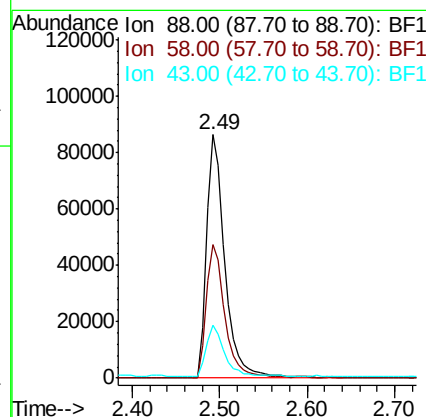
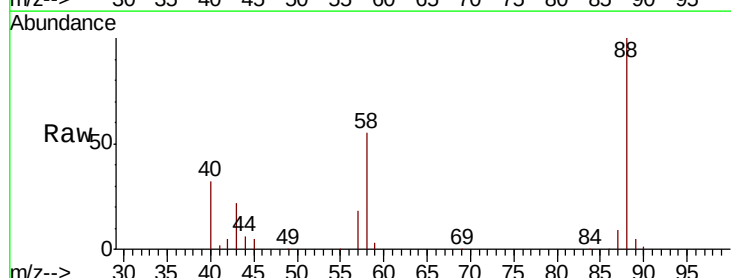
Manual Integrations
 APPROVED

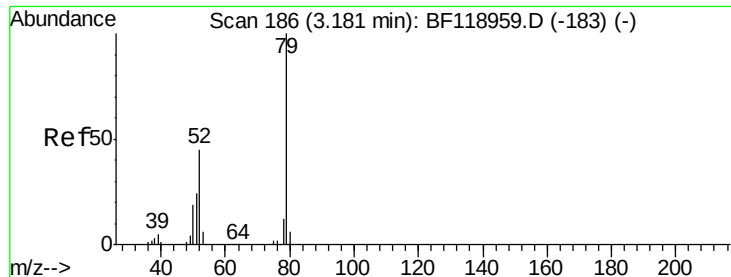
mohammad
 3/10/2020 2:44:04 PM



#2
 1,4-Dioxane
 Concen: 39.140 ng
 RT: 2.49 min Scan# 69
 Delta R.T. 0.11 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	43.8	65.6
43	20.6	16.2	24.4





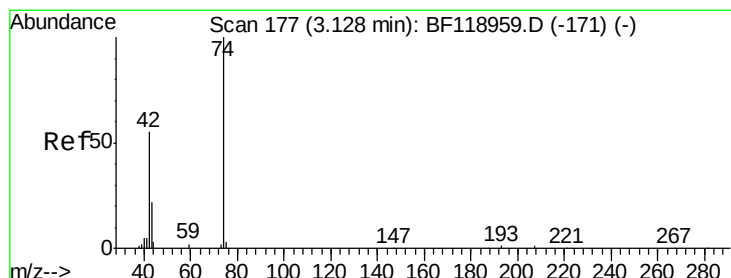
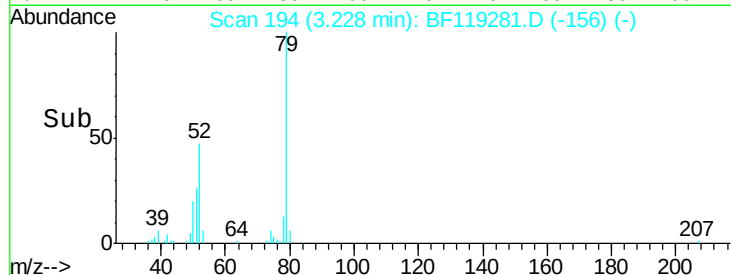
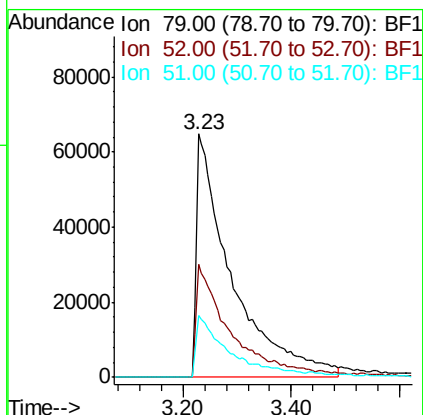
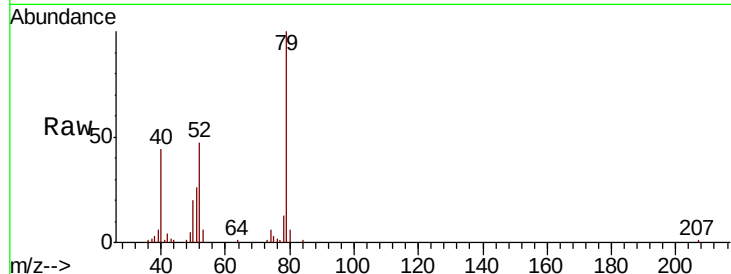
#3
 Pvridine
 Concen: 33.260 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.12 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		292997		
52	46.5	37.4	56.0		
51	25.6	19.8	29.6		

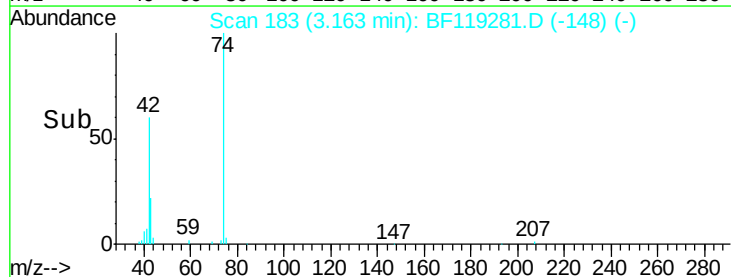
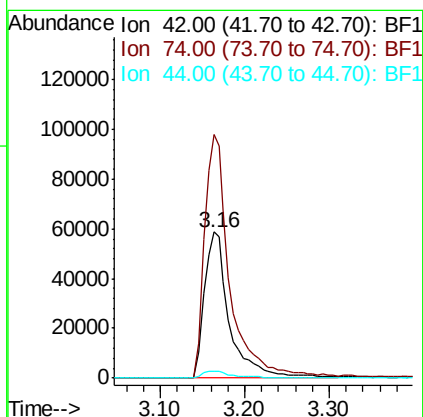
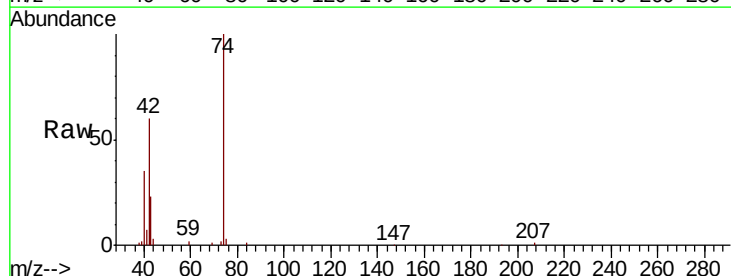
Manual Integrations
 APPROVED

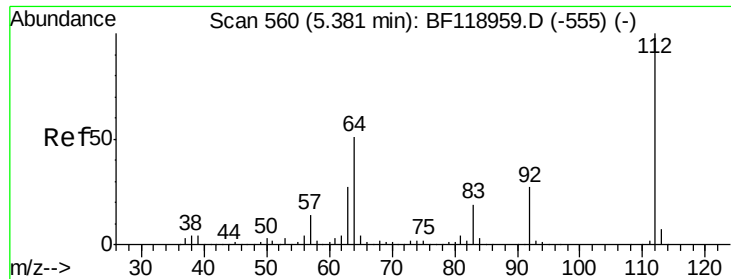
mohammad
 3/10/2020 2:44:04 PM



#4
 n-Nitrosodimethylamine
 Concen: 45.877 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.11 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		122426		
74	167.1	137.7	206.5		
44	5.0	4.5	6.7		





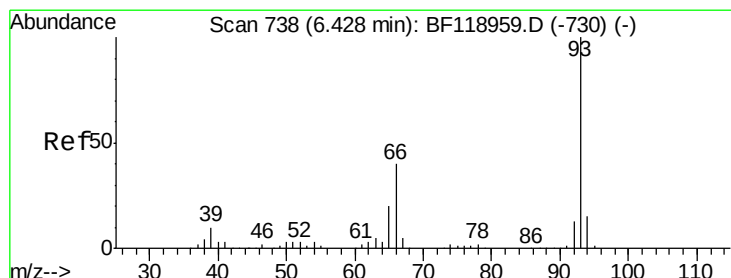
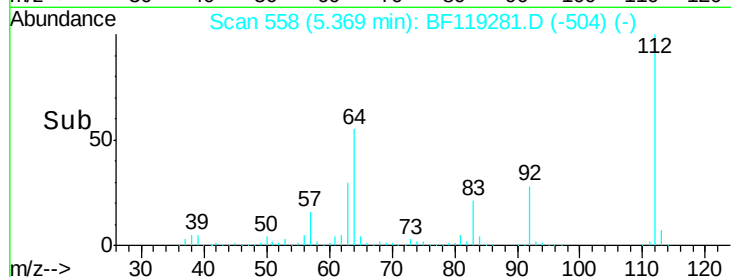
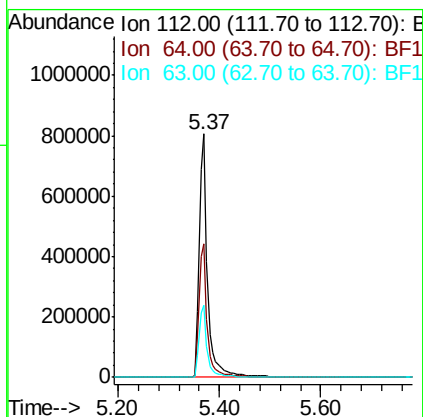
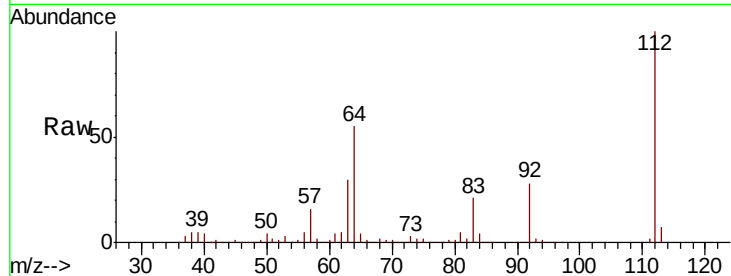
#5
2-Fluorophenol
Concen: 127.797 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.0	45.0	67.4
63	29.7	24.2	36.4

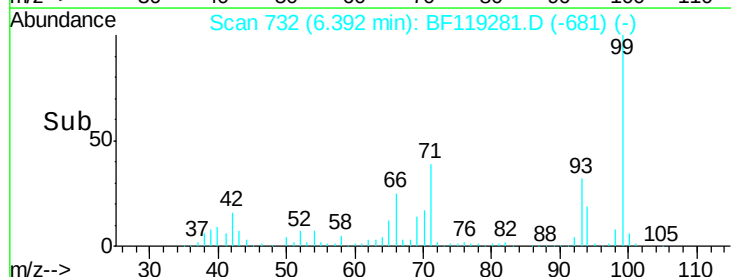
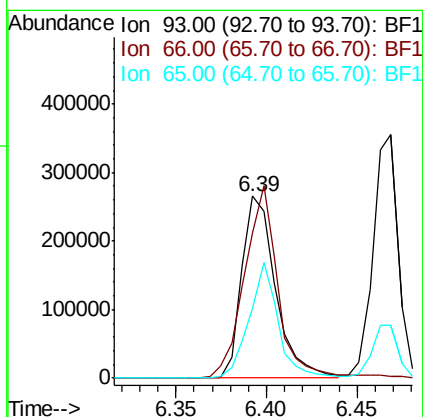
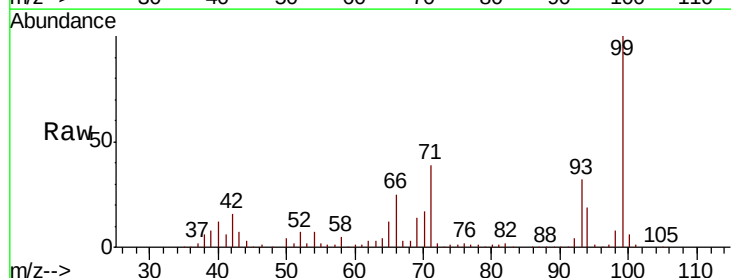
Manual Integrations
APPROVED

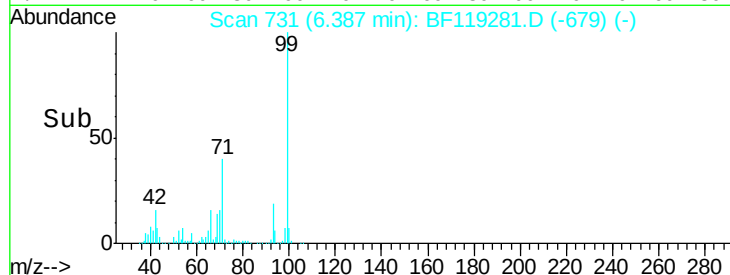
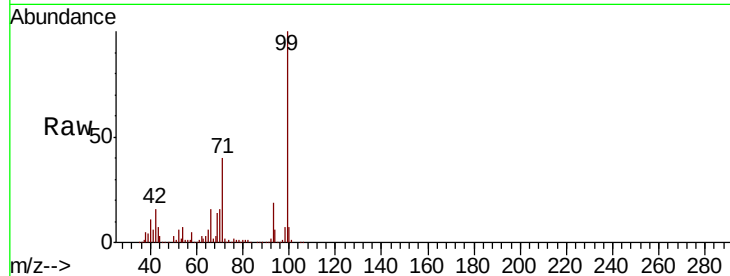
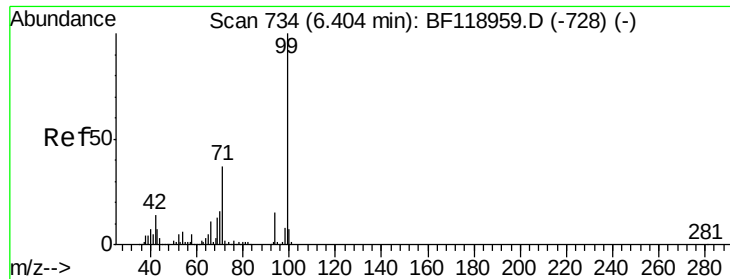
mohammad
3/10/2020 2:44:04 PM



#6
Aniline
Concen: 31.888 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	79.6	74.5	111.7
65	38.1	45.3	67.9#





#7

Phenol-d6

Concen: 125.939 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Tot Ion: 99 Resp: 1109638

Ion Ratio Lower Upper

99 100

42 16.4 12.6 18.8

71 39.8 31.0 46.4

Instrument :

BNA_F

ClientSampleId :

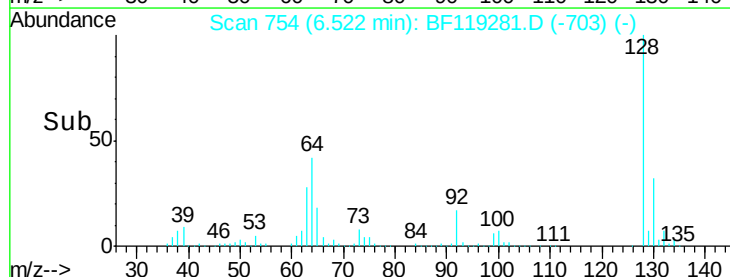
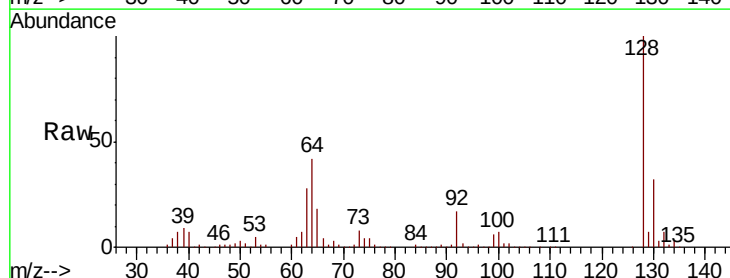
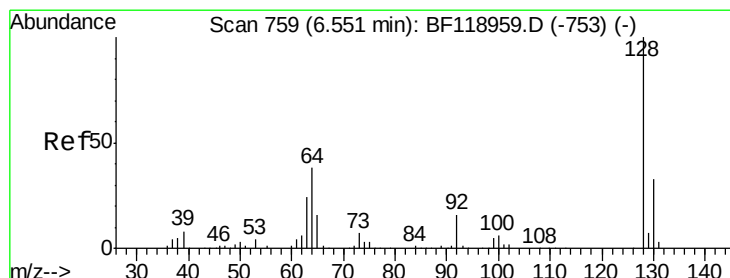
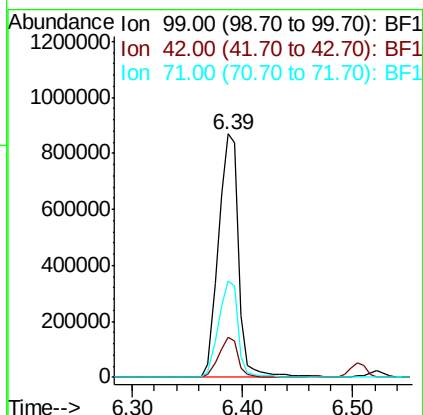
PB127309BS

Manual Integrations

APPROVED

mohammad

3/10/2020 2:44:04 PM



#8

2-Chlorophenol

Concen: 48.305 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

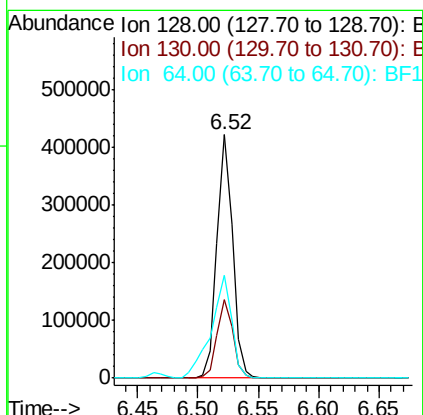
Tgt Ion:128 Resp: 377672

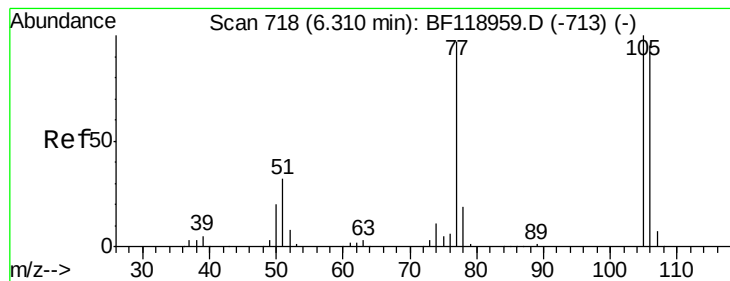
Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

64 42.0 22.3 62.3





#9

Benzaldehyde

Concen: 26.981 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

PB127309BS

Tot Ion: 77 Resp: 158828

Ion Ratio Lower Upper

77 100

105 103.4 80.1 120.1

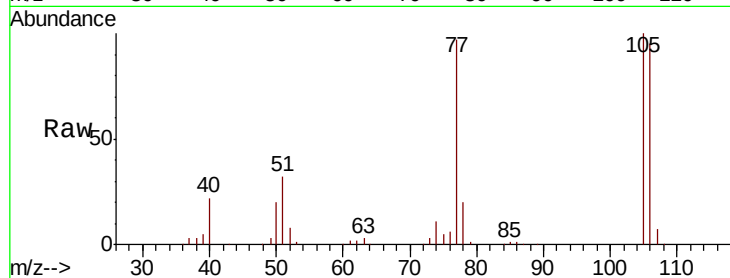
106 98.7 75.9 115.9

Manual Integrations

APPROVED

mohammad

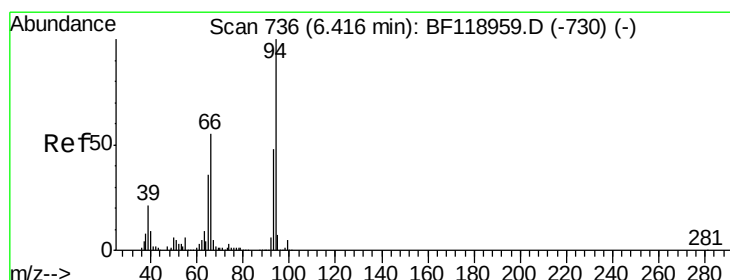
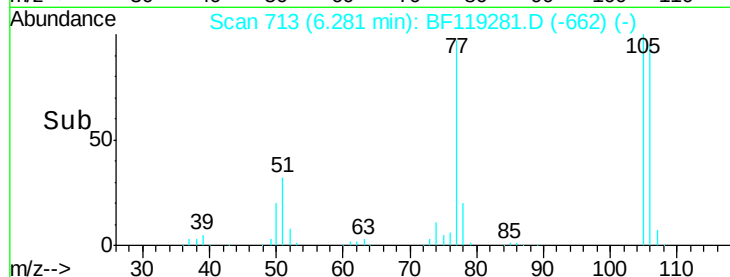
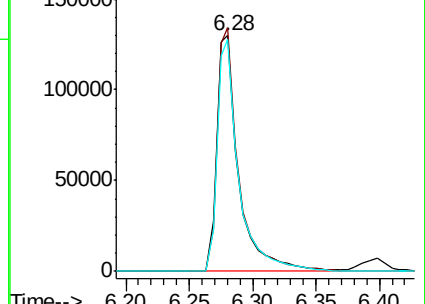
3/10/2020 2:44:04 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.293 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

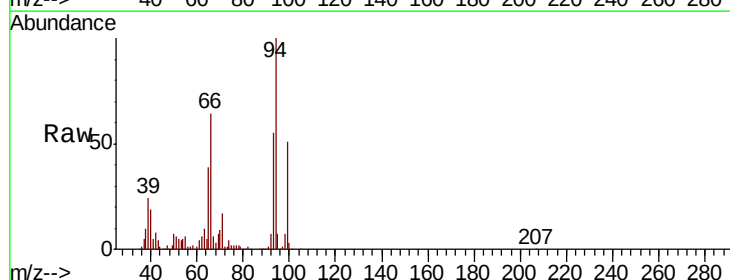
Tgt Ion: 94 Resp: 440991

Ion Ratio Lower Upper

94 100

65 38.6 19.2 59.2

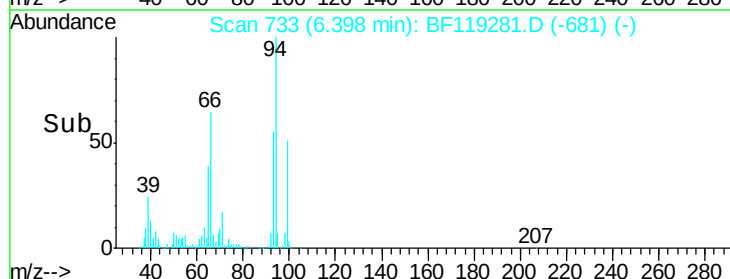
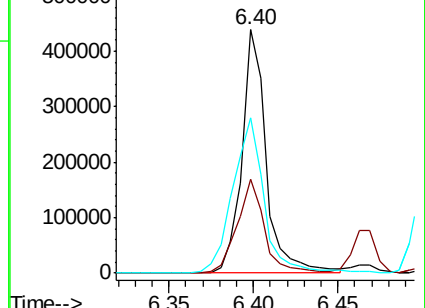
66 63.8 44.4 84.4

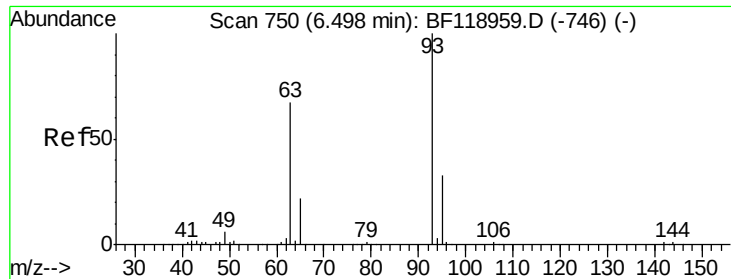


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 46.946 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

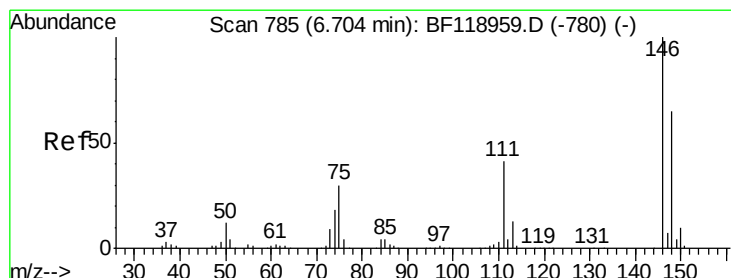
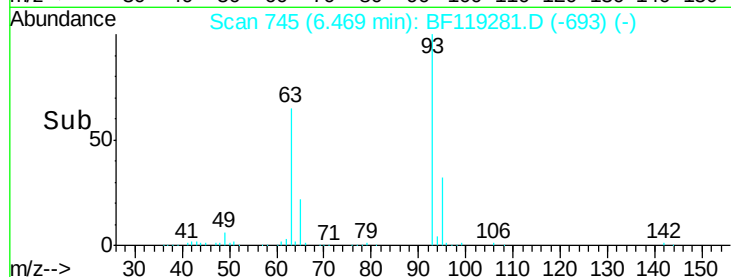
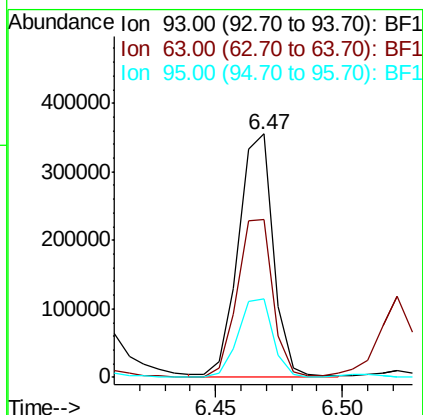
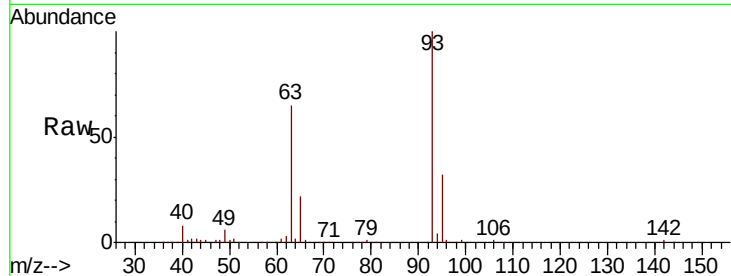
ClientSampleId :

PB127309BS

Tot Ion:	93	Resp:	342183
Ion Ratio	Lower	Upper	
93	100		
63	65.0	45.4	85.4
95	32.4	13.5	53.5

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM



#12

1,3-Dichlorobenzene

Concen: 43.751 ng

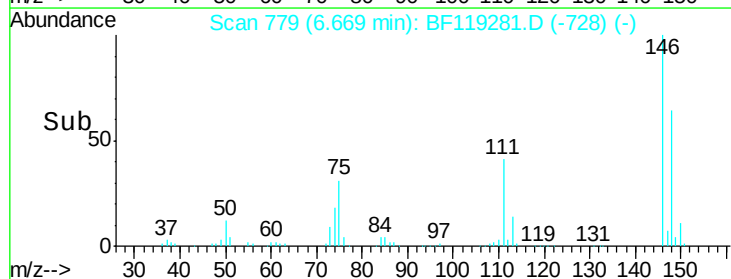
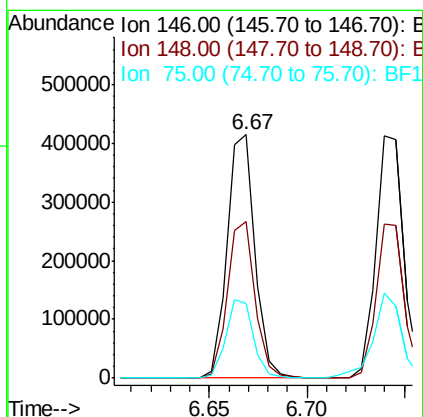
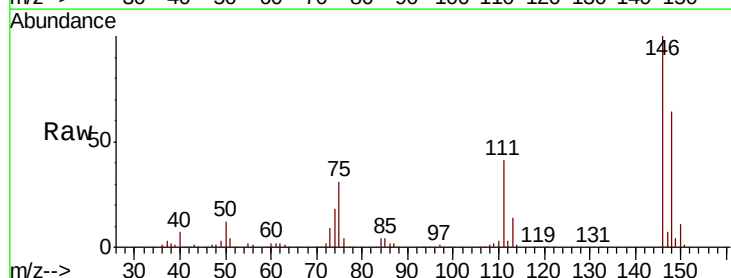
RT: 6.67 min Scan# 779

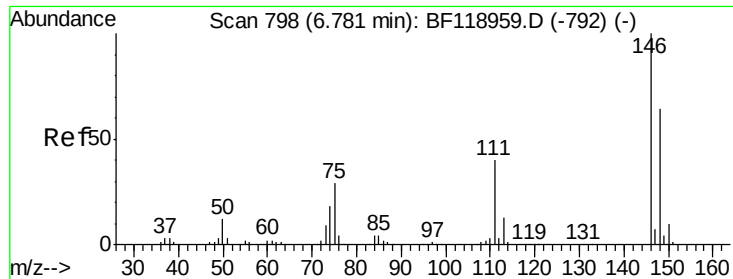
Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Tgt Ion:	146	Resp:	409988
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.5	78.7
75	30.6	23.6	35.4





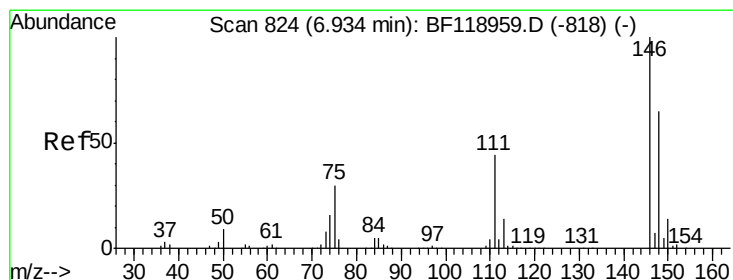
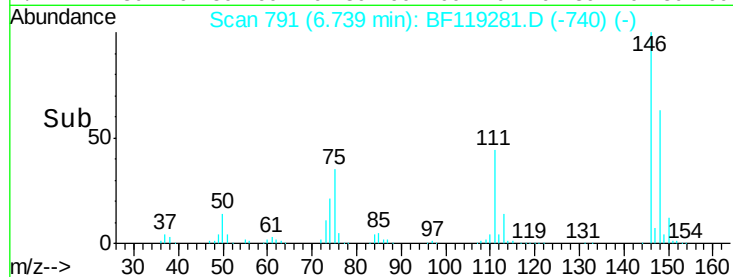
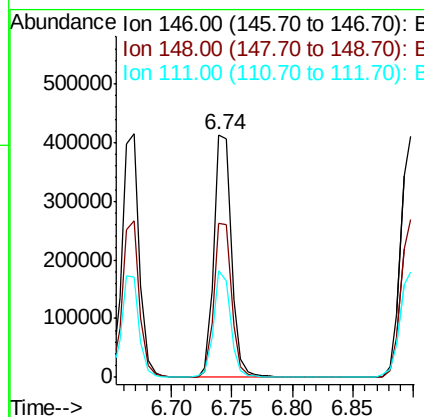
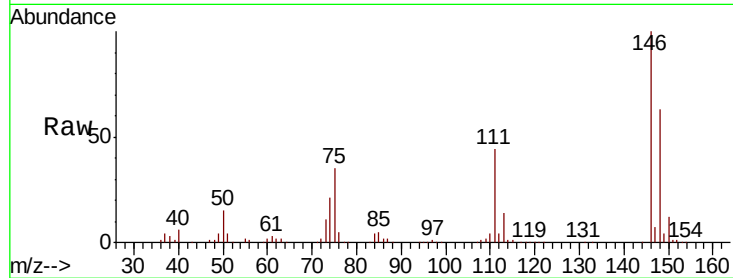
#13
1,4-Dichlorobenzene
Concen: 44.164 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	43.8	34.8	52.2

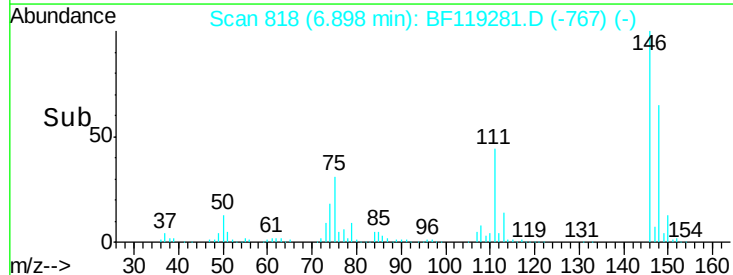
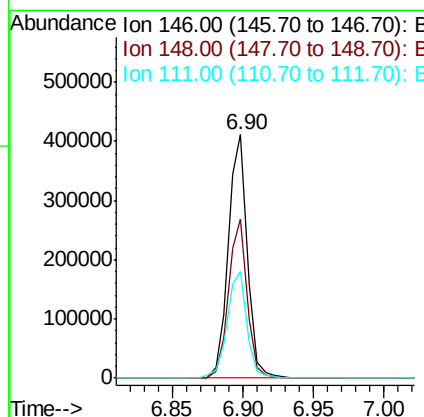
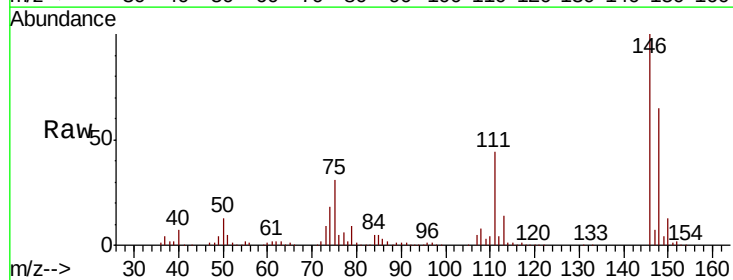
Manual Integrations
APPROVED

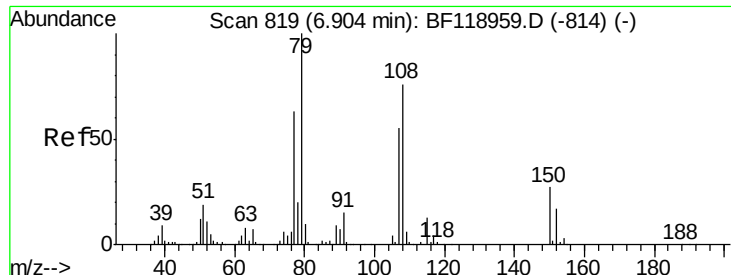
mohammad
3/10/2020 2:44:04 PM



#14
1,2-Dichlorobenzene
Concen: 44.757 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	43.6	36.2	54.2





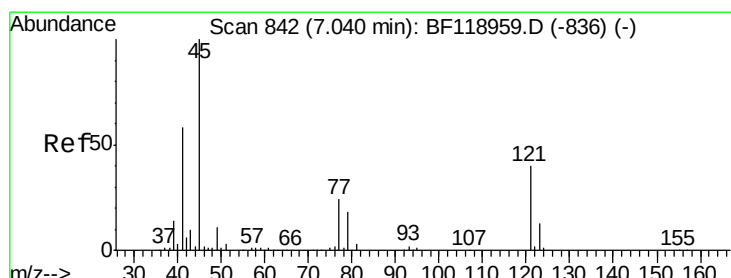
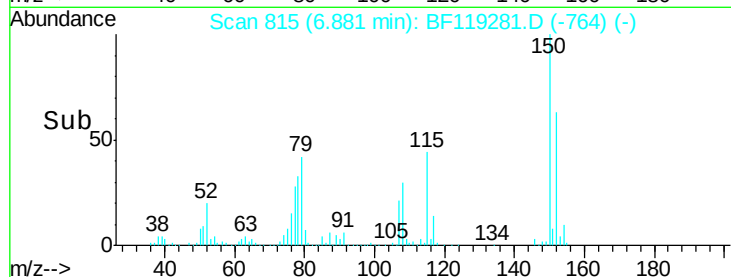
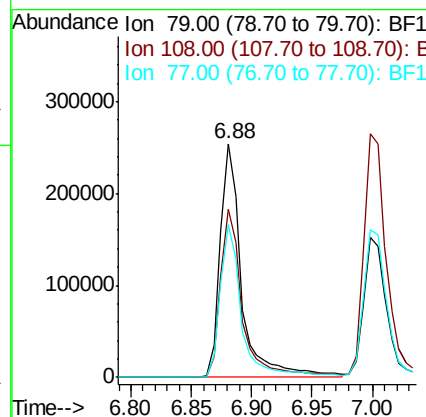
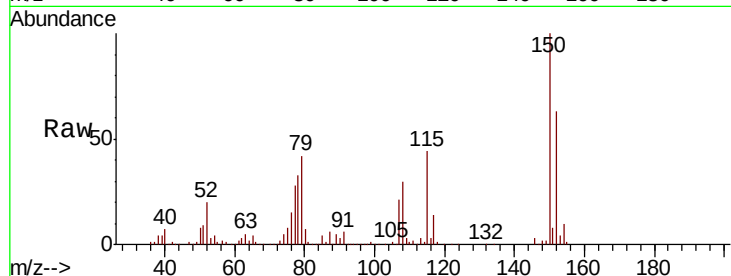
#15
Benzyl Alcohol
Concen: 49.080 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampled :
PB127309BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.1	58.2	87.2
77	65.6	51.2	76.8

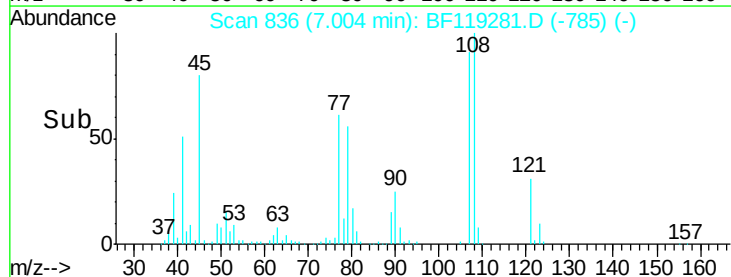
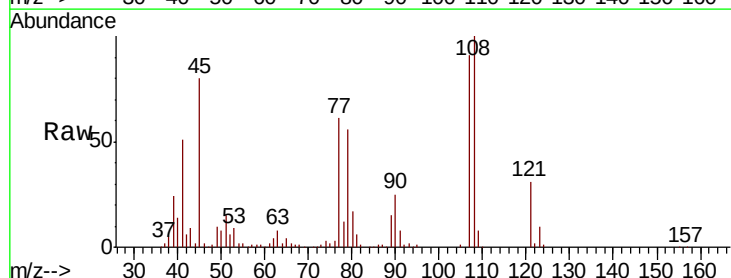
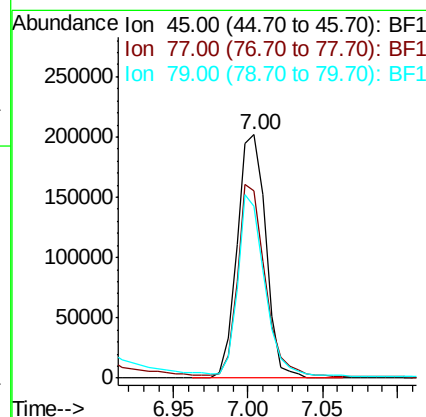
Manual Integrations
APPROVED

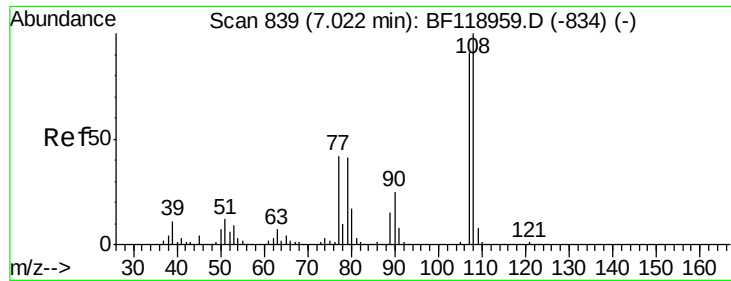
mohammad
3/10/2020 2:44:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.876 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	77.0	15.0	55.0#
79	70.4	9.4	49.4#





#17

2-Methylphenol

Concen: 48.358 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

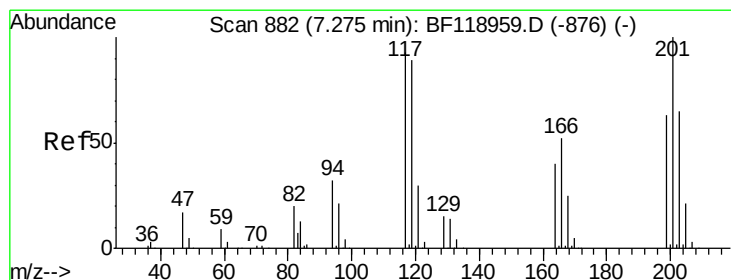
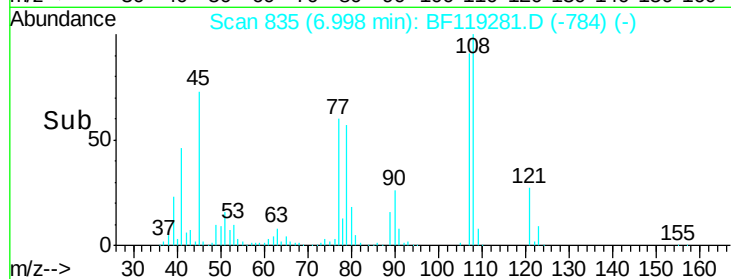
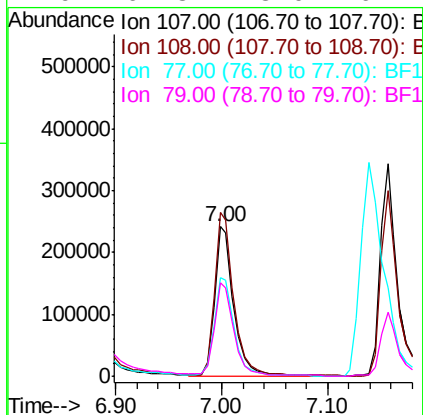
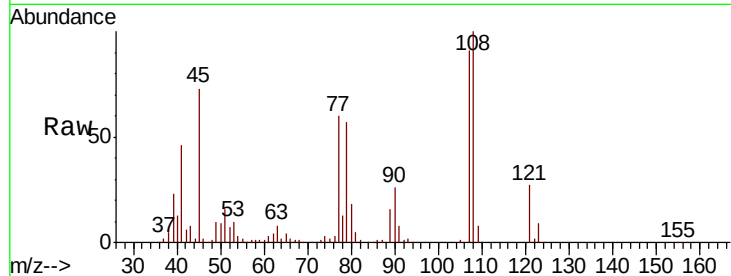
ClientSampleID :

PB127309BS

Tot Ion	107	Resp	306533
Ion Ratio	Lower	Upper	
107	100		
108	109.8	87.9	131.9
77	66.4	45.3	67.9
79	62.8	43.0	64.4

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM



#18

Hexachloroethane

Concen: 43.936 ng

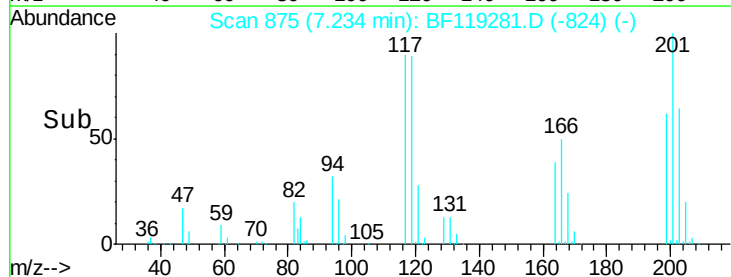
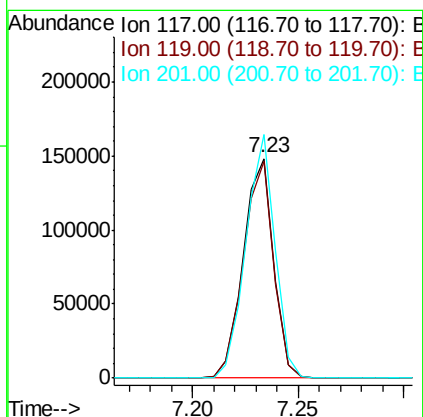
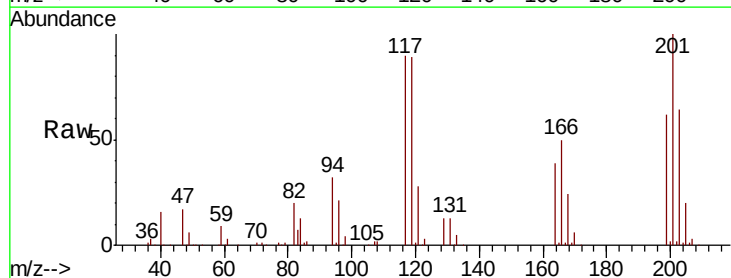
RT: 7.23 min Scan# 875

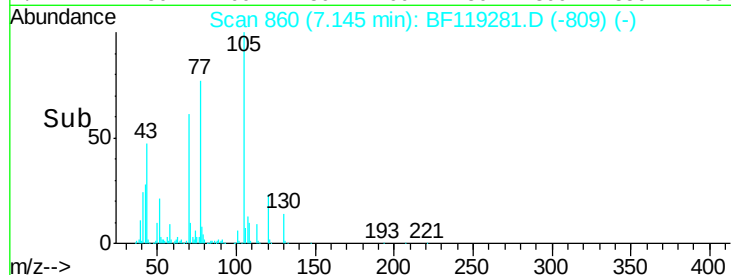
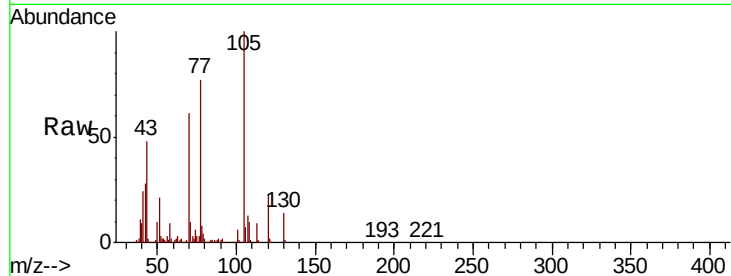
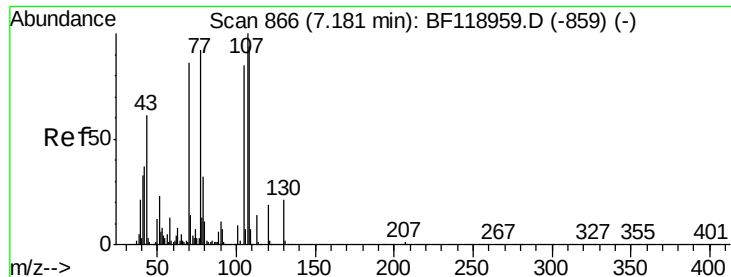
Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Tgt Ion	117	Resp	147401
Ion Ratio	Lower	Upper	
117	100		
119	99.1	77.5	116.3
201	111.0	82.6	123.8





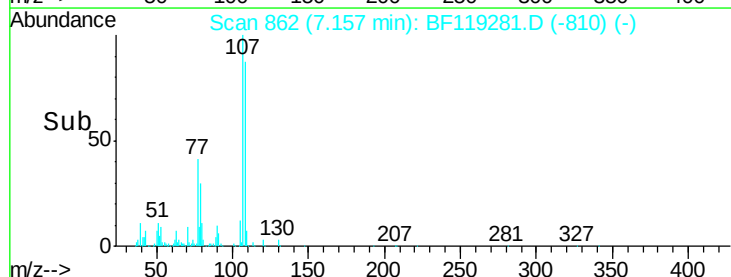
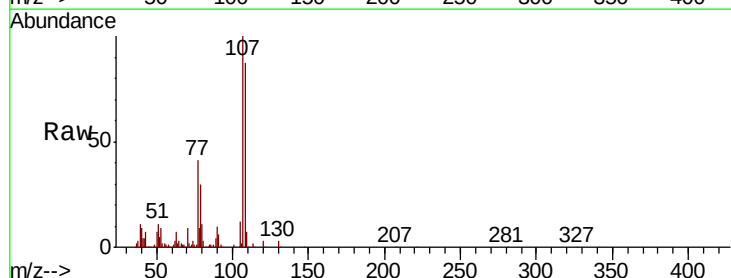
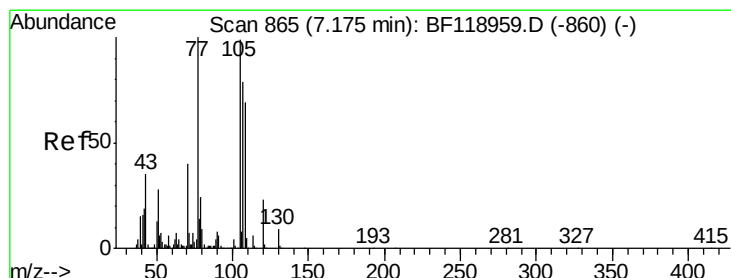
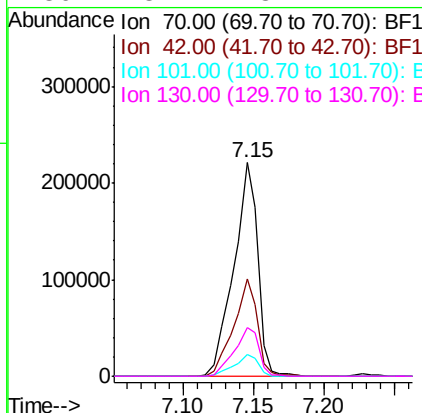
#19
n-Nitroso-di-n-propylamine
Concen: 50.759 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tot Ion	Ratio	Resp	Lower	Upper
70	100	260604		
42	45.8	38.0	57.0	
101	10.2	8.2	12.4	
130	23.1	18.2	27.4	

Instrument :
BNA_F
ClientSampleId :
PB127309BS

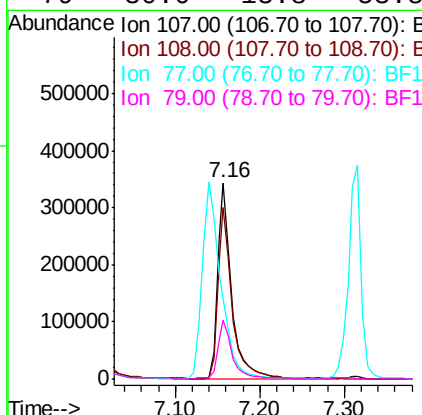
Manual Integrations
APPROVED

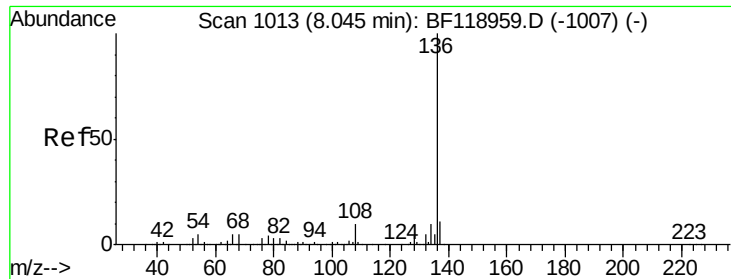
mohammad
3/10/2020 2:44:04 PM



#20
3+4-Methylphenols
Concen: 51.791 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	402208		
108	87.1	71.5	111.5	
77	41.2	45.9	85.9	
79	30.0	13.8	53.8	





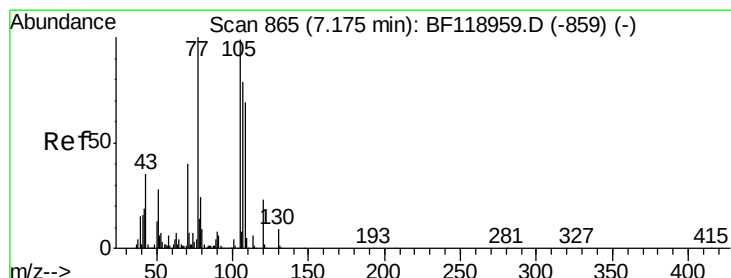
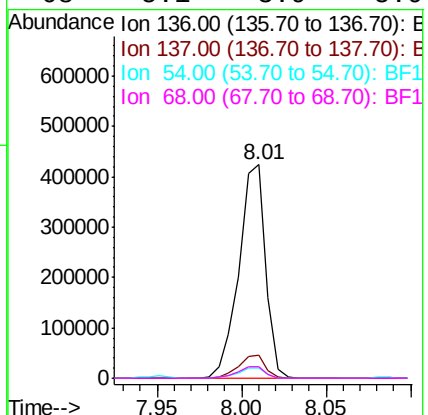
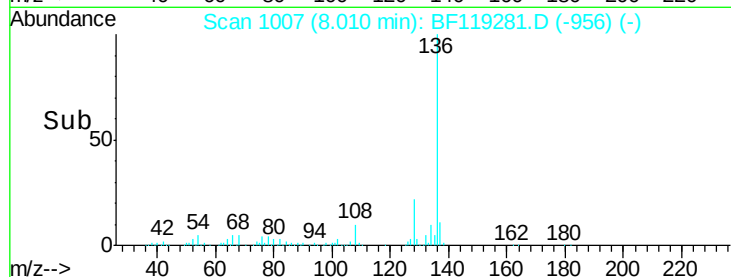
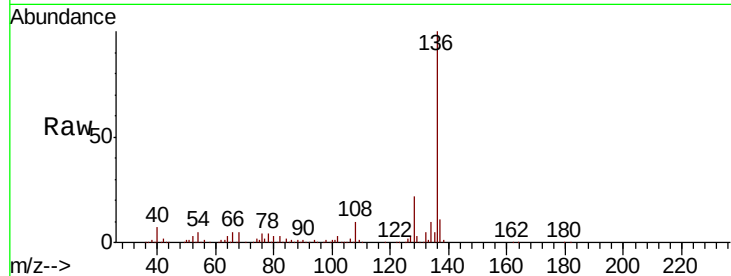
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		467965		
137	10.7		8.8	13.2	
54	4.9		3.8	5.6	
68	5.1		3.9	5.9	

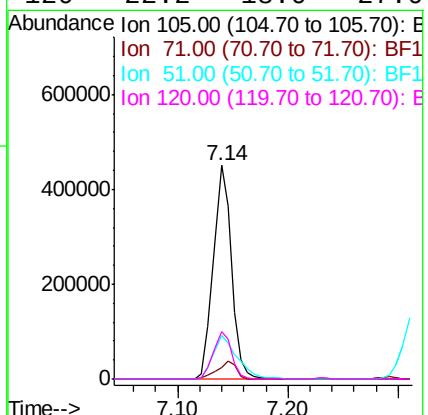
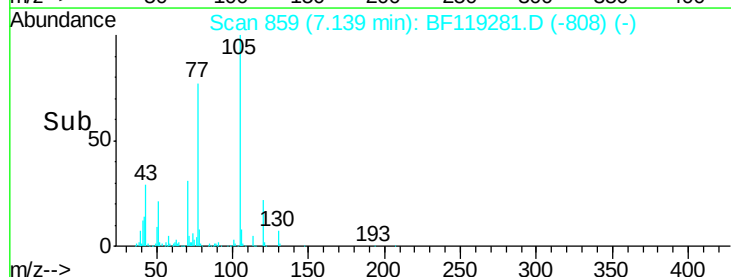
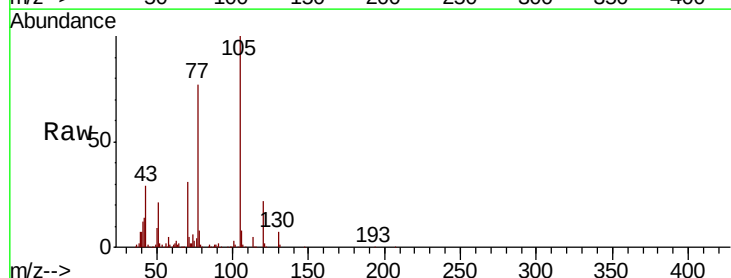
Manual Integrations
APPROVED

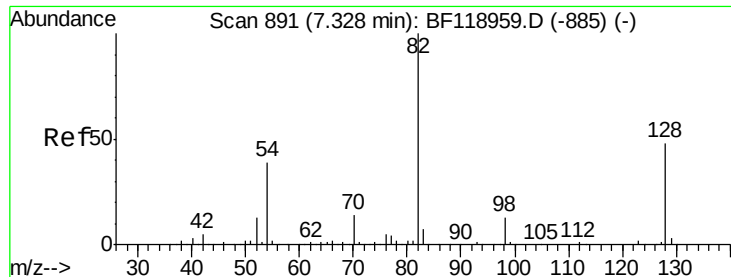
mohammad
3/10/2020 2:44:04 PM



#22
Acetophenone
Concen: 47.382 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		513030		
71	5.2		3.0	4.4#	
51	20.5		20.1	30.1	
120	22.2		18.0	27.0	





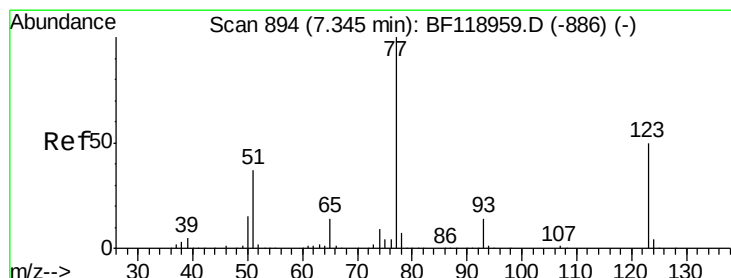
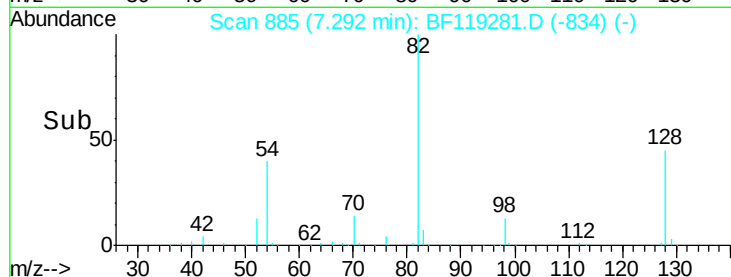
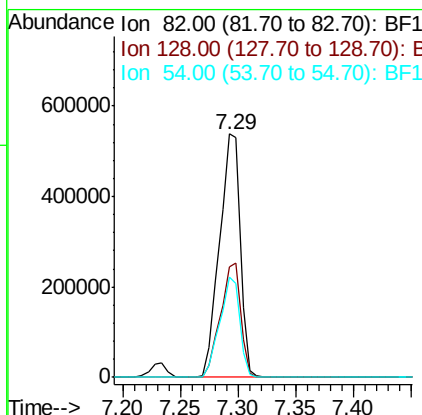
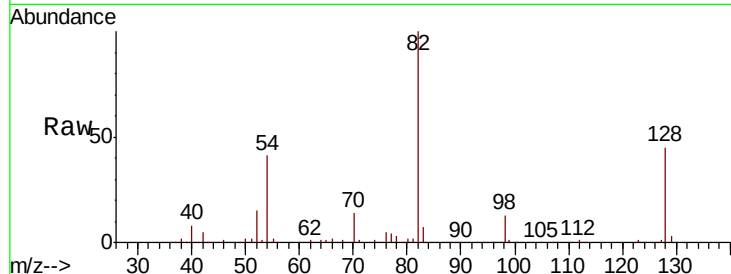
#23
 Nitrobenzene-d5
 Concen: 76.168 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleID :
 PB127309BS

Tot Ion:	82	Resp:	675079
Ion Ratio	Lower	Upper	
82	100		
128	45.4	37.9	56.9
54	40.9	33.4	50.2

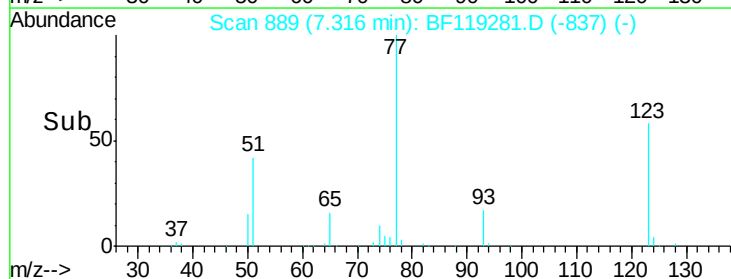
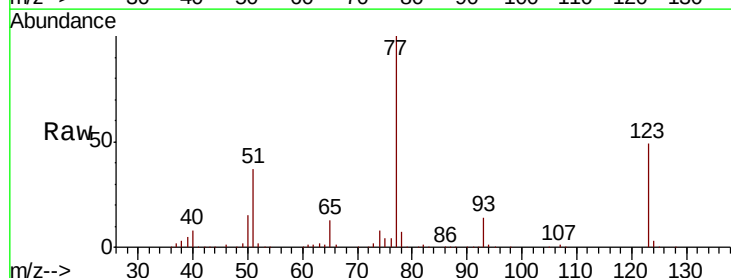
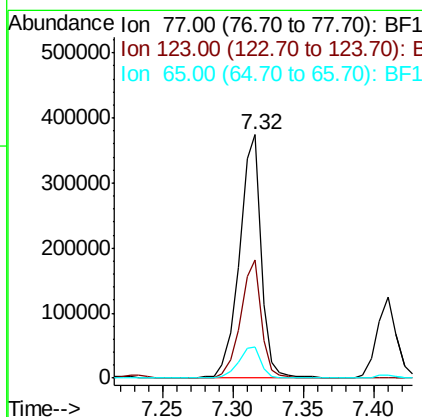
Manual Integrations
 APPROVED

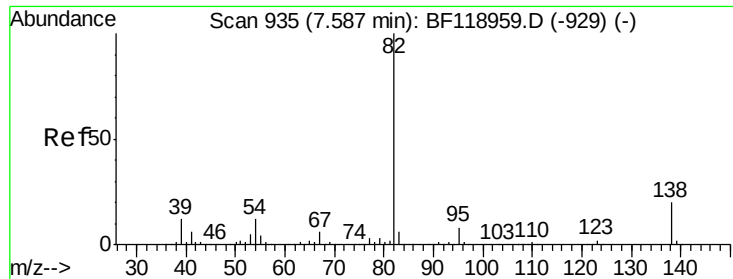
mohammad
 3/10/2020 2:44:04 PM



#24
 Nitrobenzene
 Concen: 45.308 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion:	77	Resp:	397106
Ion Ratio	Lower	Upper	
77	100		
123	48.5	40.2	60.2
65	12.9	10.8	16.2





#25

Isophorone

Concen: 46.226 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

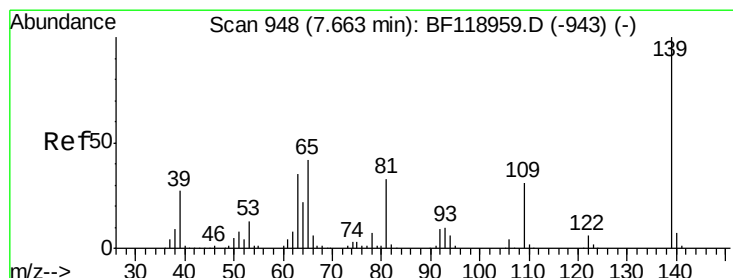
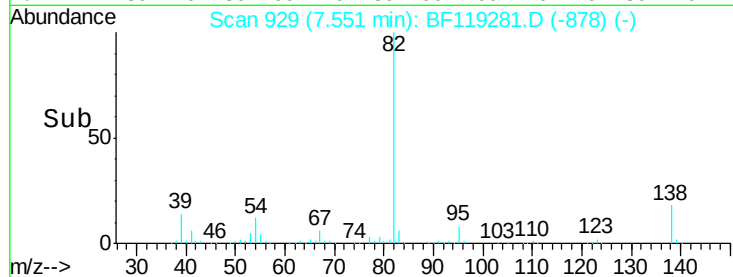
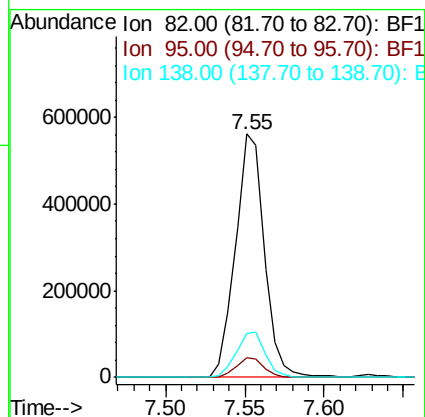
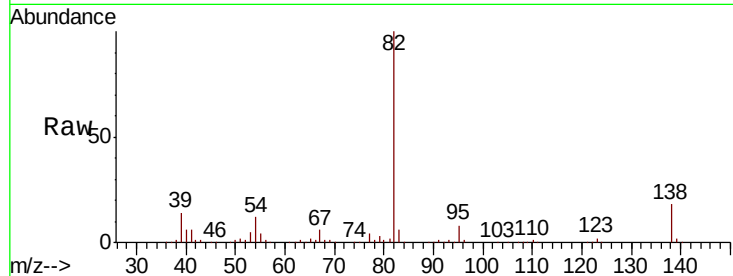
ClientSampleId :

PB127309BS

Tot Ion:	82	Resp:	711527
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.4	9.6
138	18.3	15.7	23.5

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM



#26

2-Nitrophenol

Concen: 45.710 ng

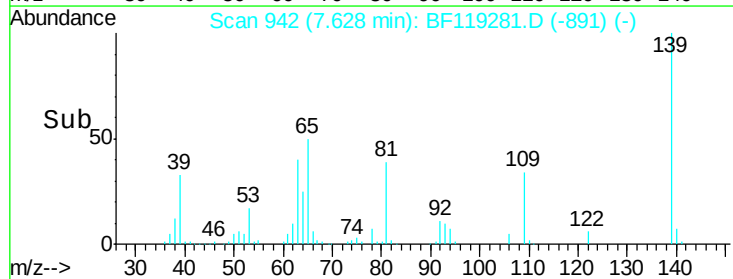
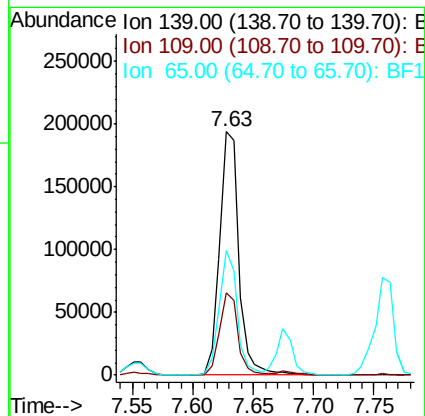
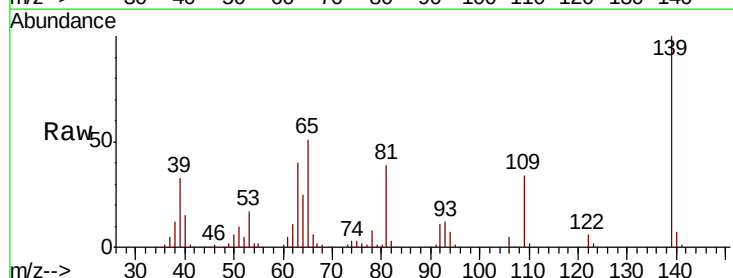
RT: 7.63 min Scan# 942

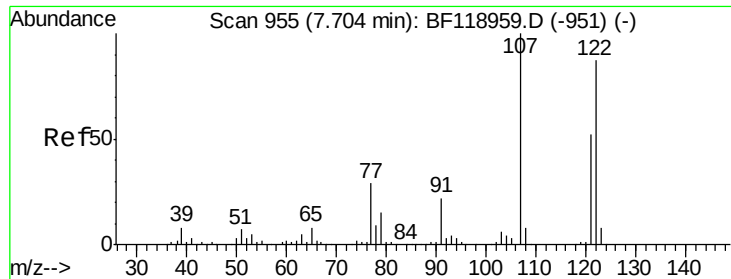
Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Tgt Ion:	139	Resp:	212271
Ion Ratio	Lower	Upper	
139	100		
109	33.8	25.7	38.5
65	51.3	37.1	55.7





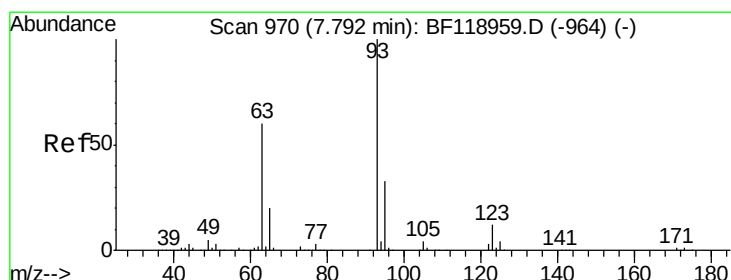
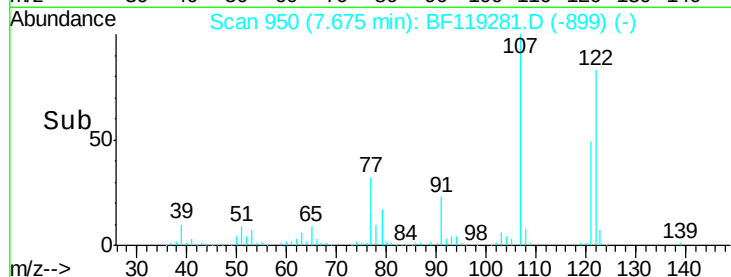
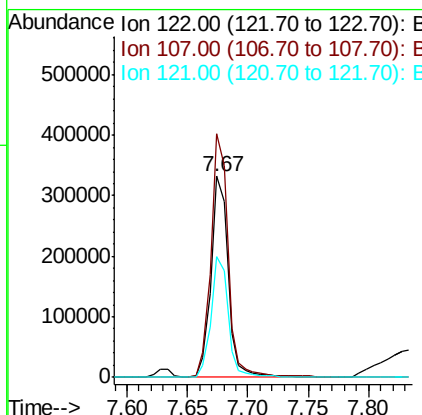
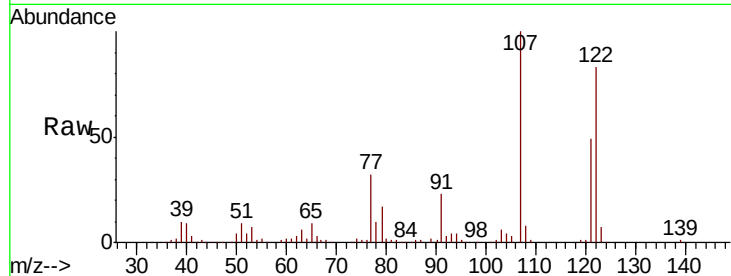
#27
 2,4-Dimethylphenol
 Concen: 51.768 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.1	93.8	140.6
121	59.7	48.2	72.2

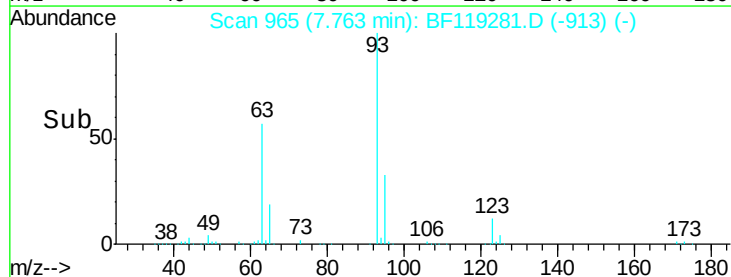
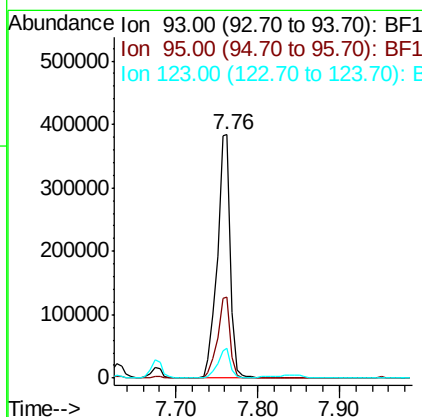
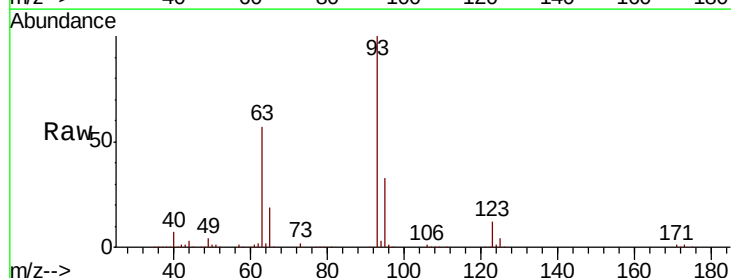
Manual Integrations
 APPROVED

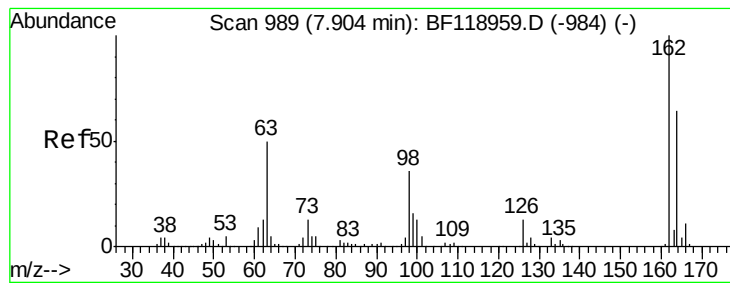
mohammad
 3/10/2020 2:44:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.360 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	12.5	10.2	15.2





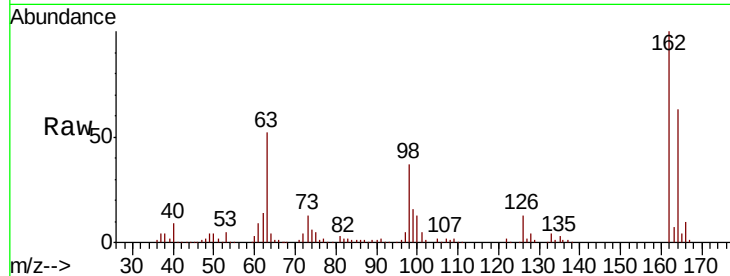
#29
2,4-Dichlorophenol
Concen: 45.417 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.3	45.2	85.2	
98	37.1	17.4	57.4	

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM

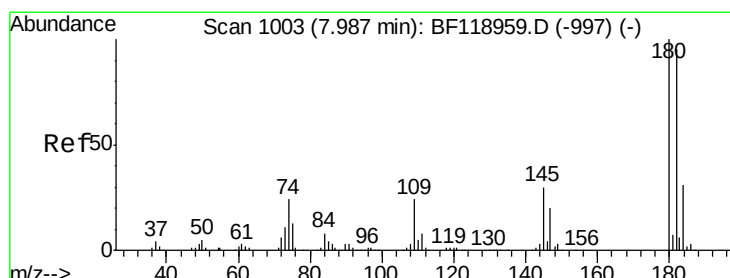
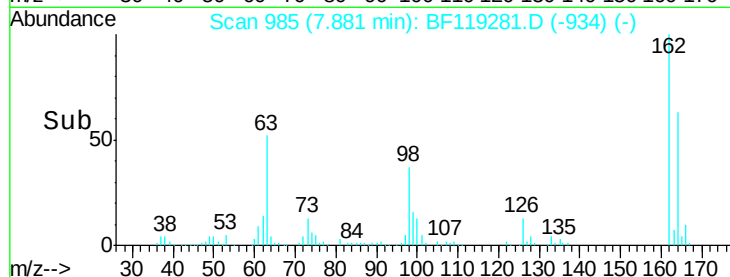
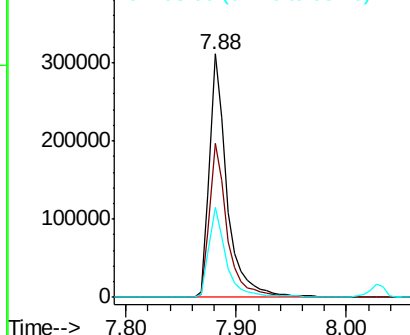


Abundance

Ion 162.00 (161.70 to 162.70): E

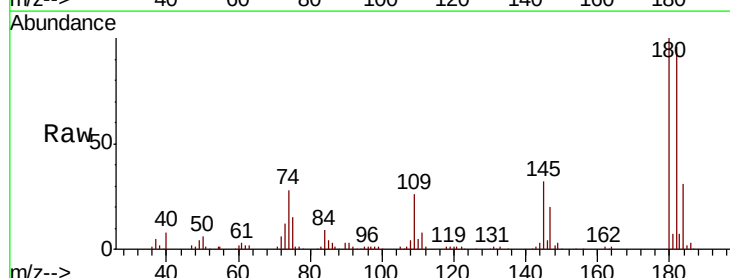
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.304 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	77.8	116.6	
145	31.7	25.2	37.8	

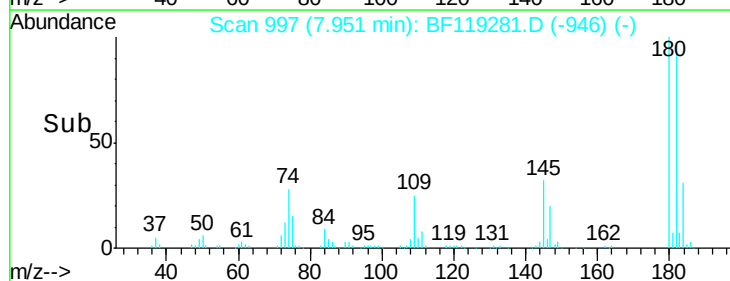
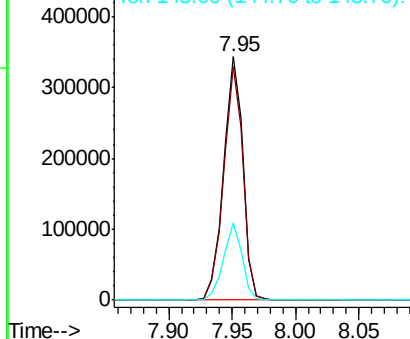


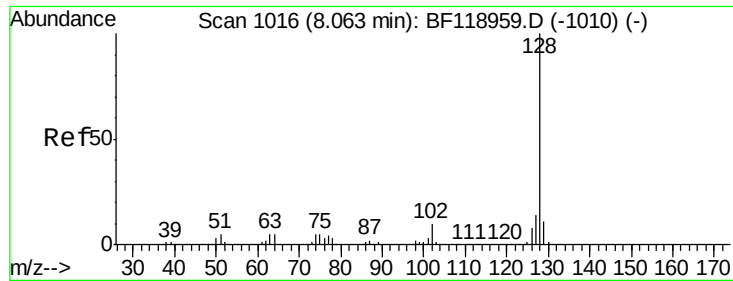
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





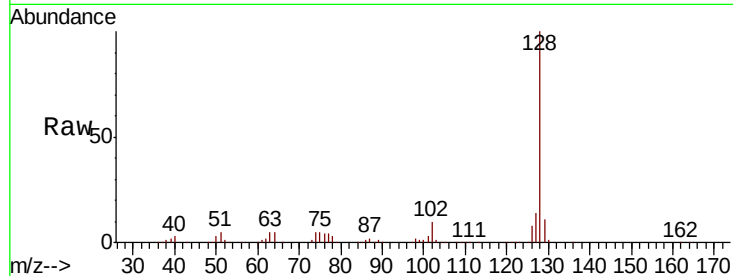
#31
Naphthalene
Concen: 44.760 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.6	11.4	17.2

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM

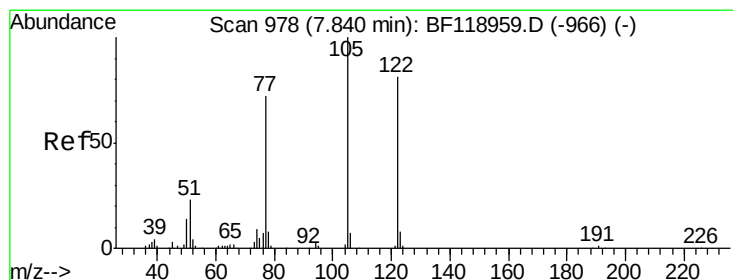
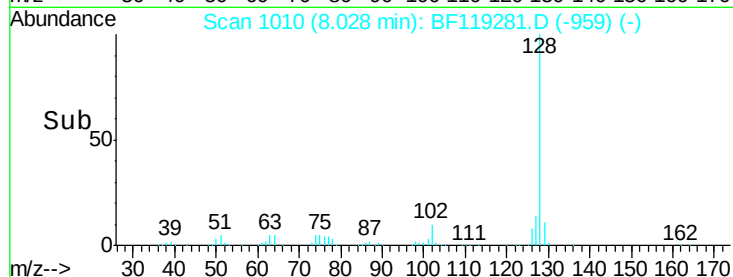
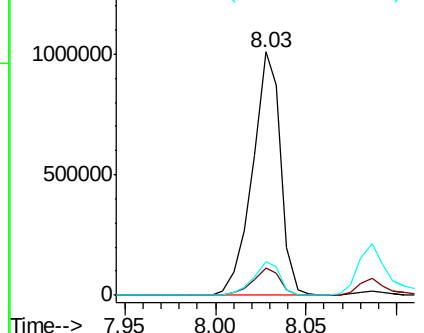


Abundance

Ion 128.00 (127.70 to 128.70): E

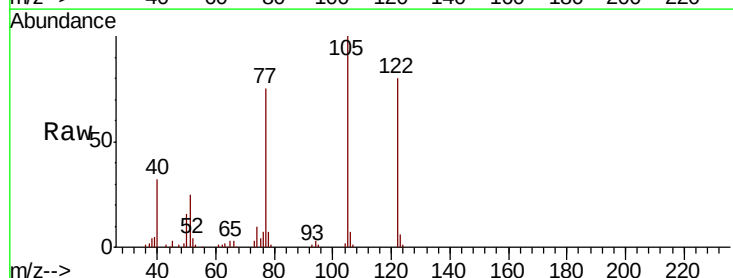
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.107 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	106.3	146.3
77	94.6	73.1	113.1

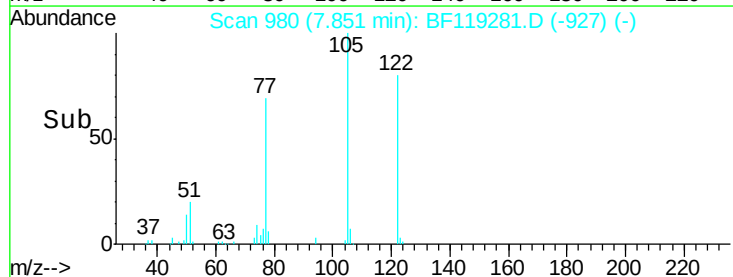
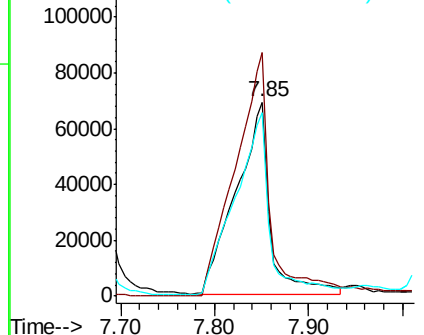


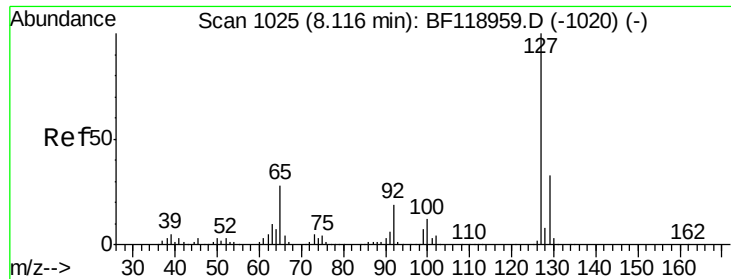
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





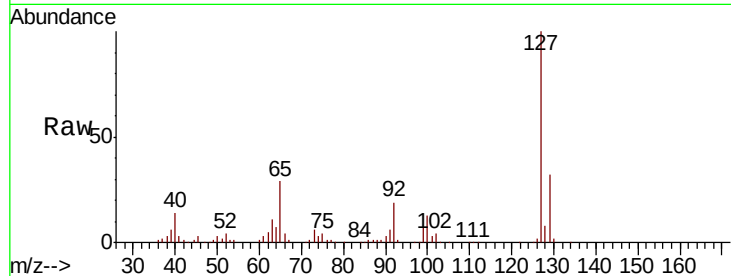
#33
4-Chloroaniline
Concen: 26.542 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.9	38.9		
65	28.5	23.9	35.9		
92	19.1	16.3	24.5		

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM



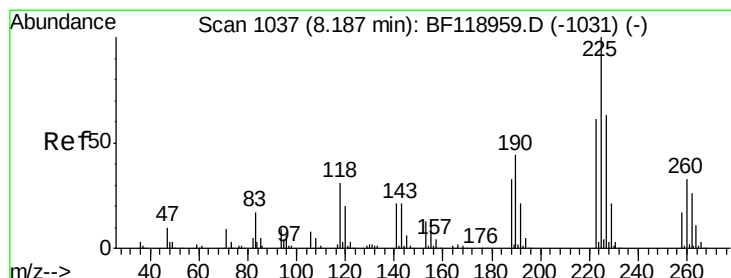
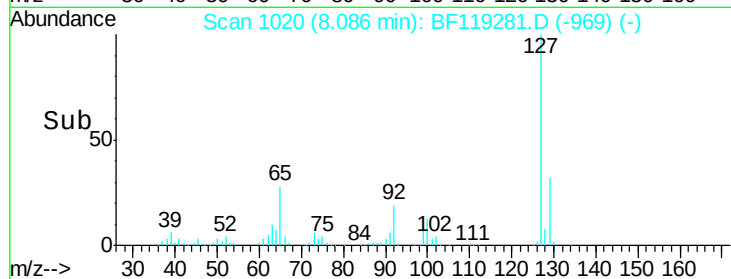
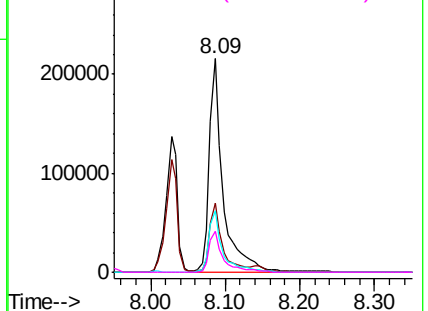
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.081 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

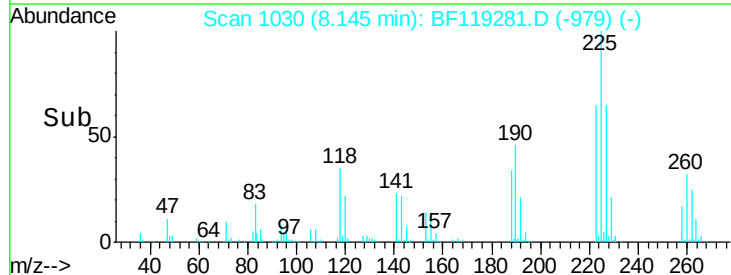
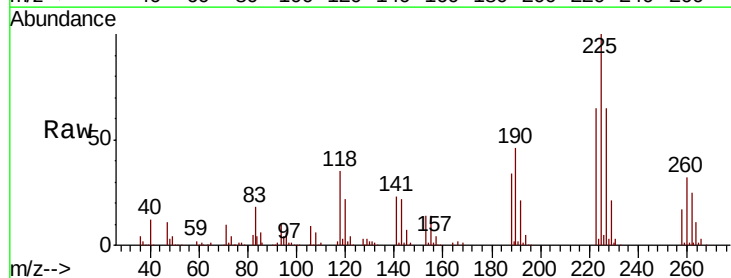
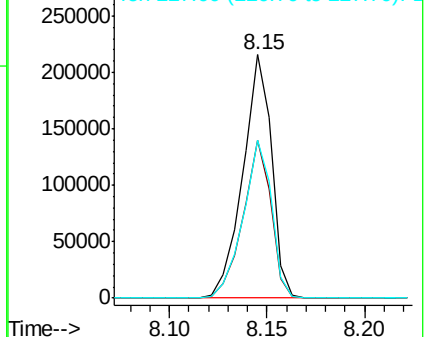
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	49.4	74.2		
227	65.0	52.9	79.3		

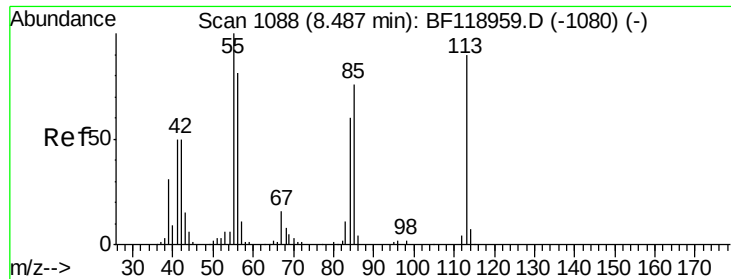
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





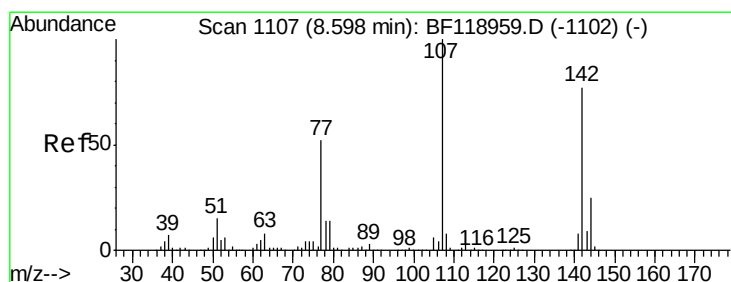
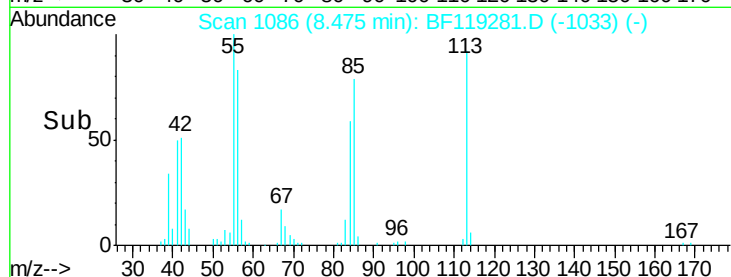
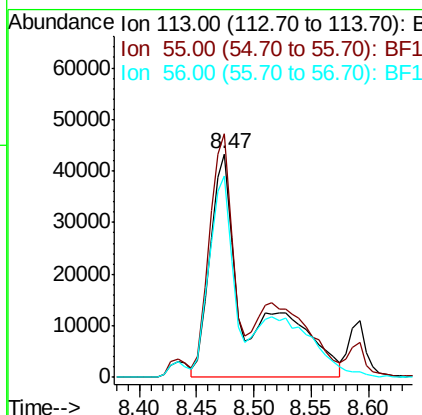
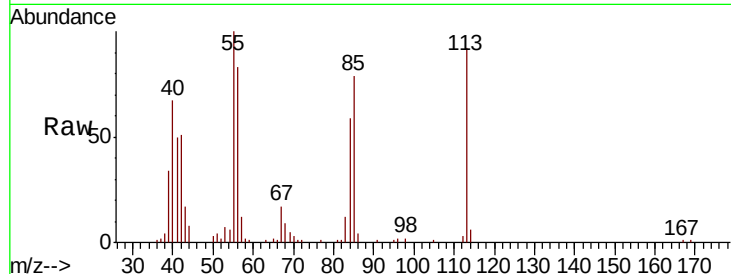
#35
Caprolactam
Concen: 45.773 ng/ml
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	108.9	95.7	135.7
56	90.1	73.1	113.1

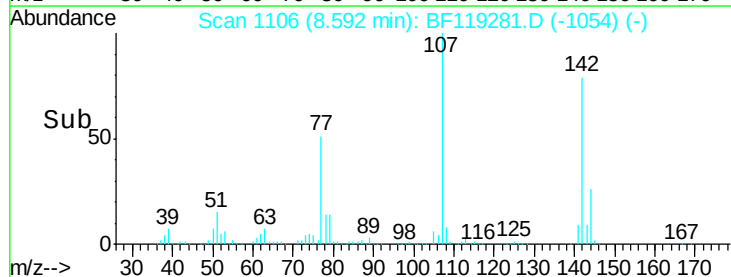
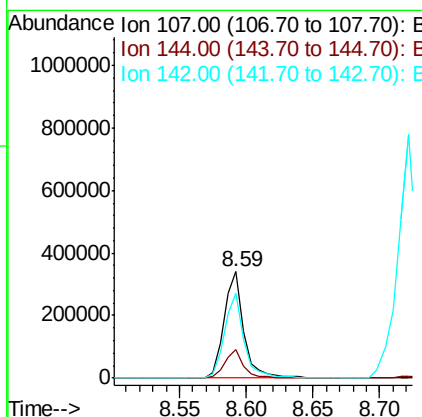
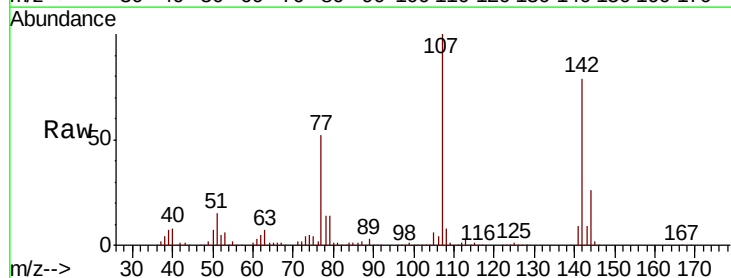
Manual Integrations
APPROVED

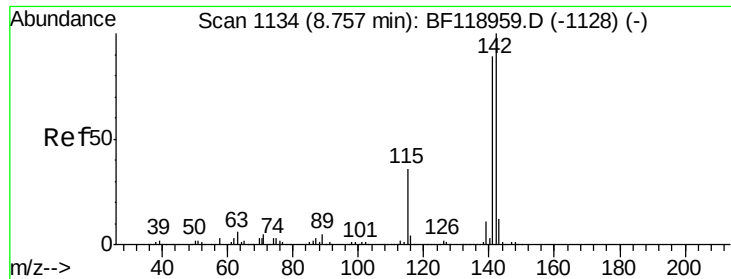
mohammad
3/10/2020 2:44:04 PM



#36
4-Chloro-3-methylphenol
Concen: 47.743 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.1	30.1
142	79.4	61.4	92.2





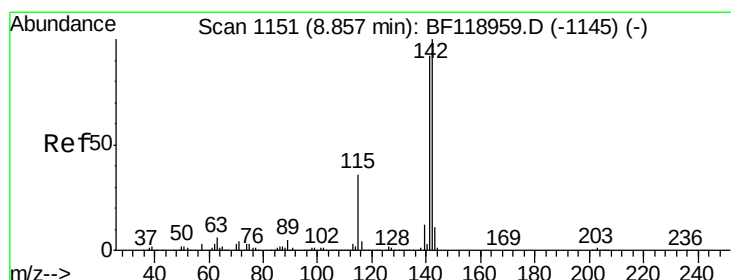
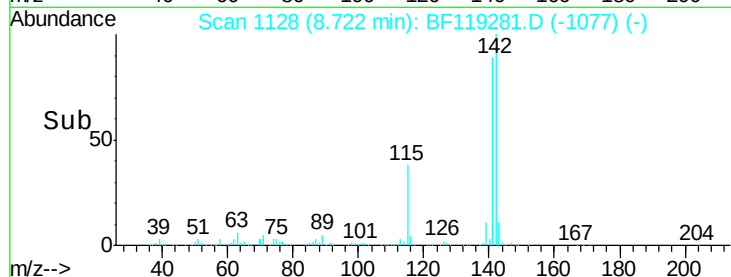
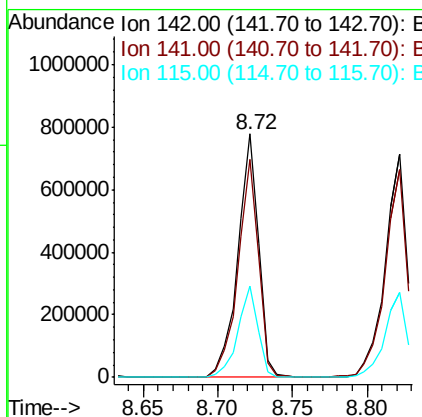
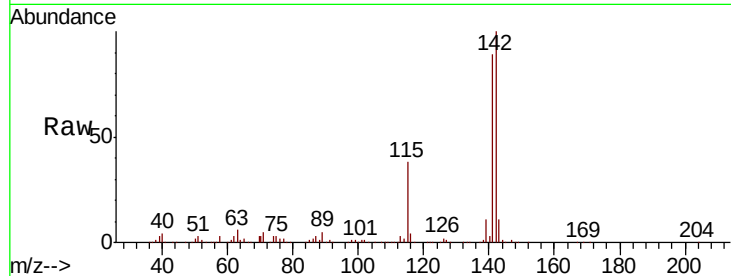
#37
2-Methylnaphthalene
Concen: 45.925 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampled :
PB127309BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
115	37.6	30.6	45.8

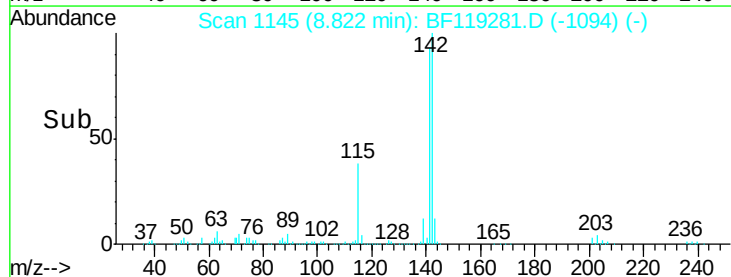
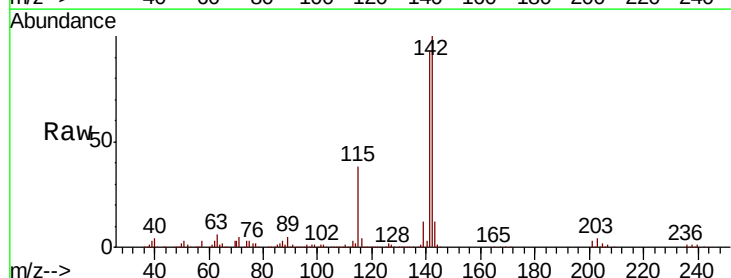
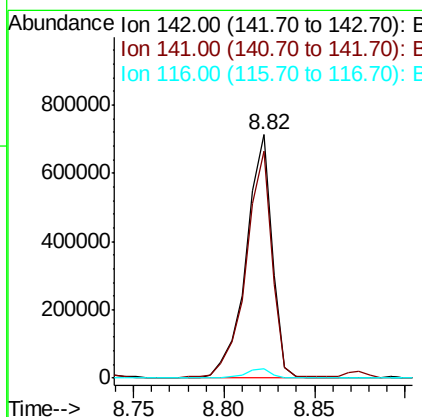
Manual Integrations
APPROVED

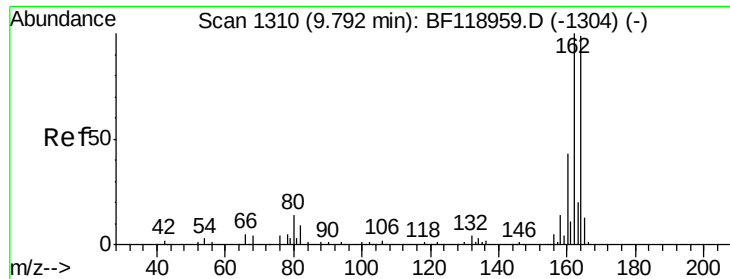
mohammad
3/10/2020 2:44:04 PM



#38
1-Methylnaphthalene
Concen: 45.929 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.8	113.6
116	3.8	3.1	4.7





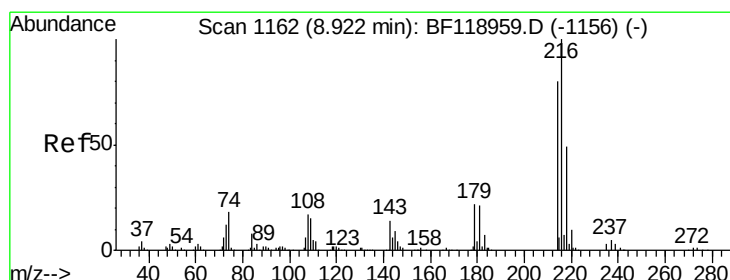
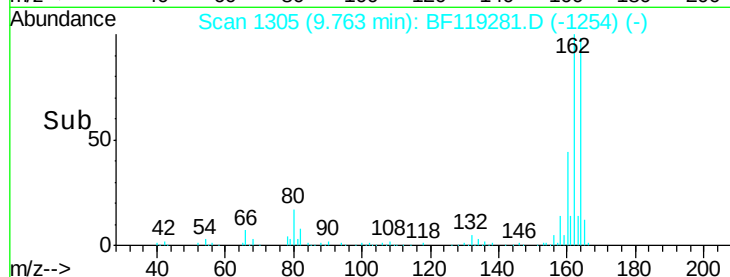
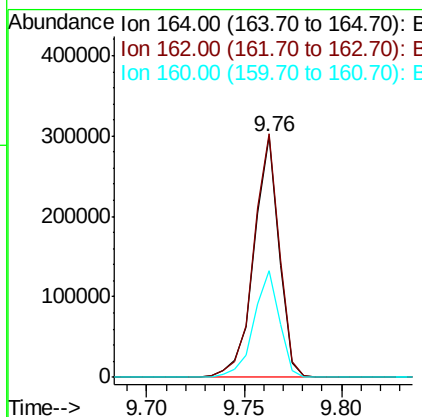
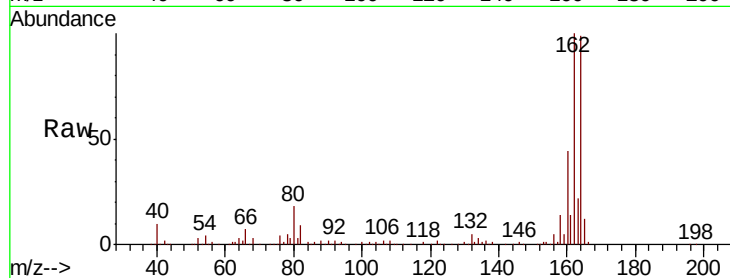
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.8
160	44.1	36.0	54.0

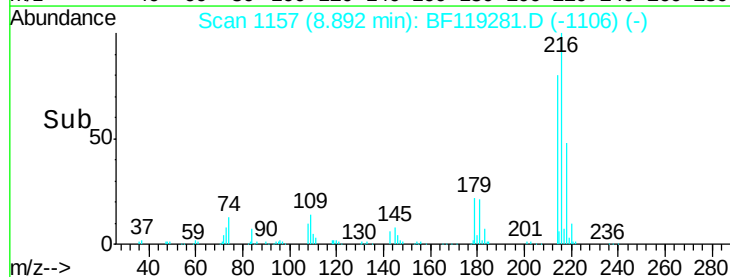
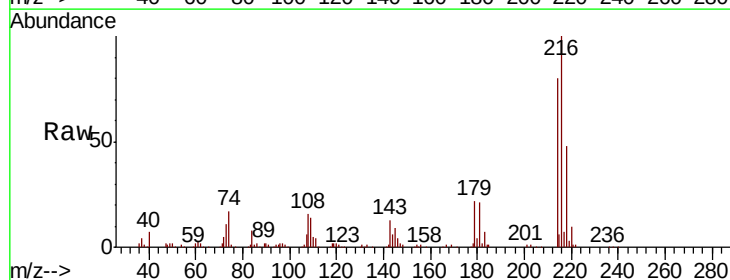
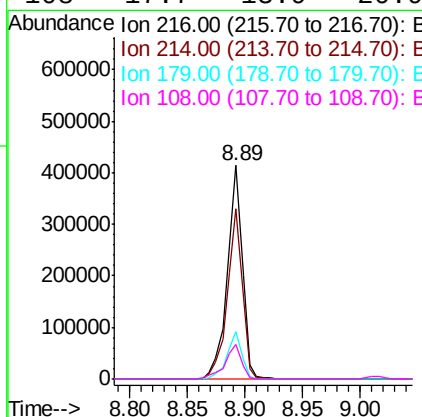
Manual Integrations
APPROVED

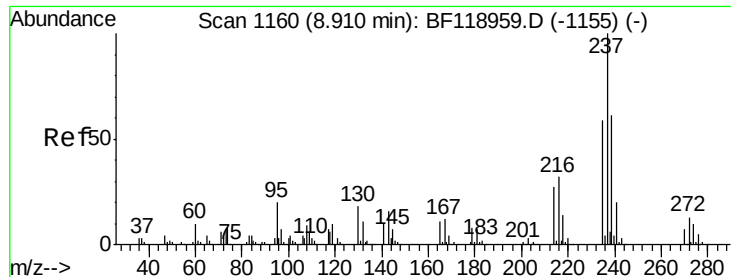
mohammad
3/10/2020 2:44:04 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.866 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	21.8	17.7	26.5
108	17.7	13.9	20.9





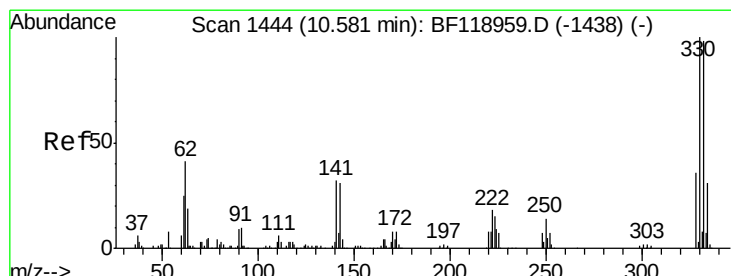
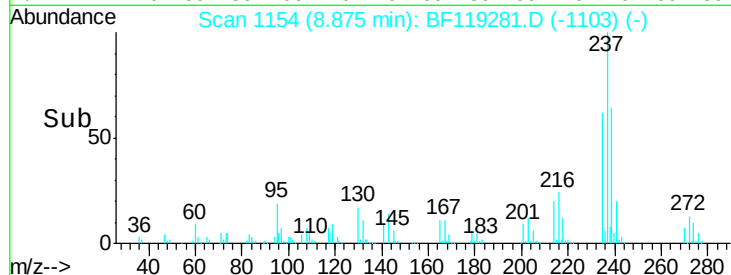
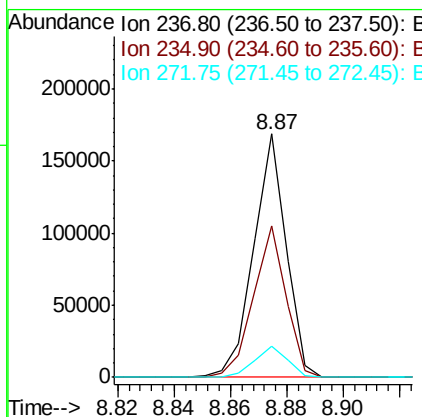
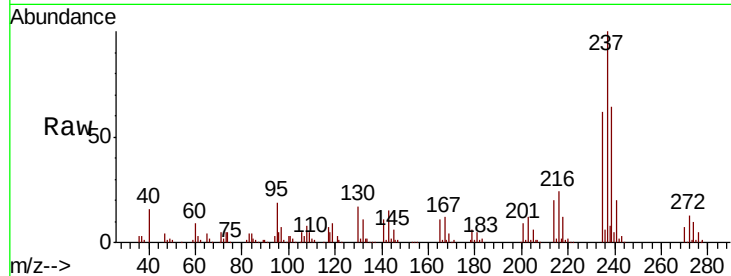
#41
Hexachlorocyclopentadiene
Concen: 45.862 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.0	42.3	82.3	
272	12.9	0.0	33.5	

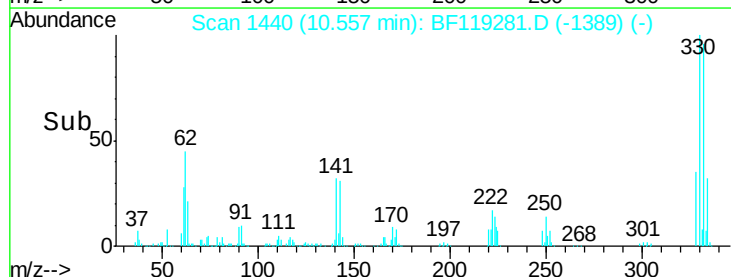
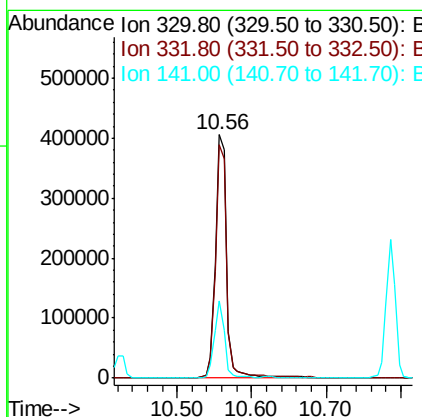
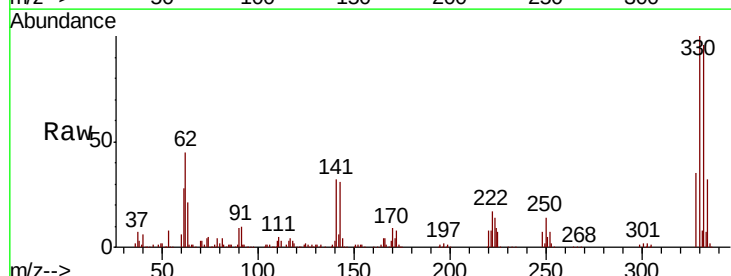
Manual Integrations
APPROVED

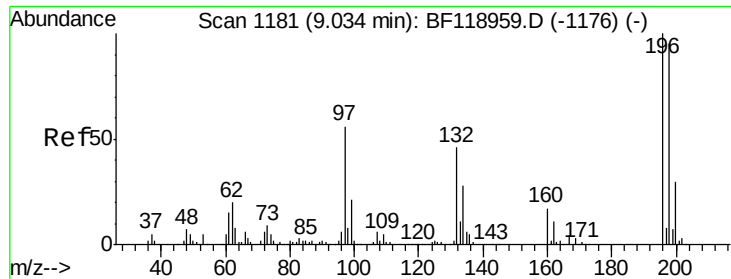
mohammad
3/10/2020 2:44:04 PM



#42
2,4,6-Tribromophenol
Concen: 120.967 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	76.0	114.0	
141	28.7	22.9	34.3	





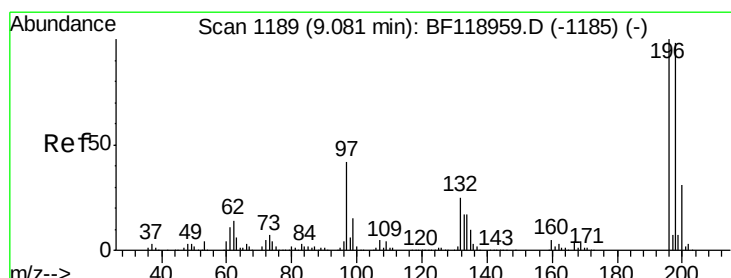
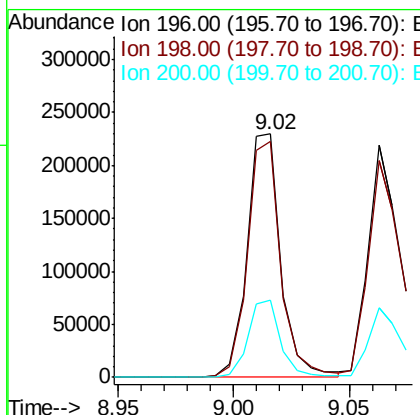
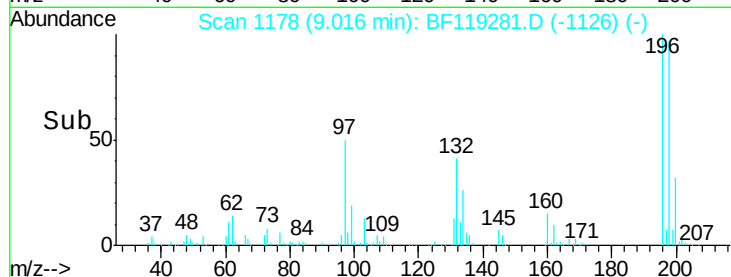
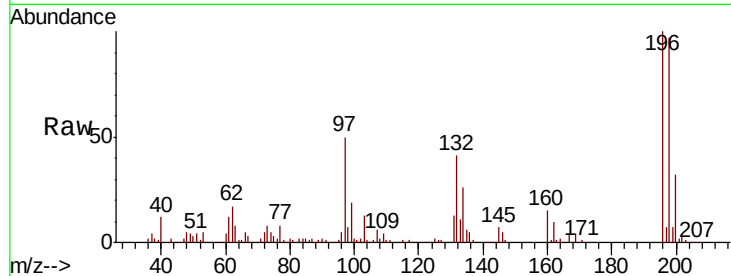
#43
 2,4,6-Trichlorophenol
 Concen: 41.314 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	234375		
198	96.8	77.1	115.7	
200	31.6	25.0	37.6	

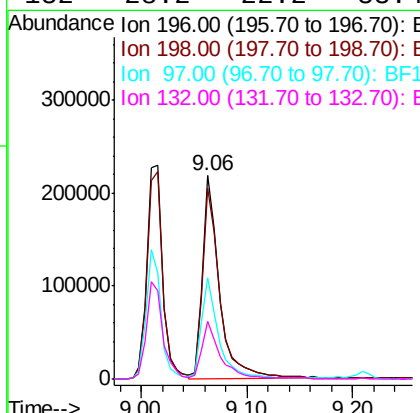
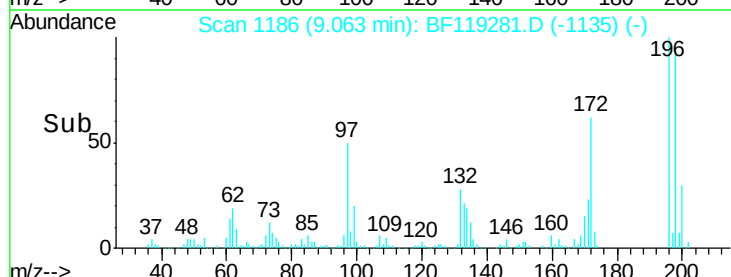
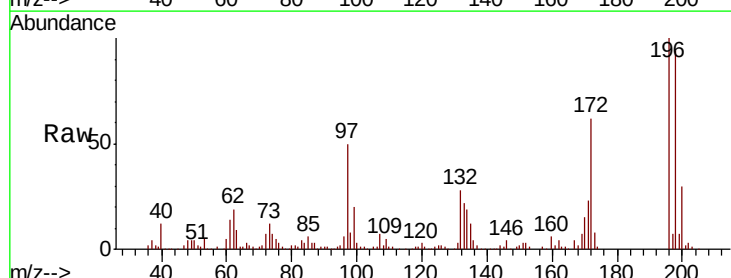
Manual Integrations
 APPROVED

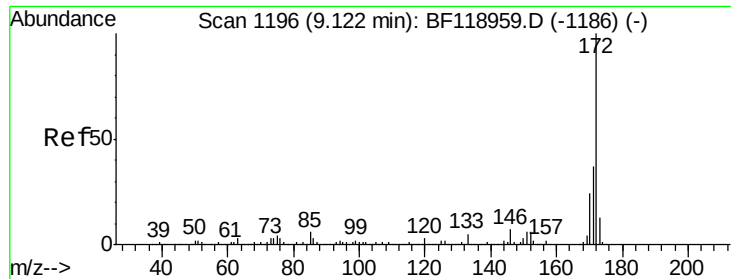
mohammad
 3/10/2020 2:44:04 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.920 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	243598		
198	93.5	76.8	115.2	
97	50.0	38.5	57.7	
132	28.2	22.2	33.4	





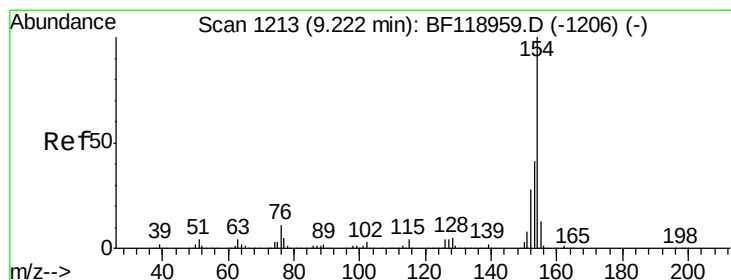
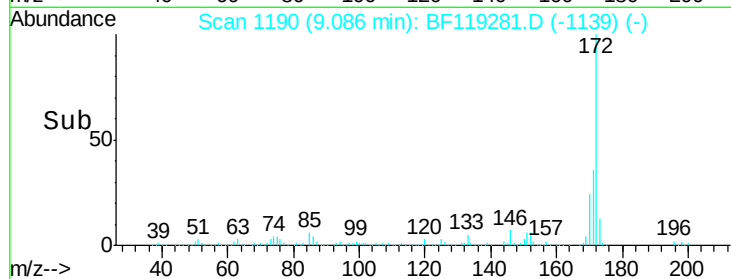
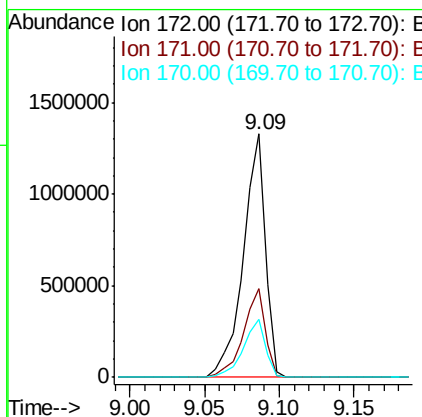
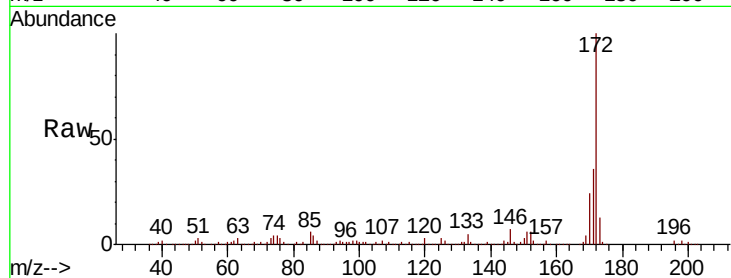
#45
2-Fluorobiphenyl
Concen: 75.238 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	23.8	20.2	30.2

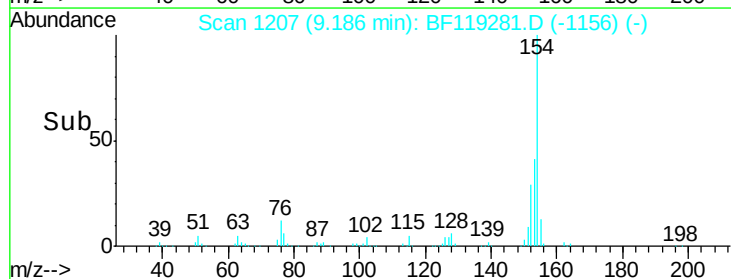
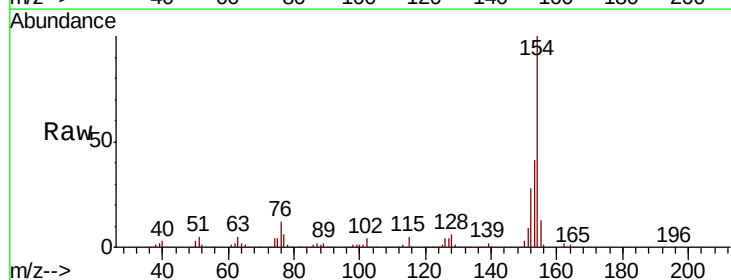
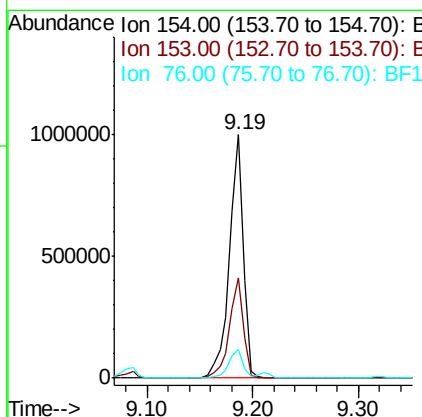
Manual Integrations
APPROVED

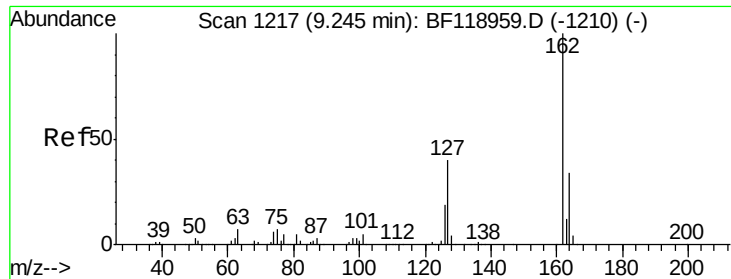
mohammad
3/10/2020 2:44:04 PM



#46
1,1'-Biphenyl
Concen: 42.133 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.8	62.8
76	11.8	0.0	32.2





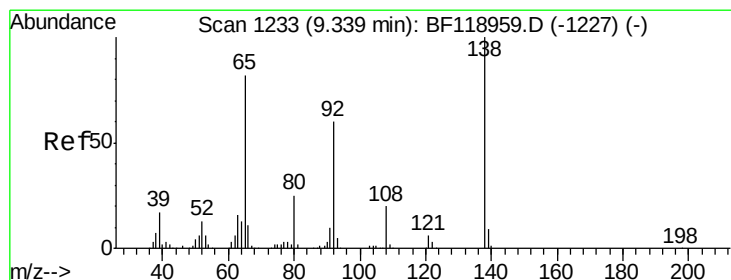
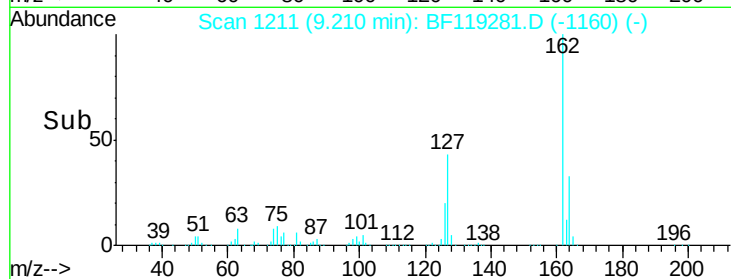
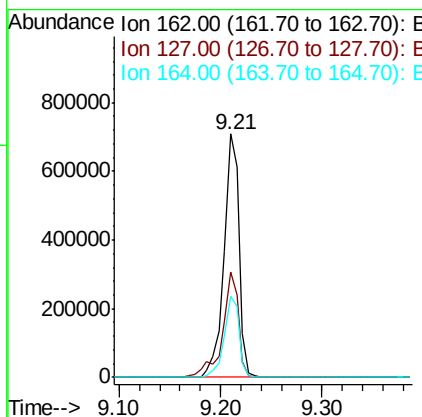
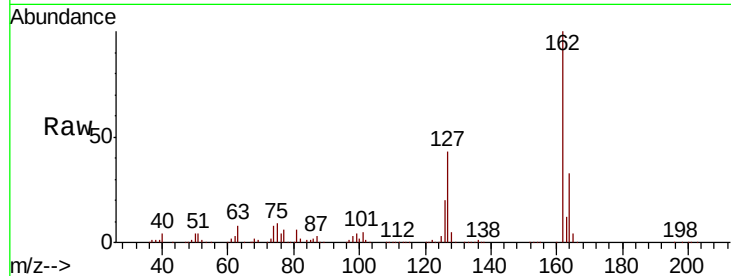
#47
 2-Chloronaphthalene
 Concen: 41.952 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	35.0	52.4
164	33.4	27.2	40.8

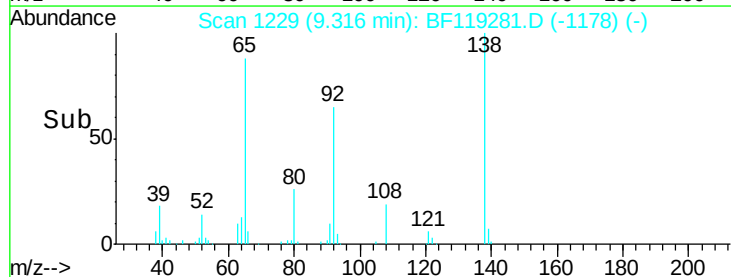
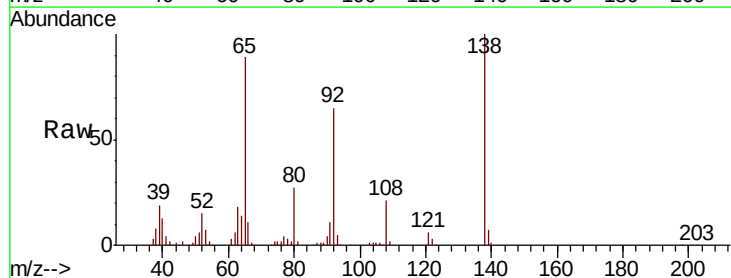
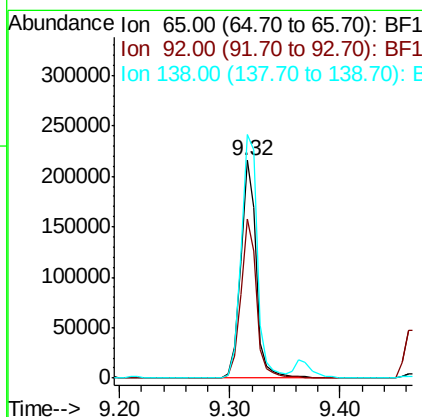
Manual Integrations
 APPROVED

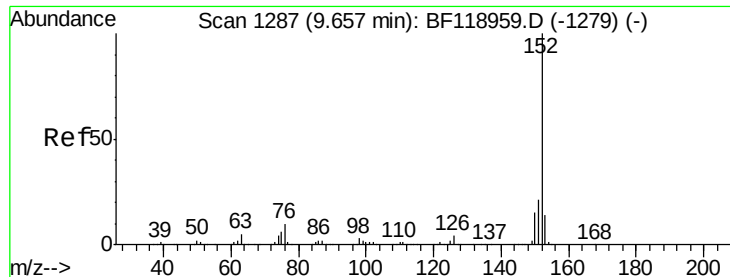
mohammad
 3/10/2020 2:44:04 PM



#48
 2-Nitroaniline
 Concen: 44.069 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	58.2	87.2
138	111.8	95.6	143.4





#49

Acenaphthylene

Concen: 44.005 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

PB127309BS

Tot Ion:152 Resp: 1102929

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

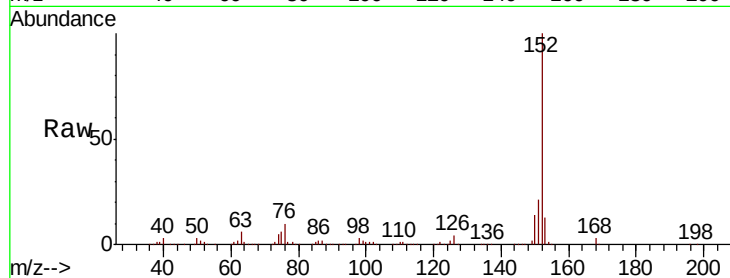
153 12.9 11.0 16.6

Manual Integrations

APPROVED

mohammad

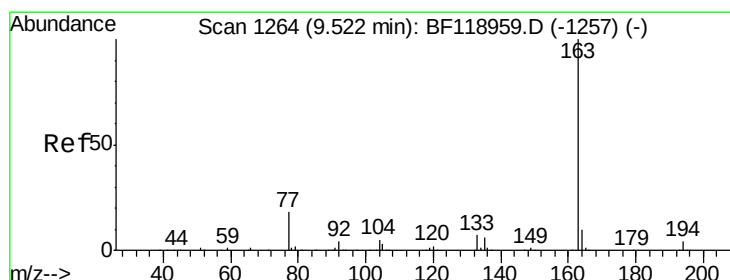
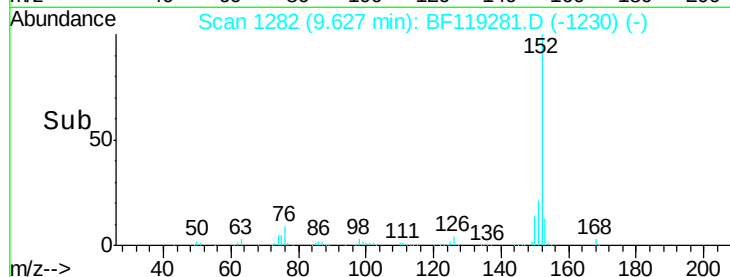
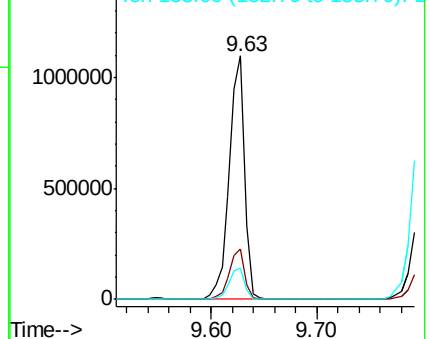
3/10/2020 2:44:04 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.320 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

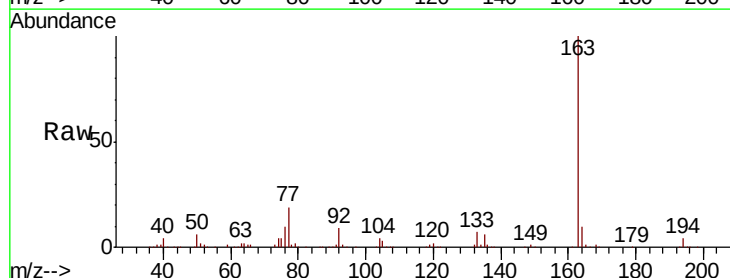
Tgt Ion:163 Resp: 882637

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

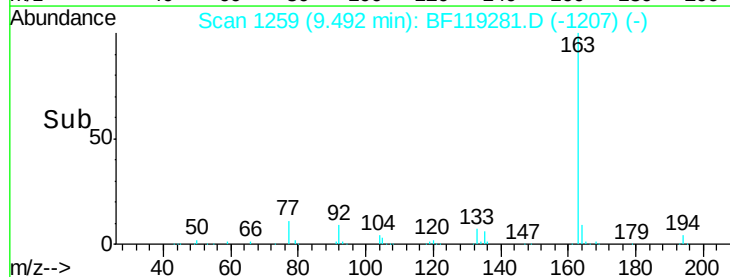
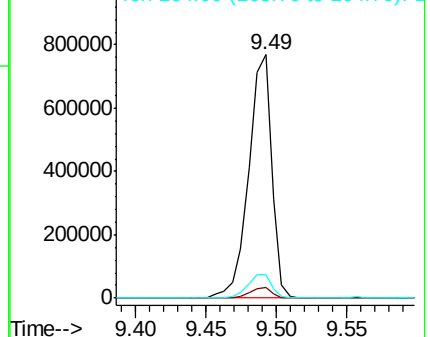
164 9.8 8.4 12.6

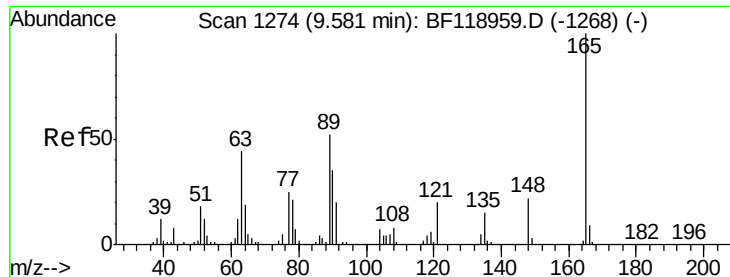


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.389 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

PB127309BS

Tot Ion:165 Resp: 200936
Ion Ratio Lower Upper

165 100

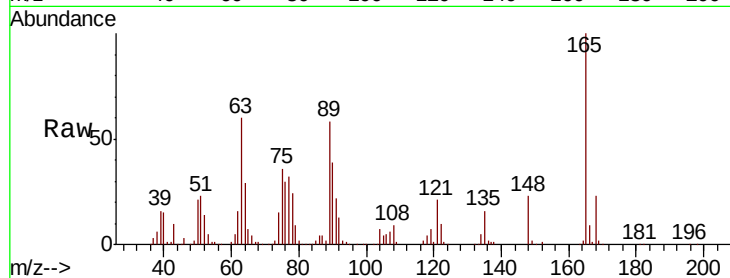
63 60.0 34.3 51.5#

89 57.7 38.3 57.5#

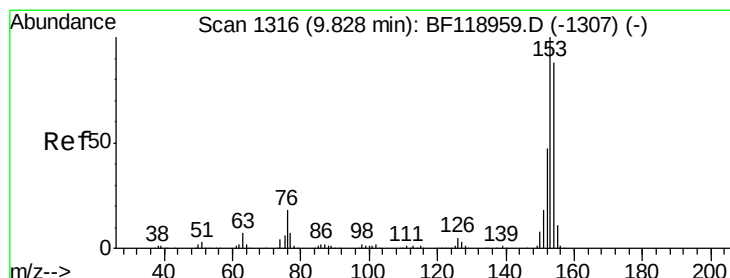
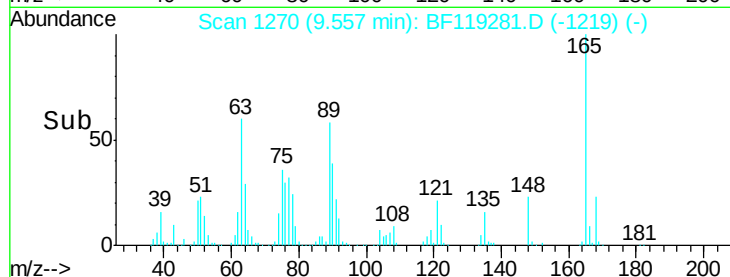
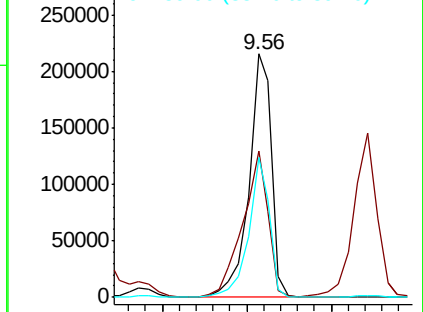
Manual Integrations
APPROVED

mohammad

3/10/2020 2:44:04 PM



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



#52

Acenaphthene

Concen: 43.355 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF119281.D

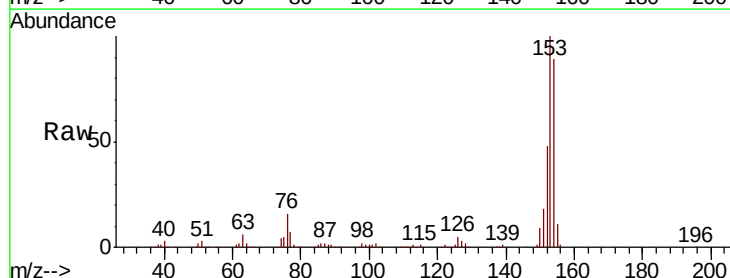
Acq: 9 Mar 2020 11:49

Tgt Ion:154 Resp: 655227
Ion Ratio Lower Upper

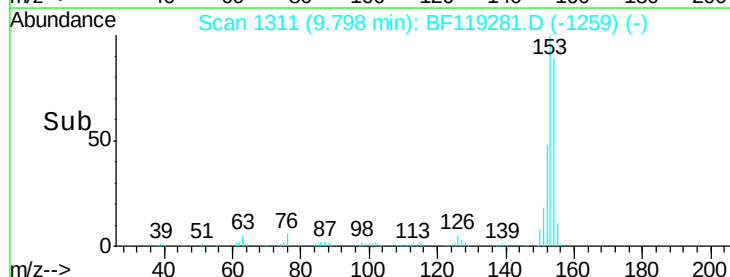
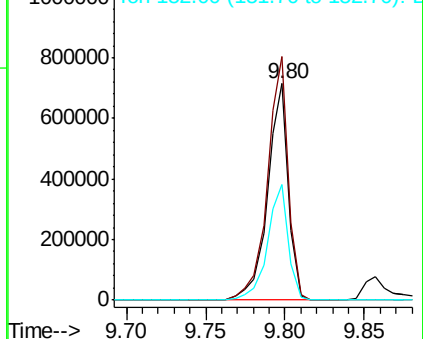
154 100

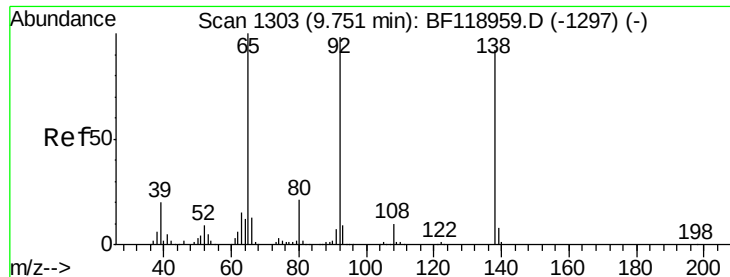
153 112.7 90.3 135.5

152 53.8 43.8 65.8



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





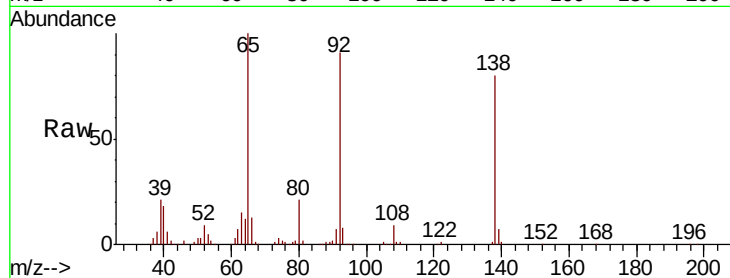
#53
3-Nitroaniline
Concen: 28.600 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	143528		
108	11.5	8.8	13.2	
92	114.0	84.8	127.2	

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM

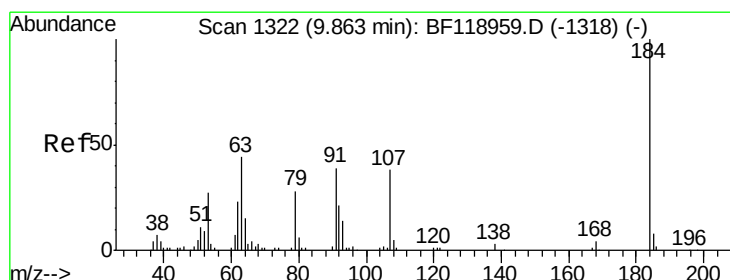
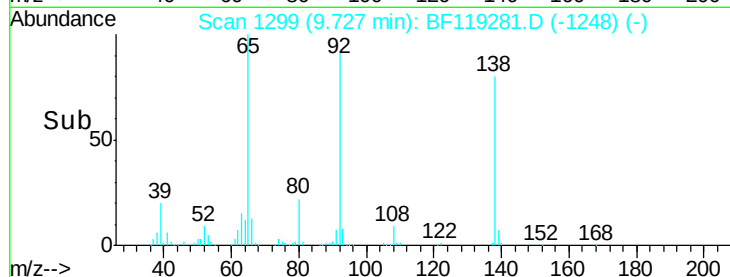
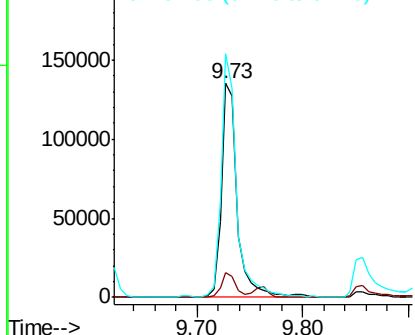


Abundance

Ion 138.00 (137.70 to 138.70): E

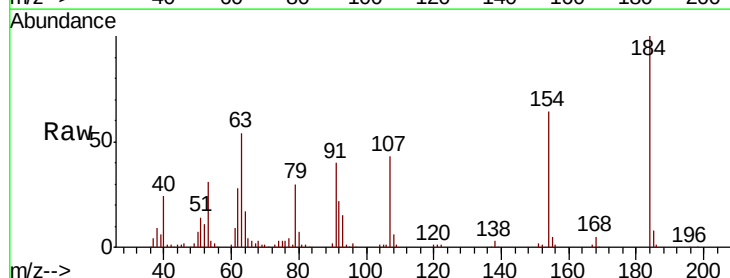
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 69.755 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	151143		
63	53.8	38.7	58.1	
154	63.9	49.7	74.5	

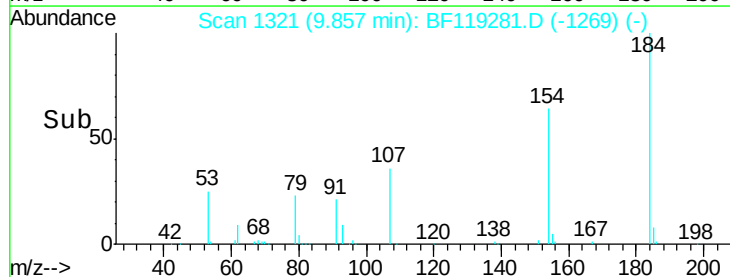
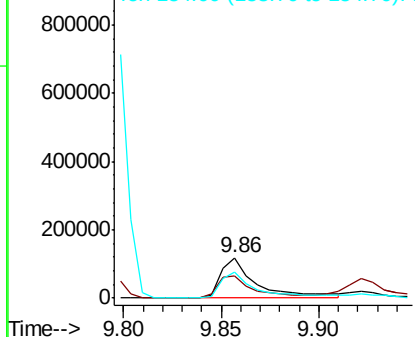


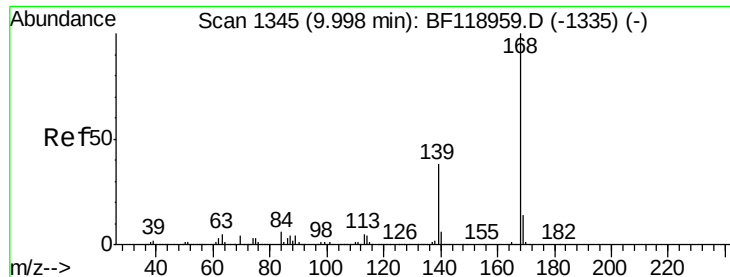
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





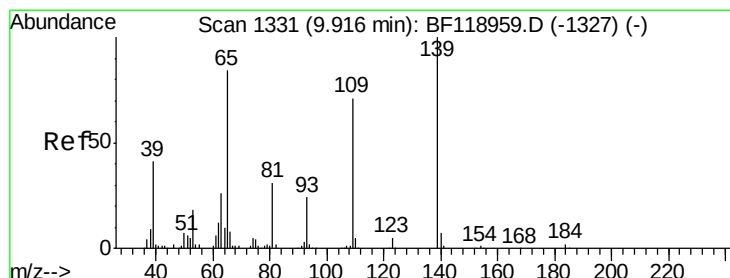
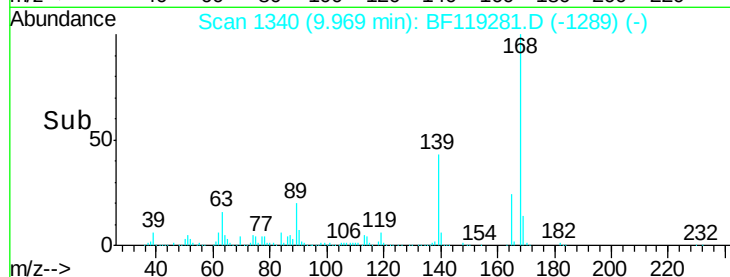
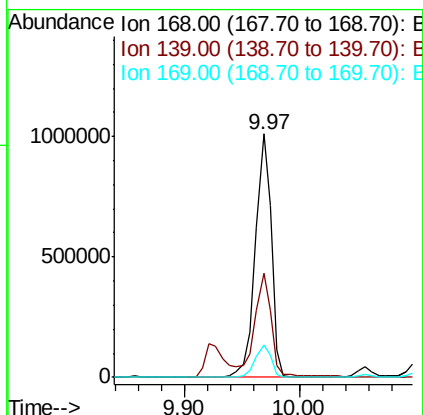
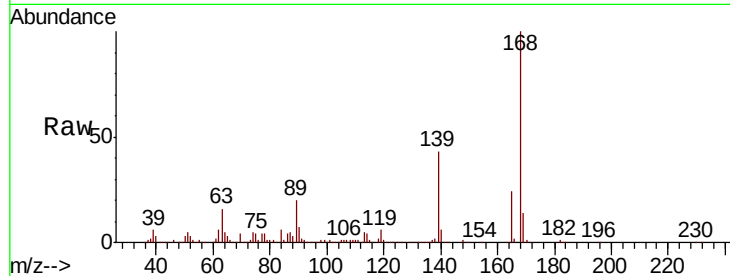
#55
Dibenzofuran
Concen: 42.938 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.9	34.0	51.0
169	13.5	11.0	16.4

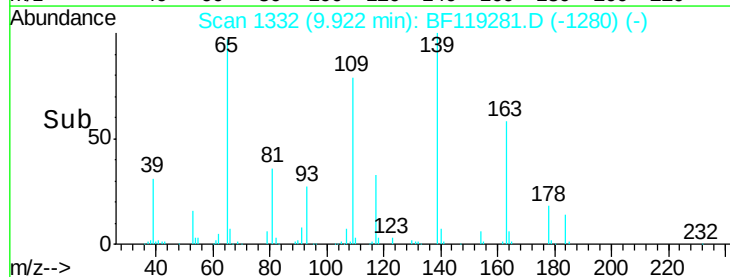
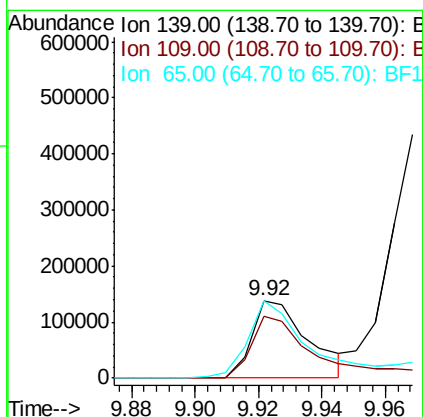
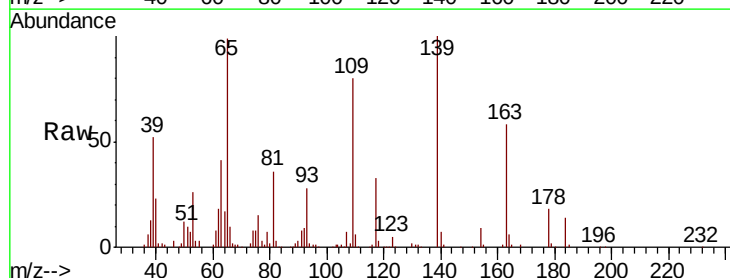
Manual Integrations
APPROVED

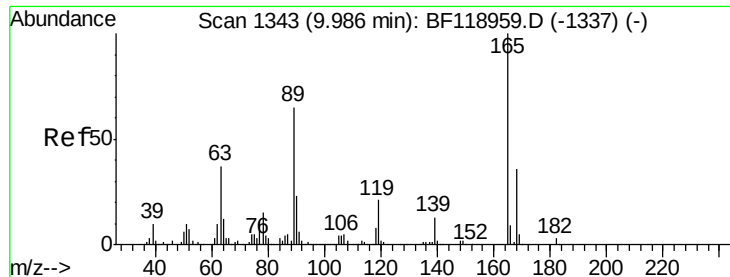
mohammad
3/10/2020 2:44:04 PM



#56
4-Nitrophenol
Concen: 56.378 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.1	56.7	96.7
65	99.4	65.0	105.0





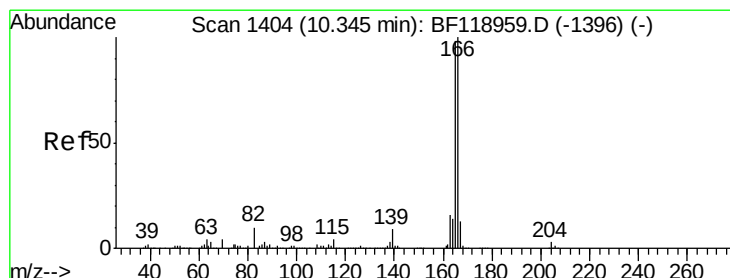
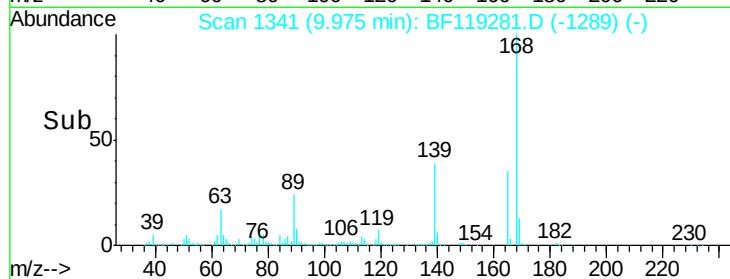
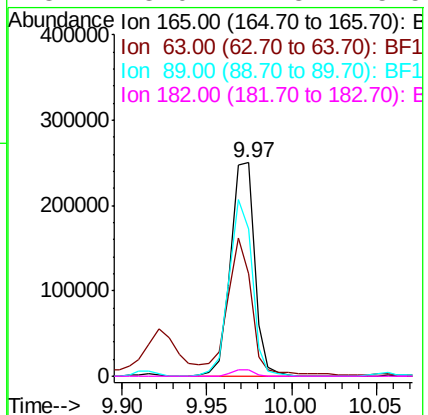
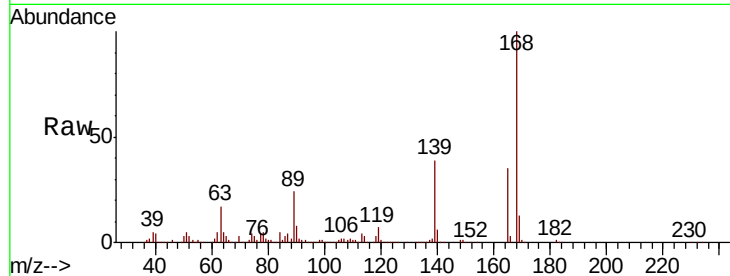
#57
2,4-Dinitrotoluene
Concen: 42.531 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion:	165	Resp:	249549
Ion Ratio	Lower	Upper	
165	100		
63	47.8	42.3	63.5
89	69.1	60.2	90.4
182	3.0	2.3	3.5

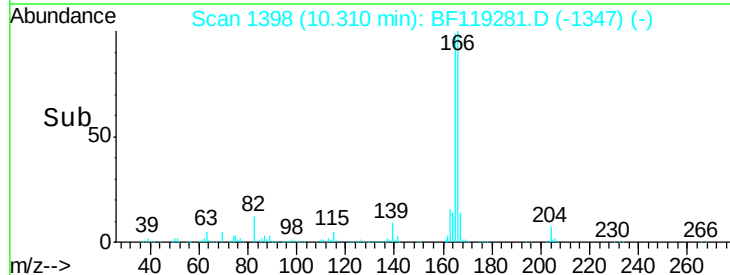
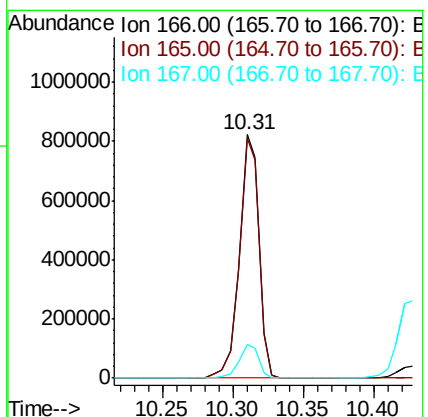
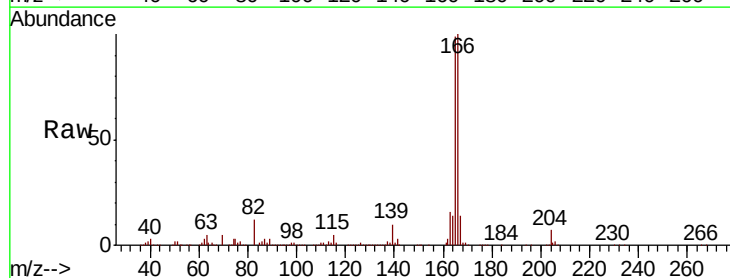
Manual Integrations
APPROVED

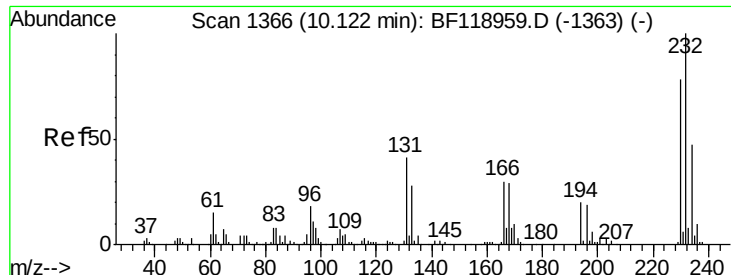
mohammad
3/10/2020 2:44:04 PM



#58
Fluorene
Concen: 44.972 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:	166	Resp:	788298
Ion Ratio	Lower	Upper	
166	100		
165	98.6	78.5	117.7
167	13.6	11.0	16.4





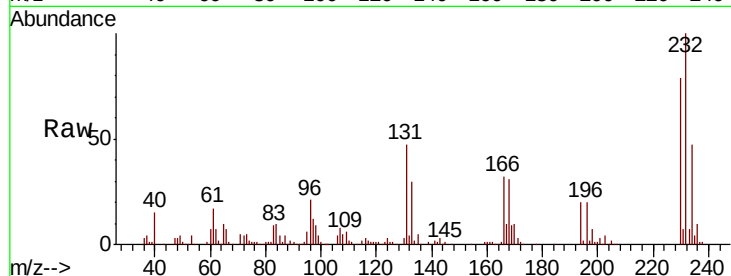
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.523 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		218624		
131	40.1	33.8	50.8		
130	2.4	1.8	2.6		
166	27.5	23.0	34.4		

Manual Integrations
 APPROVED

mohammad
 3/10/2020 2:44:04 PM



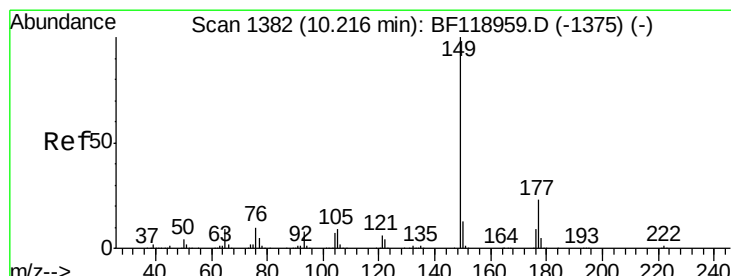
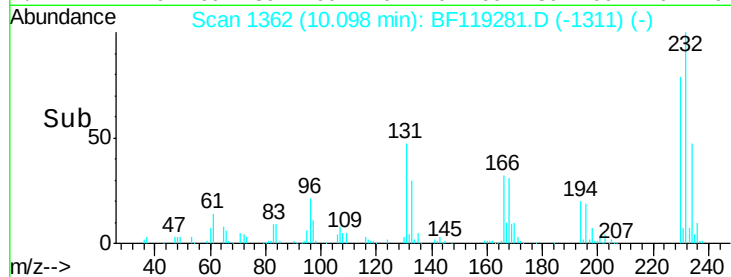
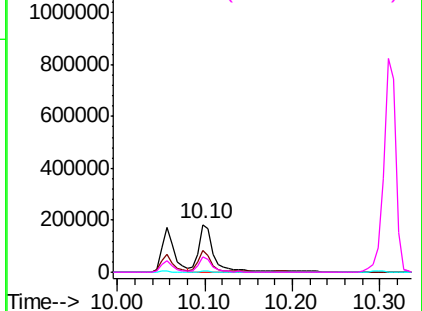
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

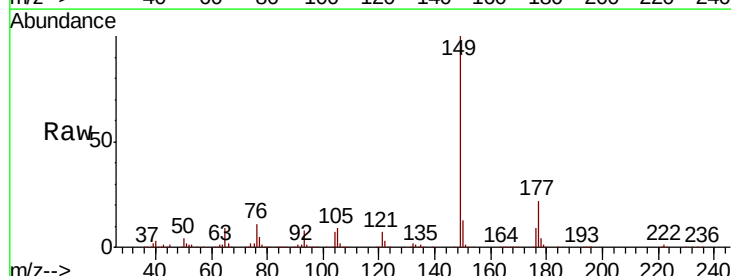
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.928 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		862660		
177	22.2	18.2	27.2		
150	12.9	10.5	15.7		

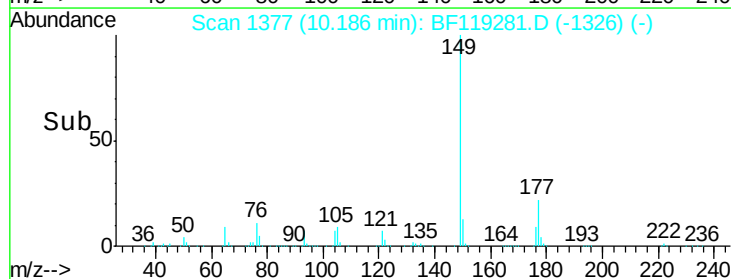
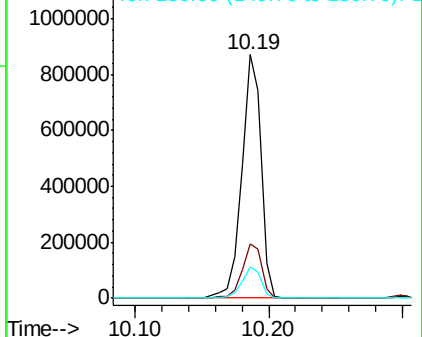


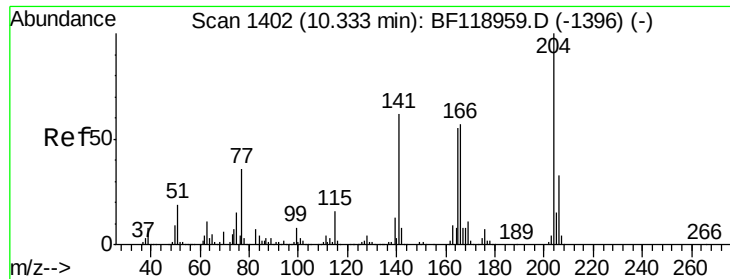
Abundance

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





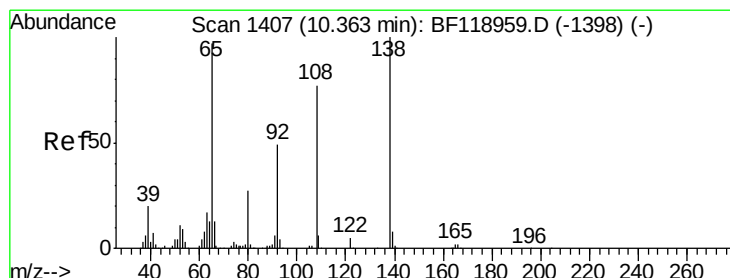
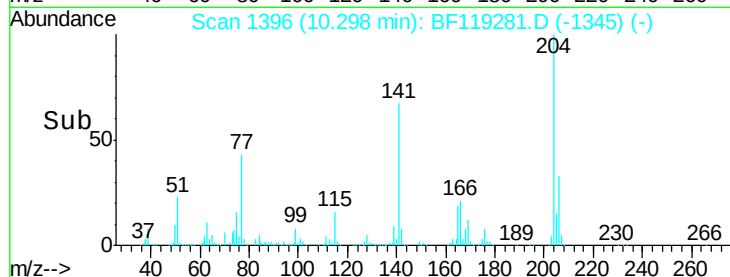
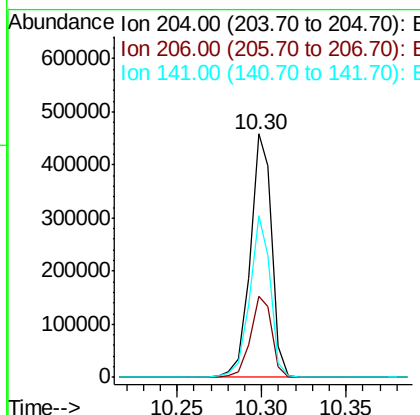
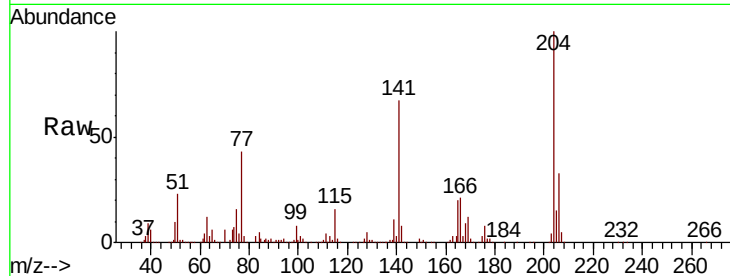
#61
4-Chlorophenyl-phenylether
Concen: 44.131 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	409451		
206	33.4	27.1	40.7	
141	66.6	52.9	79.3	

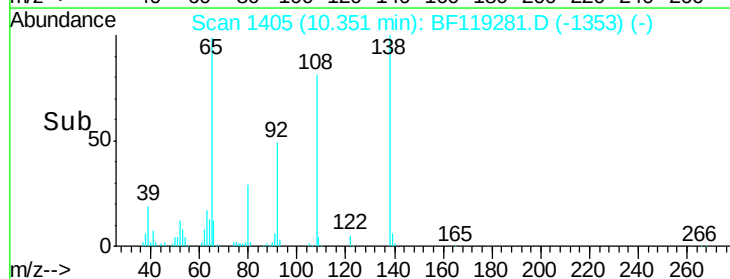
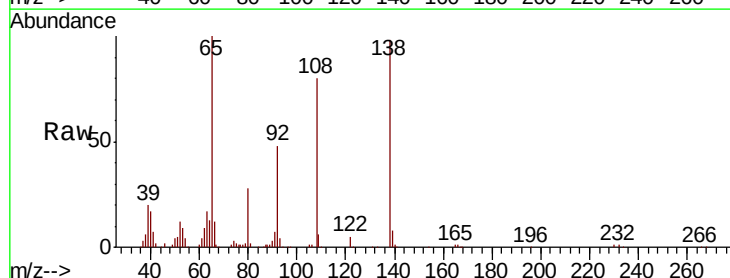
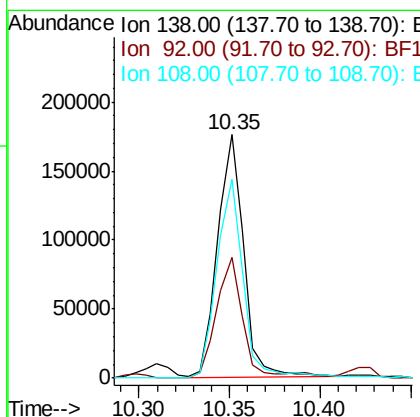
Manual Integrations
APPROVED

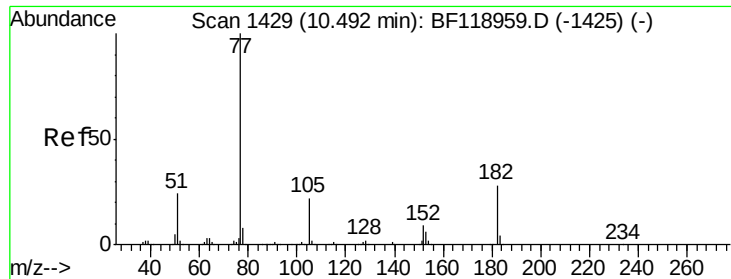
mohammad
3/10/2020 2:44:04 PM



#62
4-Nitroaniline
Concen: 34.235 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	175774		
92	49.5	27.3	67.3	
108	81.7	57.0	97.0	





#63

Azobenzene

Concen: 46.117 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

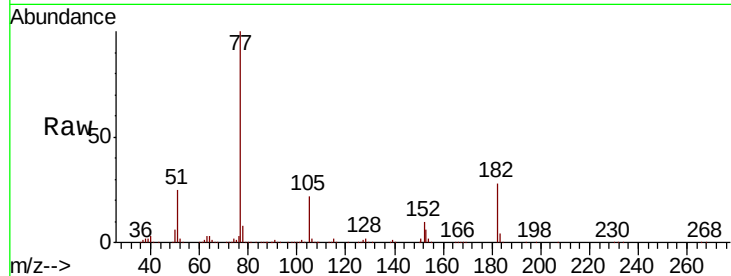
ClientSampleId :

PB127309BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.3	11.4	51.4	
105	22.2	3.4	43.4	
51	24.6	5.1	45.1	

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM

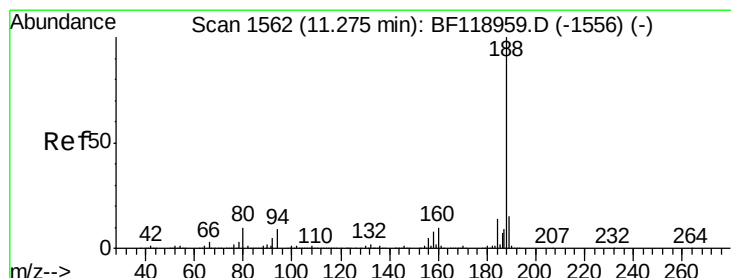
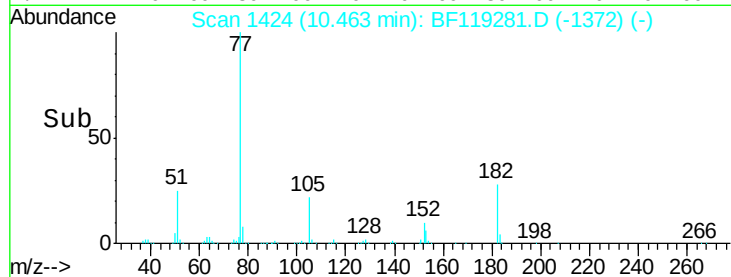
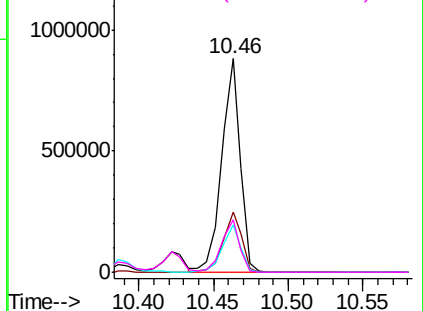


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119281.D

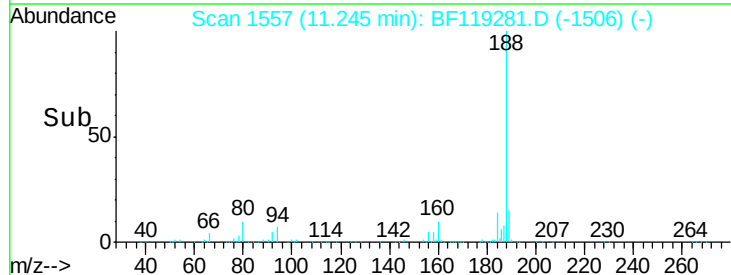
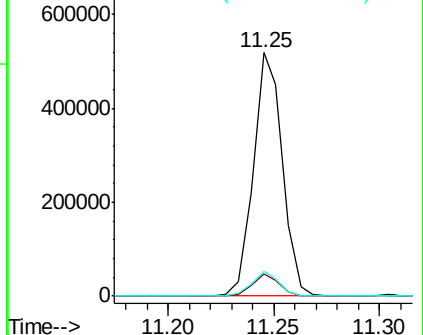
Acq: 9 Mar 2020 11:49

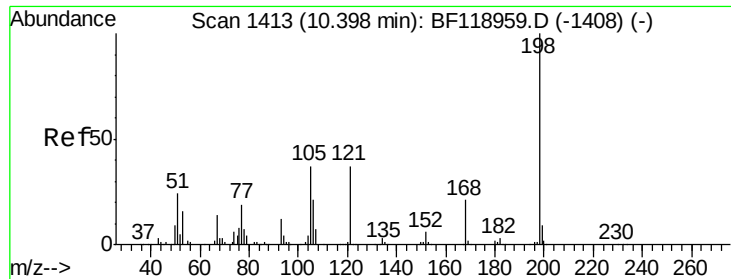
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.1	10.7	
80	10.0	7.8	11.8	

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





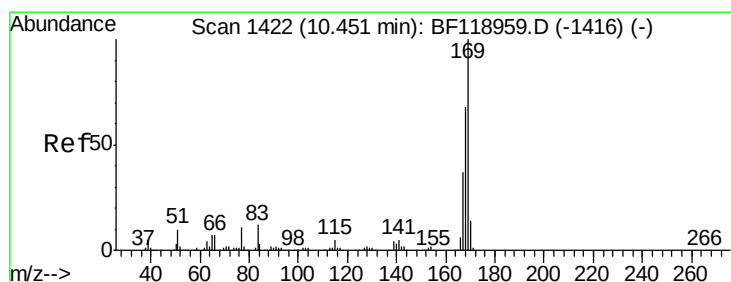
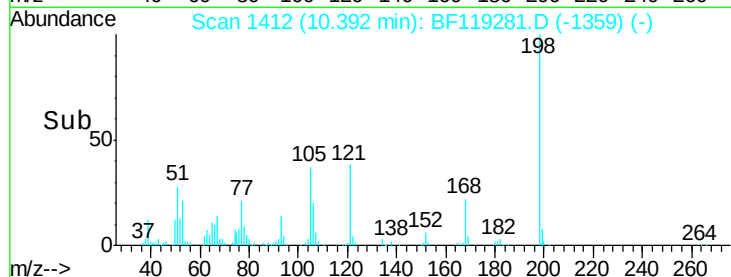
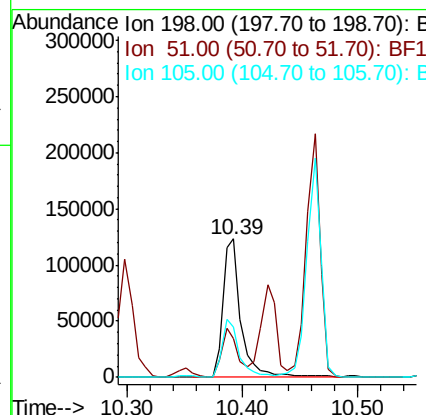
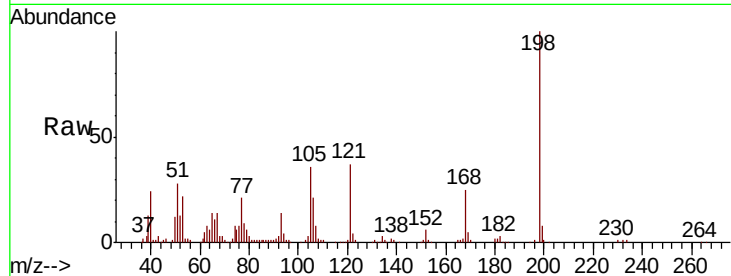
#65
4,6-Dinitro-2-methylphenol
Concen: 44.316 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	132919		
51	28.1	14.2	54.2	
105	36.2	22.7	62.7	

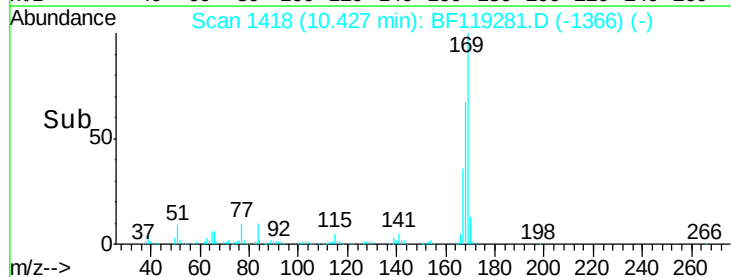
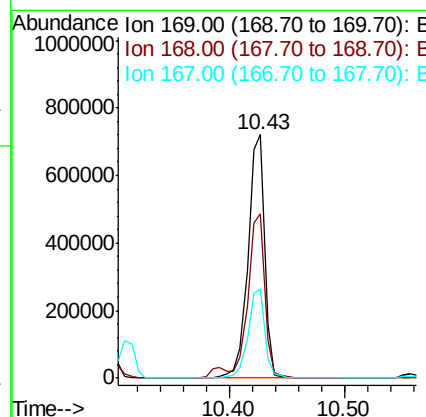
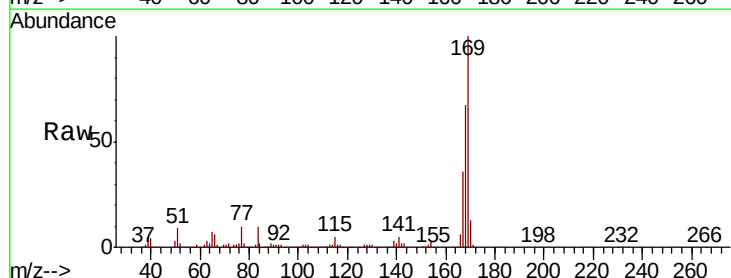
Manual Integrations
APPROVED

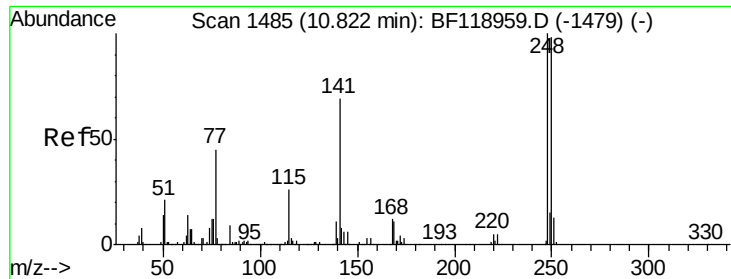
mohammad
3/10/2020 2:44:04 PM



#66
n-Nitrosodiphenylamine
Concen: 44.292 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	718853		
168	67.4	54.1	81.1	
167	36.4	29.4	44.0	





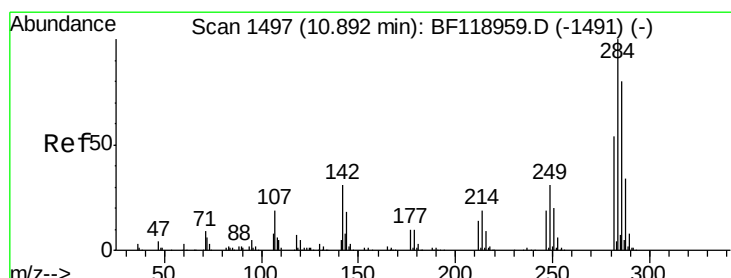
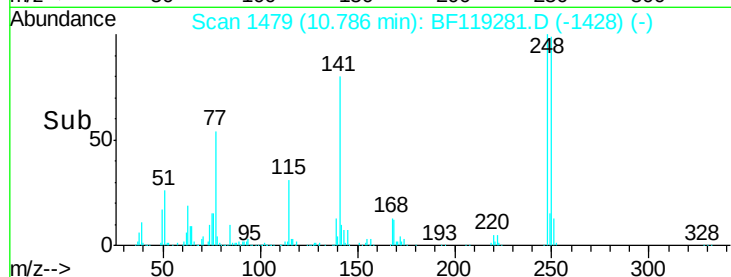
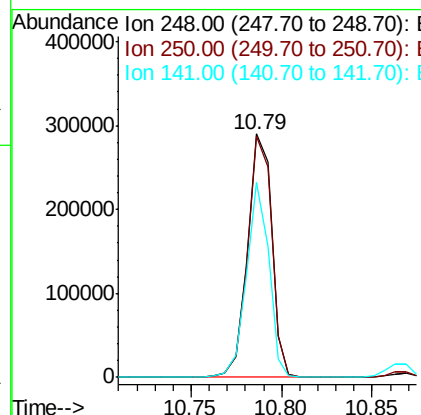
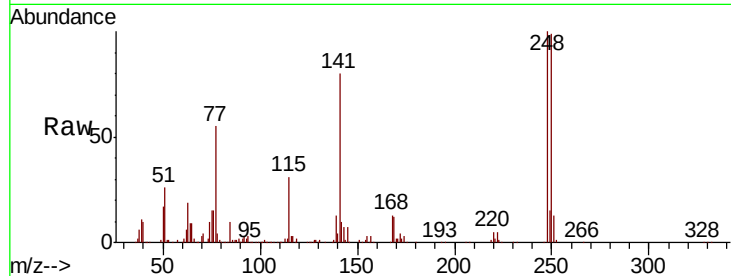
#67
4-Bromophenyl-phenylether
Concen: 41.797 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.7	115.1
141	79.8	60.7	91.1

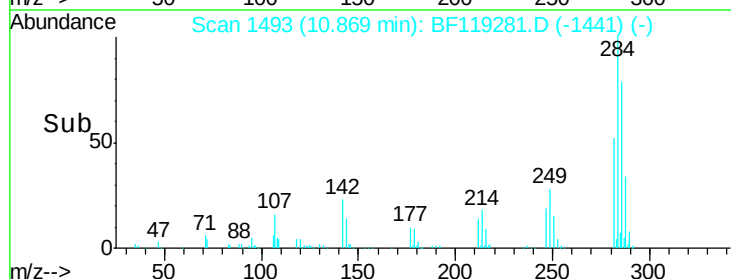
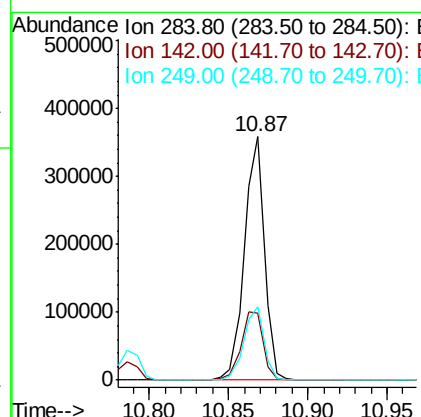
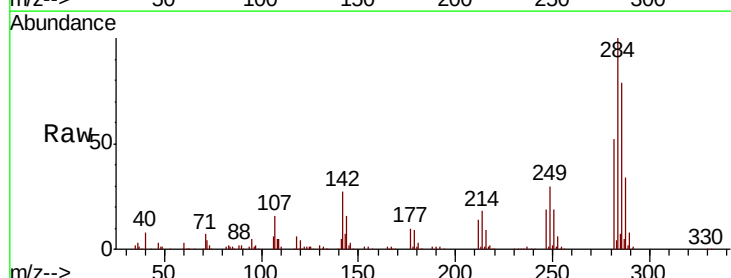
Manual Integrations
APPROVED

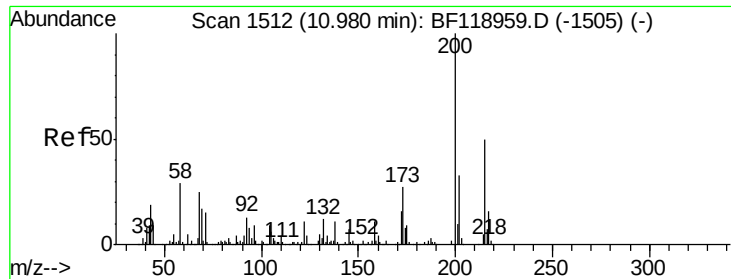
mohammad
3/10/2020 2:44:04 PM



#68
Hexachlorobenzene
Concen: 41.993 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	23.7	35.5
249	30.1	25.0	37.6





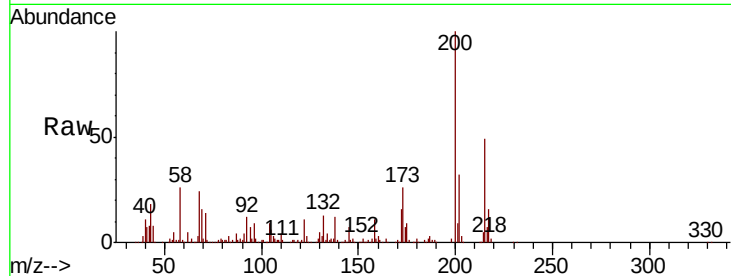
#69
Atrazine
Concen: 45.199 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

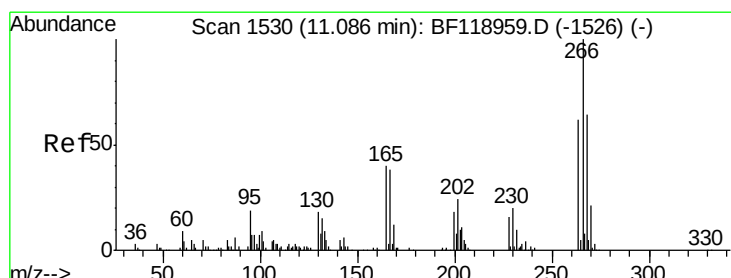
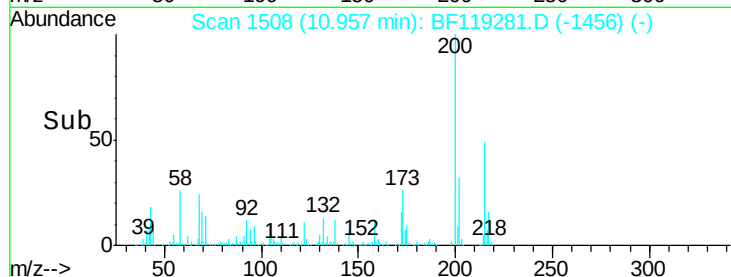
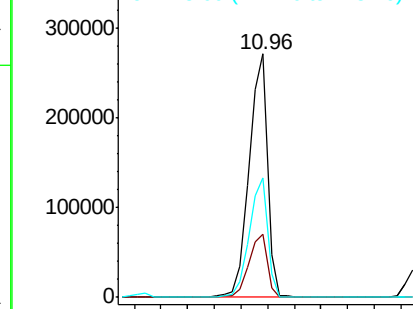
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.4	46.4
215	49.2	27.4	67.4

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM

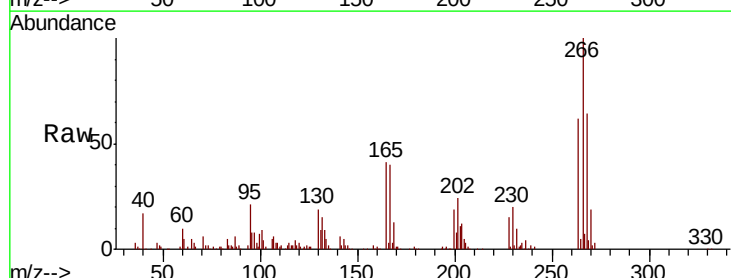


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

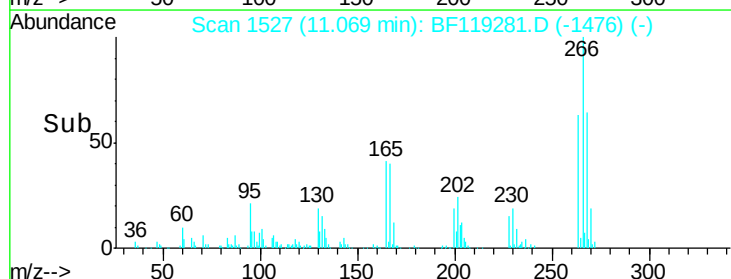
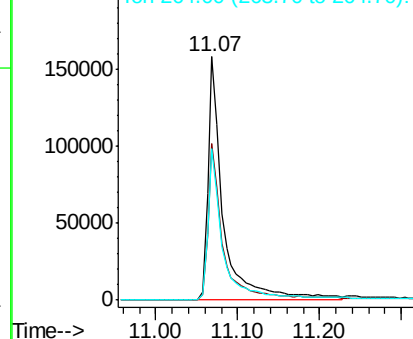


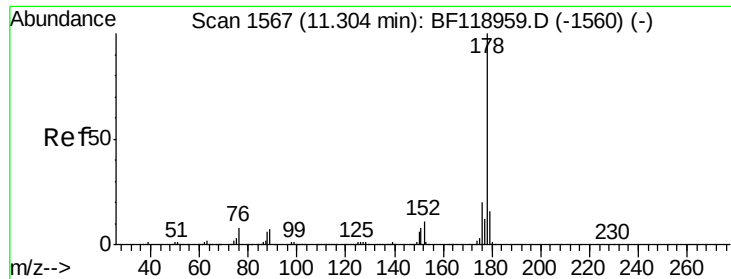
#70
Pentachlorophenol
Concen: 69.630 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.9	77.9
264	62.5	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





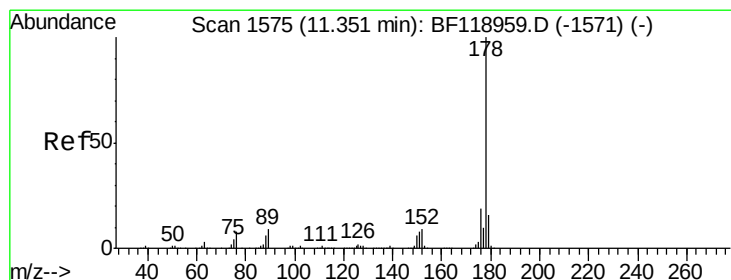
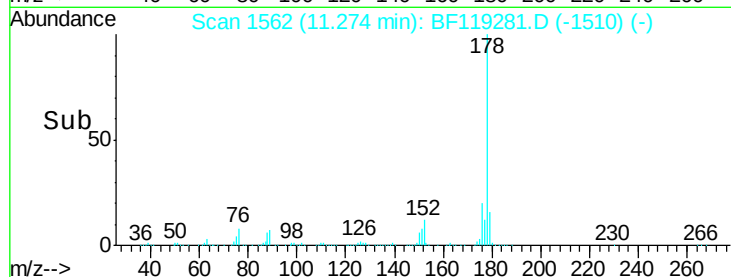
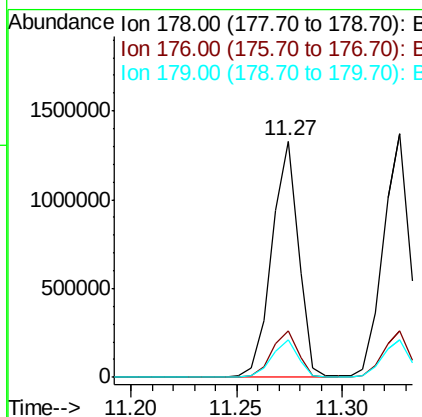
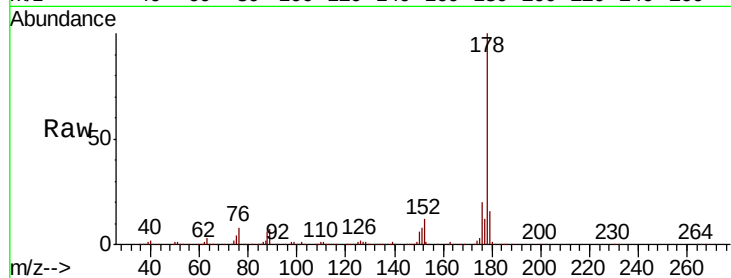
#71
Phenanthrene
Concen: 43.202 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion:178 Resp: 1167797
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 16.0 13.0 19.6

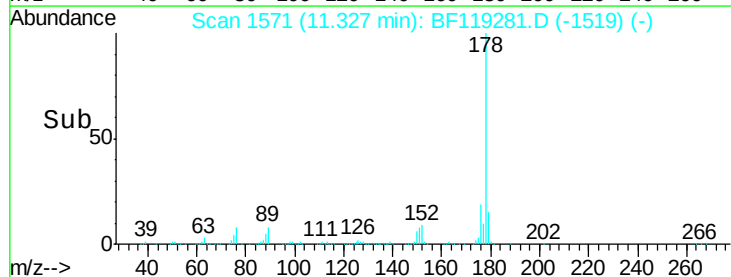
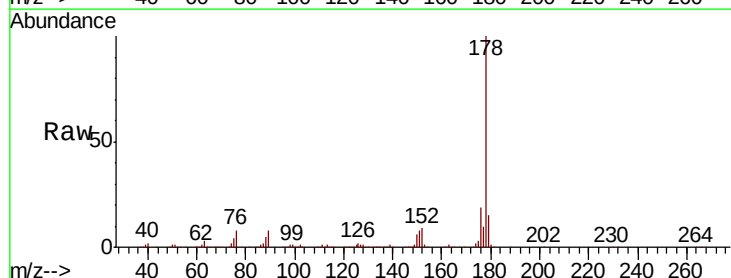
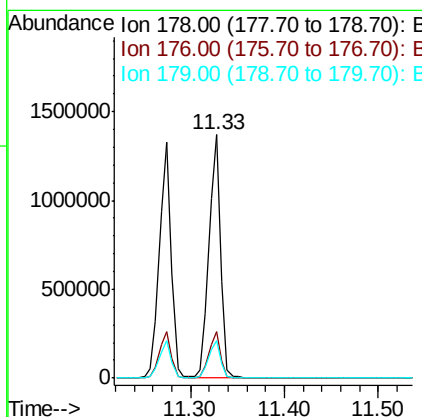
Manual Integrations
APPROVED

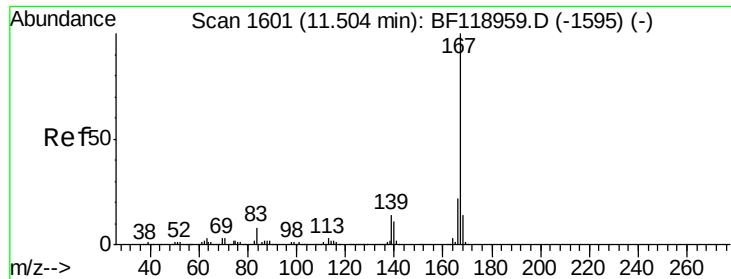
mohammad
3/10/2020 2:44:04 PM



#72
Anthracene
Concen: 44.779 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion:178 Resp: 1209422
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.4 13.1 19.7





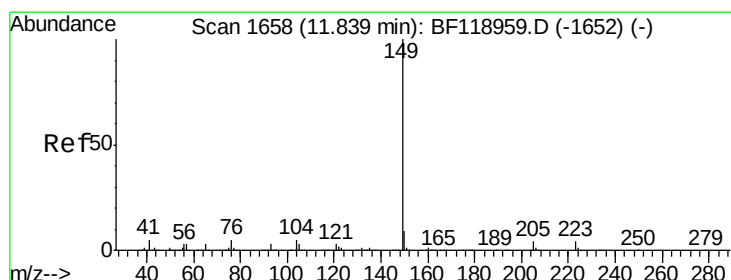
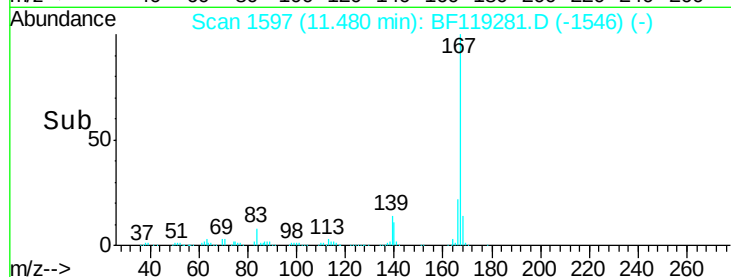
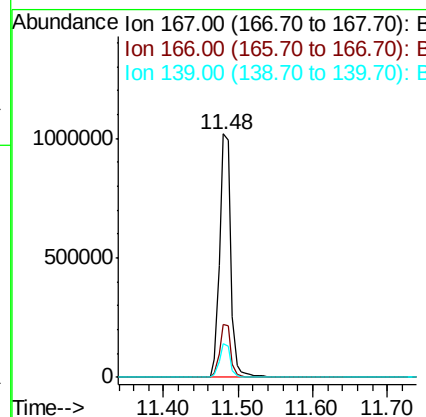
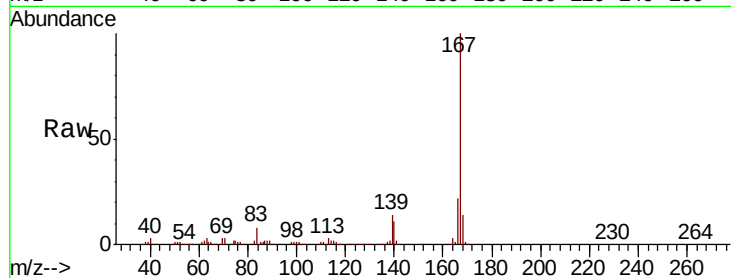
#73
 Carbazole
 Concen: 43.351 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	14.0	11.7	17.5

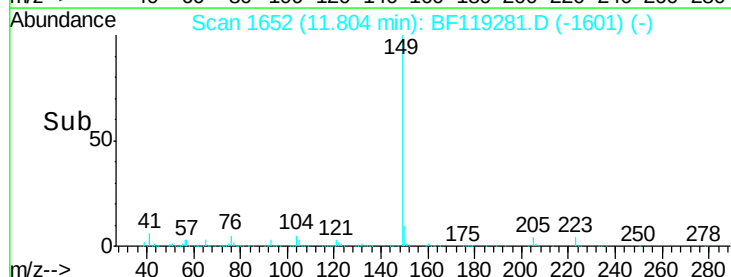
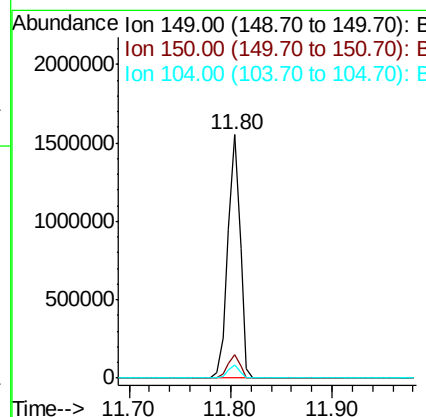
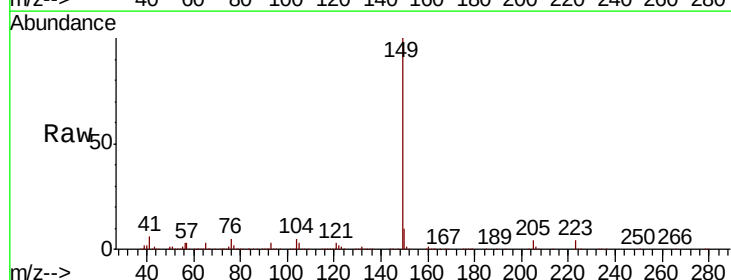
Manual Integrations
 APPROVED

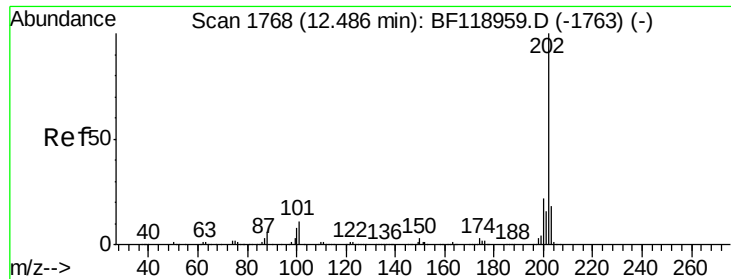
mohammad
 3/10/2020 2:44:04 PM



#74
 Di-n-butylphthalate
 Concen: 44.864 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.3	4.6	6.8





#75

Fluoranthene

Concen: 43.028 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

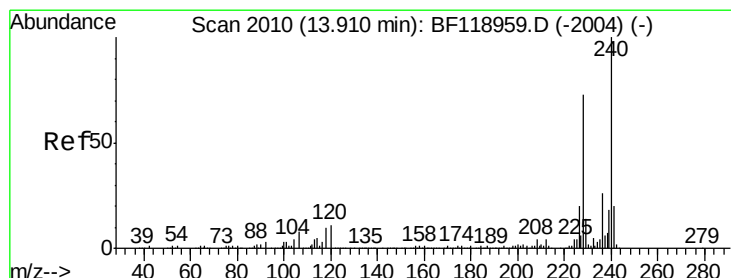
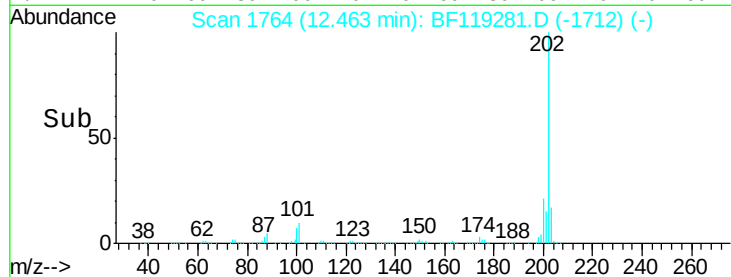
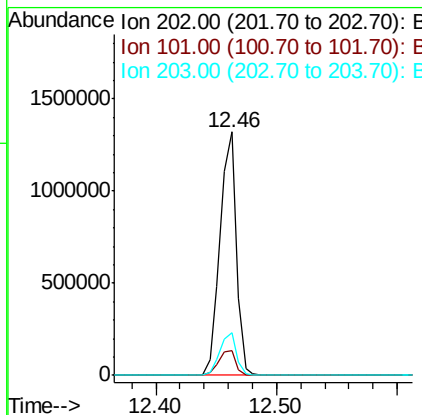
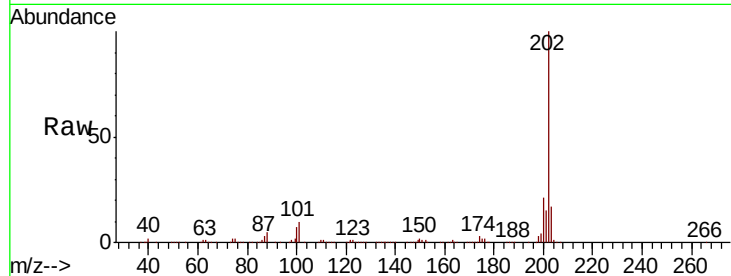
ClientSampleId :

PB127309BS

Tot Ion:	202	Resp:	1234611
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.3
203	17.4	0.0	38.4

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM



#76

Chrysene-d12

Concen: 20.000 ng

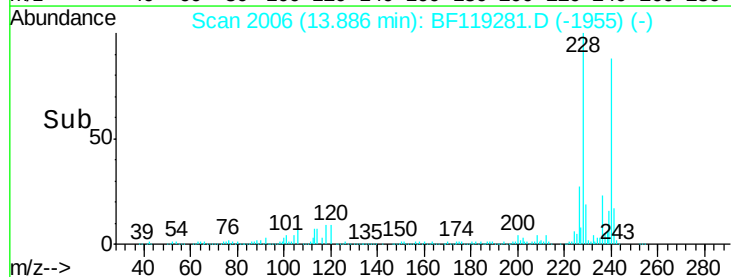
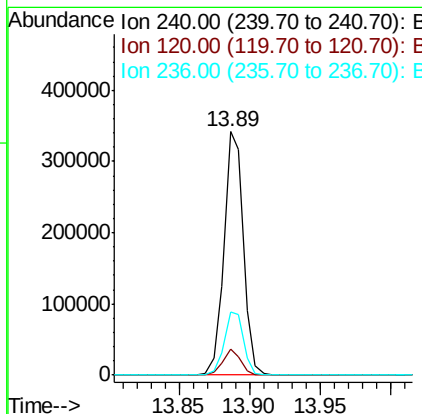
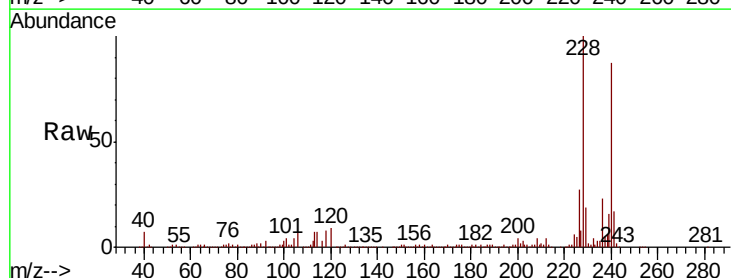
RT: 13.89 min Scan# 2006

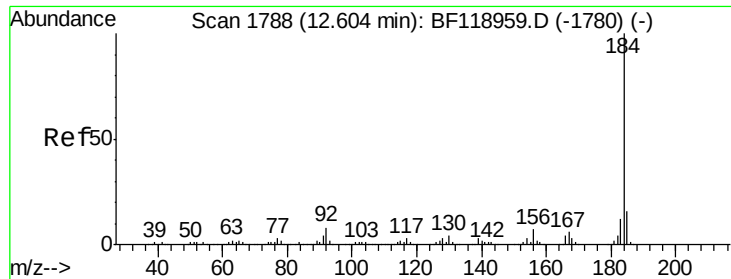
Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Tgt Ion:	240	Resp:	325745
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.4	12.6
236	26.1	21.0	31.4





#77

Benzidine

Concen: 24.718 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

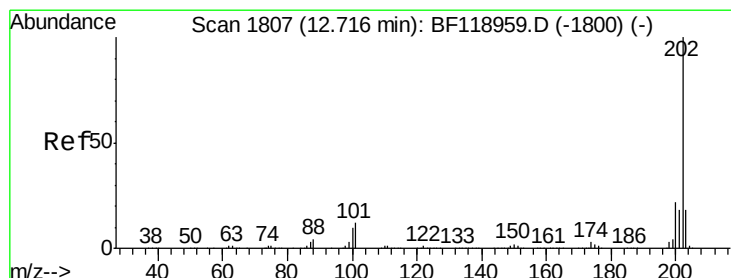
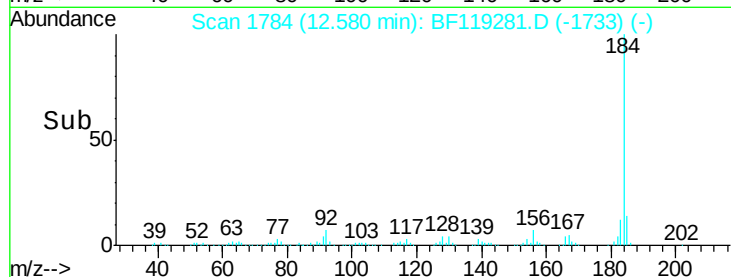
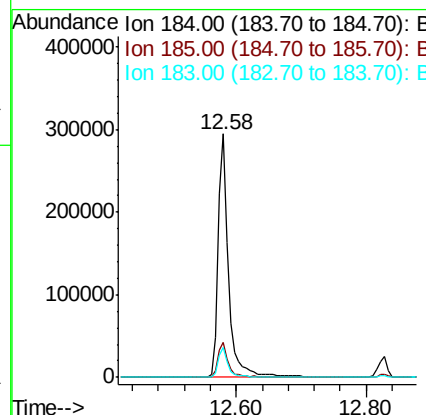
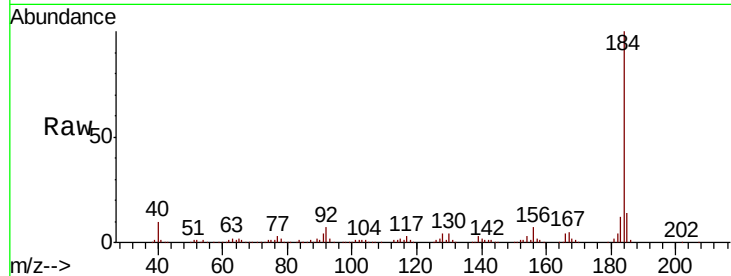
ClientSampleId :

PB127309BS

Tot Ion:	184	Resp:	327454
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.4
183	12.3	9.9	14.9

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM



#78

Pyrene

Concen: 46.554 ng

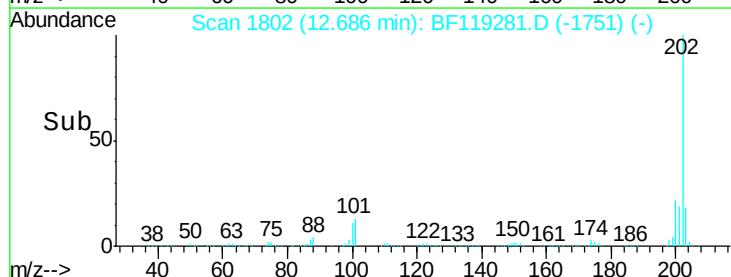
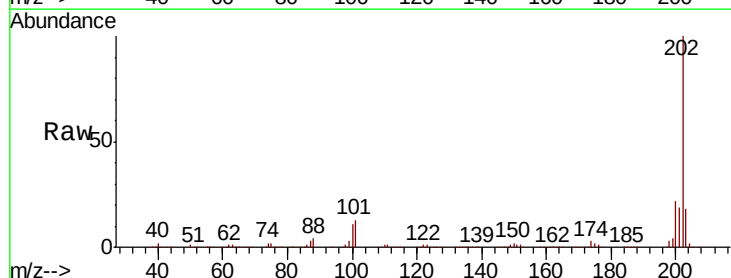
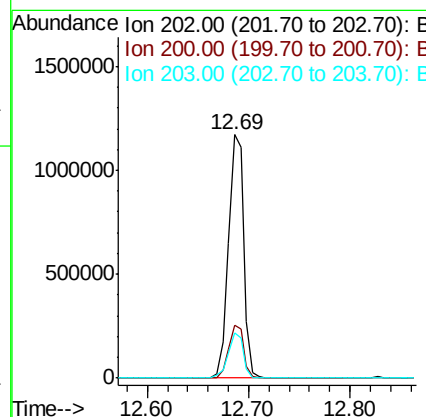
RT: 12.69 min Scan# 1802

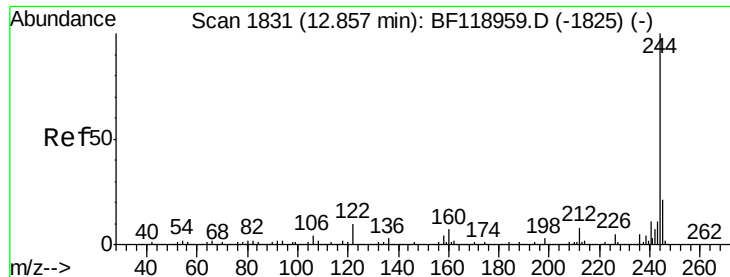
Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Tgt Ion:	202	Resp:	1217702
Ion Ratio	Lower	Upper	
202	100		
200	21.7	18.0	27.0
203	18.4	14.6	22.0





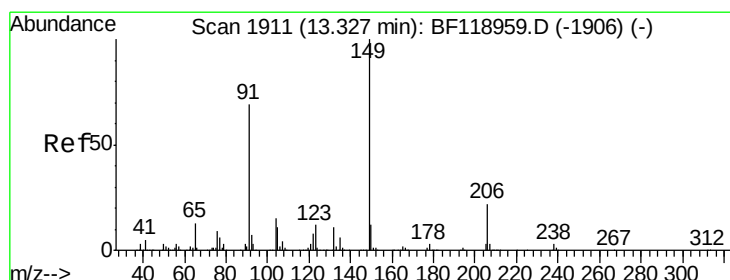
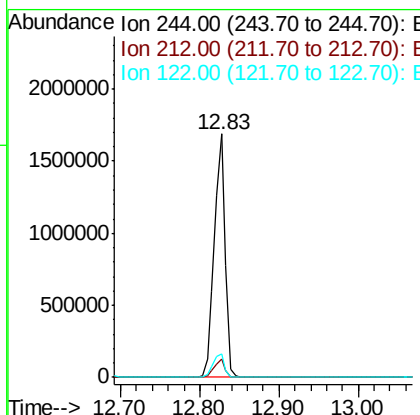
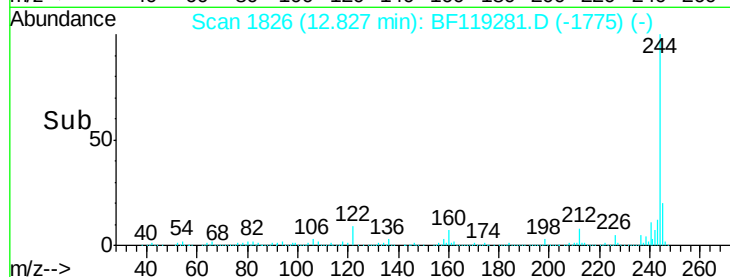
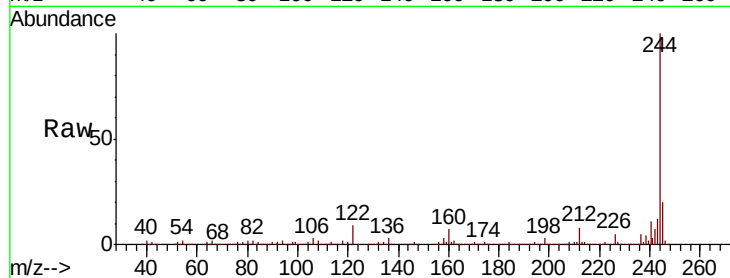
#79
 Terphenyl-d14
 Concen: 85.151 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	9.5	8.2	12.2

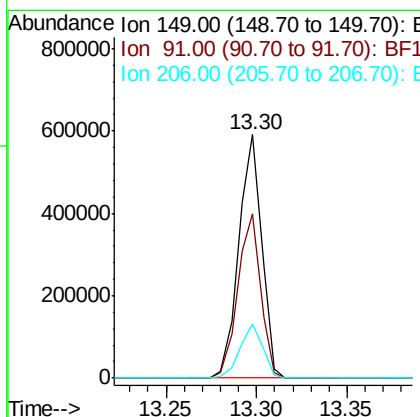
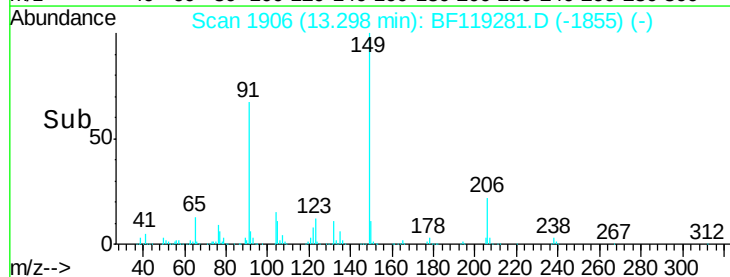
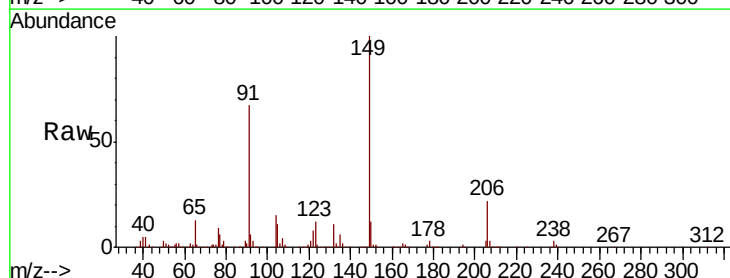
Manual Integrations
 APPROVED

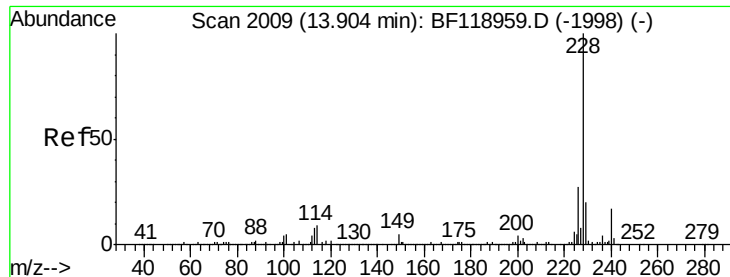
mohammad
 3/10/2020 2:44:04 PM



#80
 Butylbenzylphthalate
 Concen: 47.251 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	52.3	78.5
206	22.1	18.5	27.7





#81

Benzo(a)anthracene

Concen: 45.155 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

PB127309BS

Tot Ion:228 Resp: 1002222

Ion Ratio Lower Upper

228 100

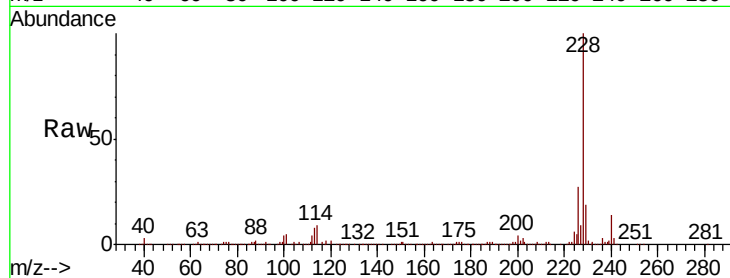
226 27.4 22.6 33.8

229 19.5 16.6 24.8

Manual Integrations
APPROVED

mohammad

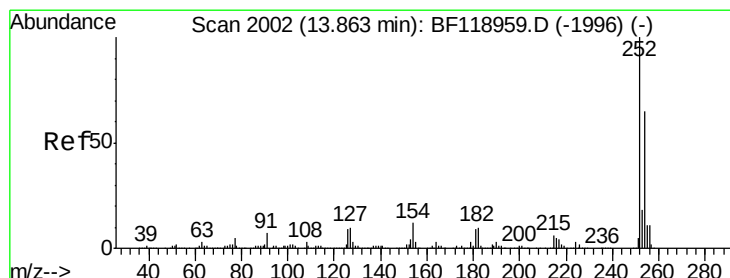
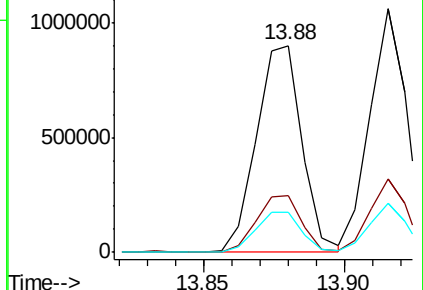
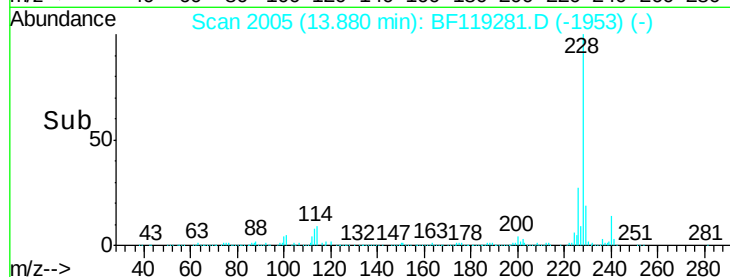
3/10/2020 2:44:04 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.051 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119281.D

Acq: 9 Mar 2020 11:49

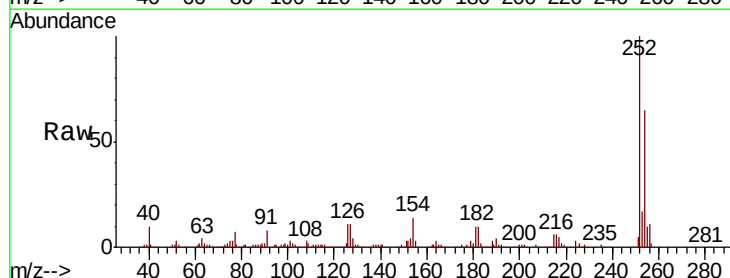
Tgt Ion:252 Resp: 284850

Ion Ratio Lower Upper

252 100

254 64.7 51.6 77.4

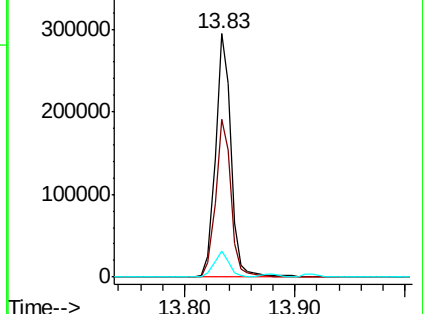
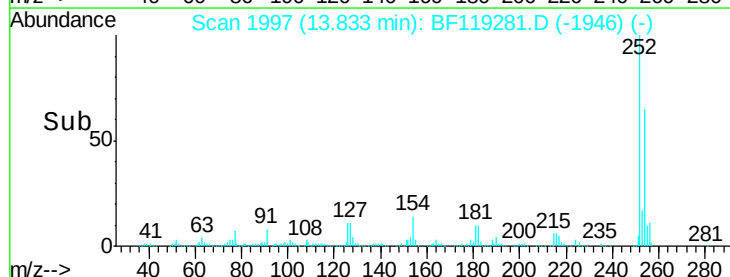
126 10.7 7.4 11.0

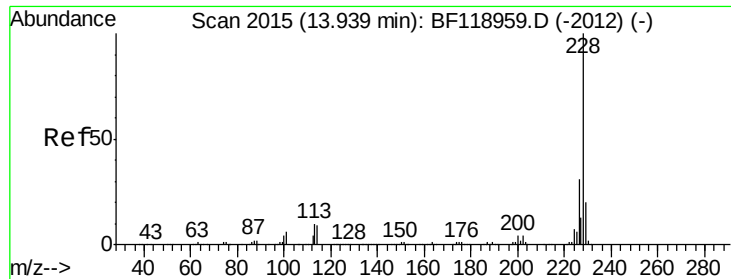


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





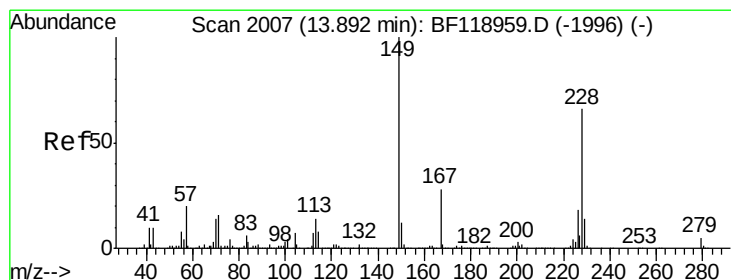
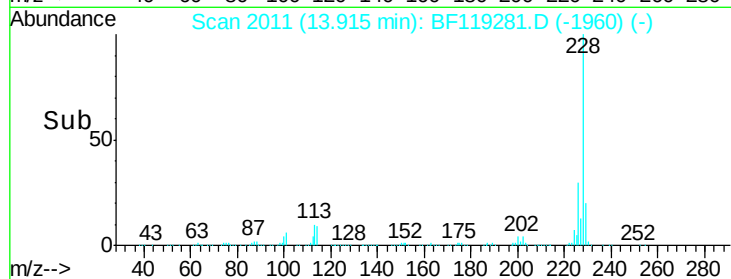
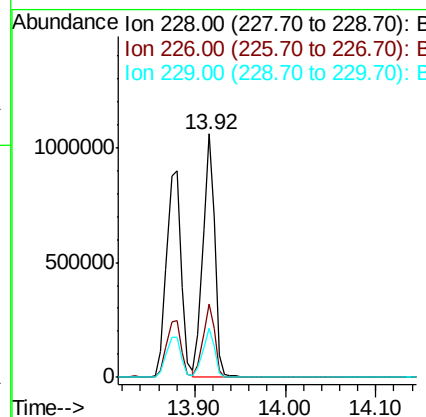
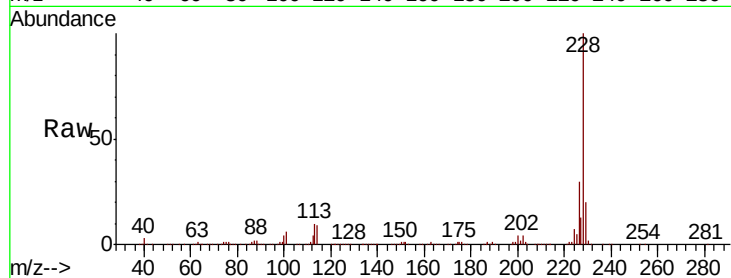
#83
 Chrysene
 Concen: 43.425 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.1	37.7
229	20.0	16.3	24.5

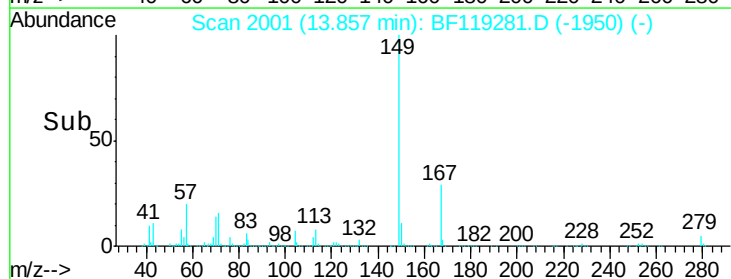
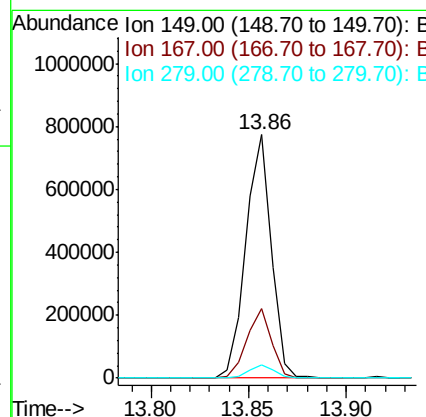
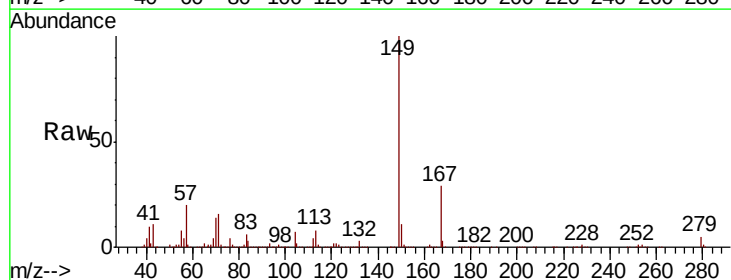
Manual Integrations
 APPROVED

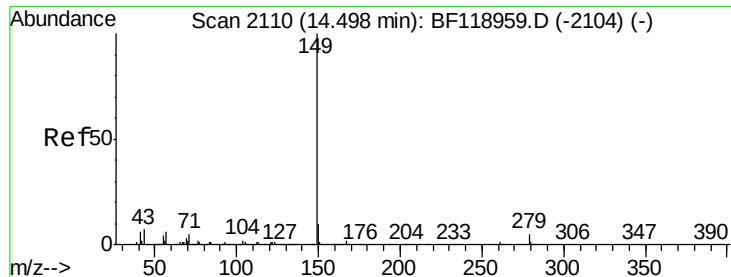
mohammad
 3/10/2020 2:44:04 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.416 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119281.D
 Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.8	34.2
279	5.3	4.6	6.8





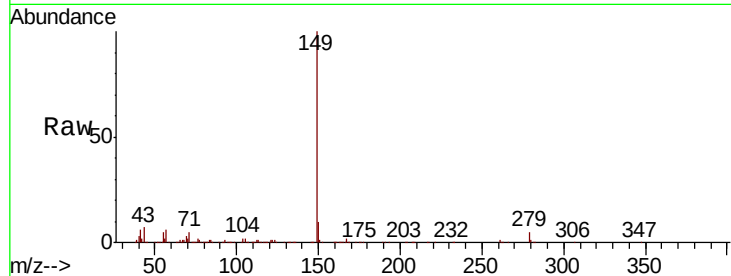
#85
Di-n-octyl phthalate
Concen: 46.897 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

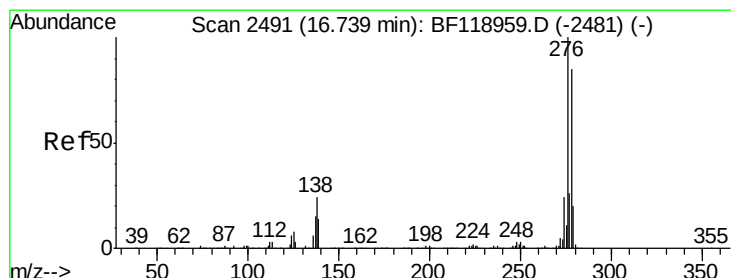
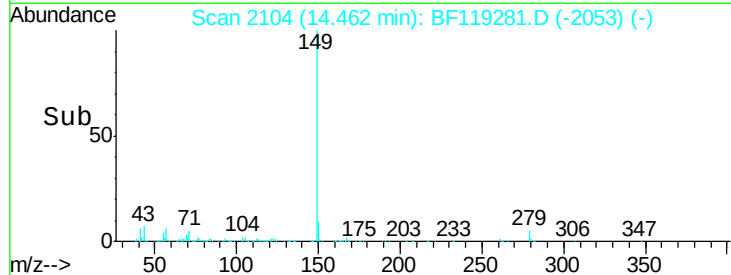
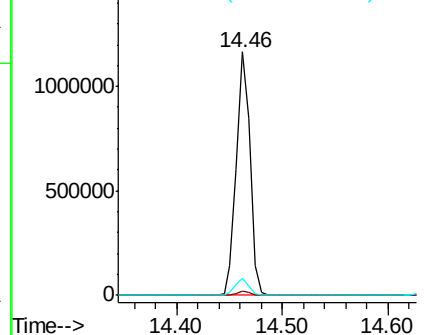
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.7	5.7	8.5

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM



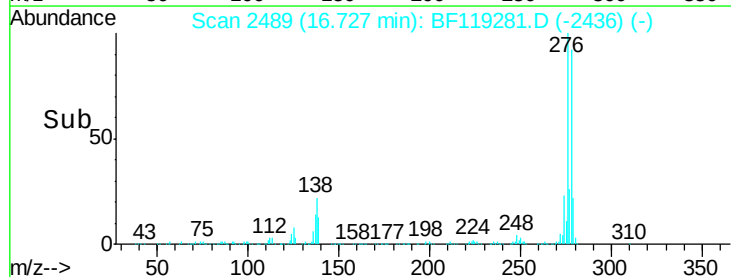
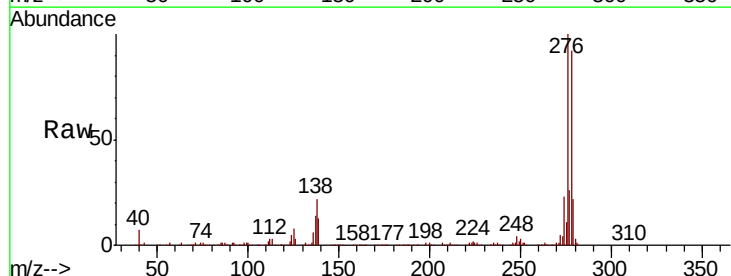
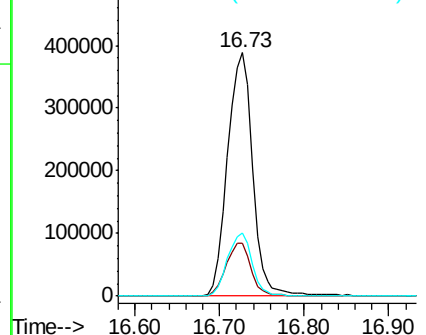
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

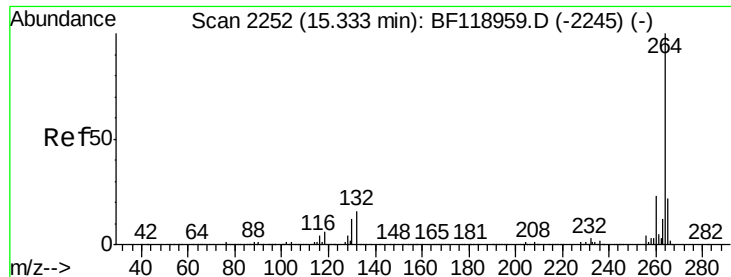


#86
Indeno(1,2,3-cd)pyrene
Concen: 37.397 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.4	26.0
277	25.8	20.3	30.5

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





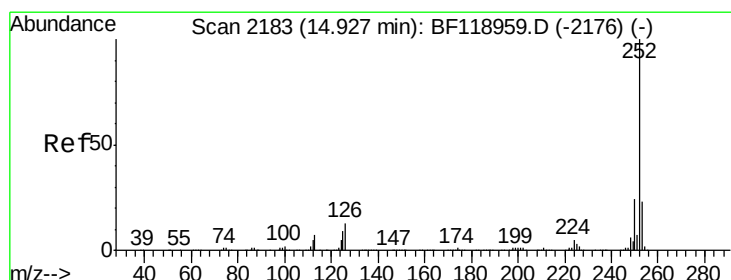
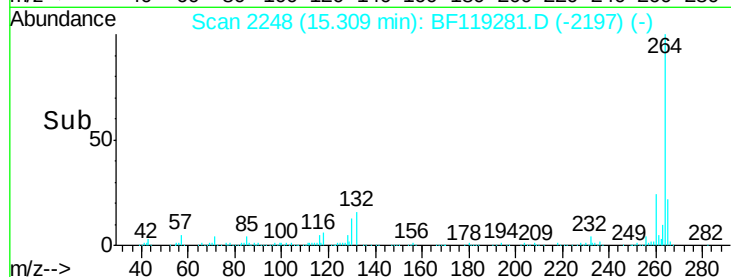
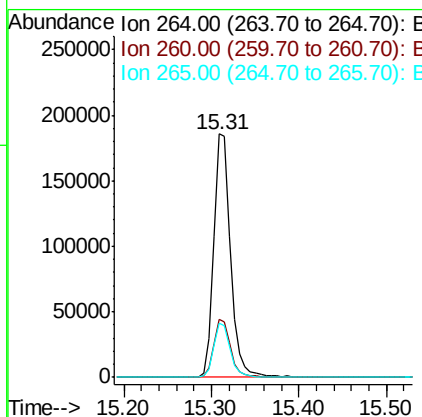
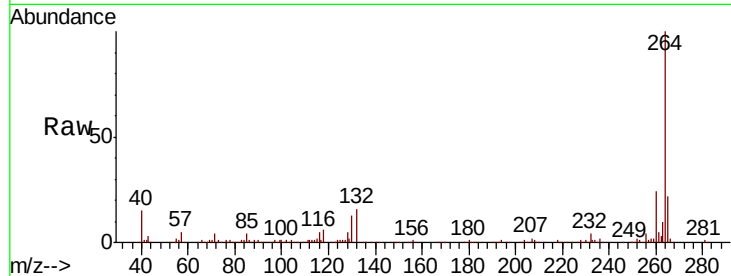
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.2	17.7	26.5

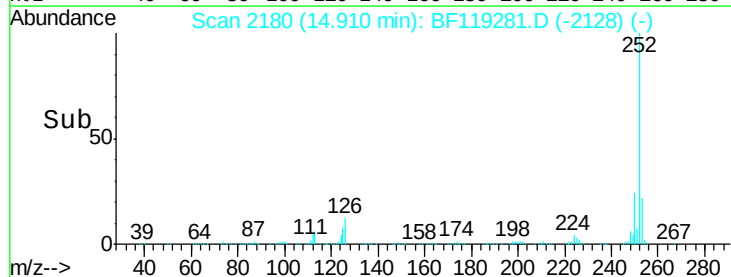
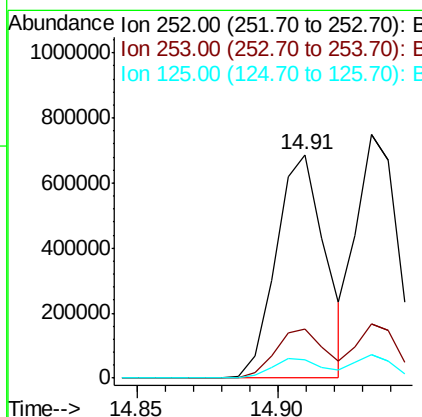
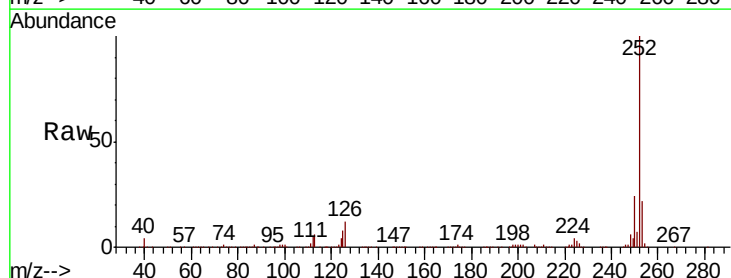
Manual Integrations
APPROVED

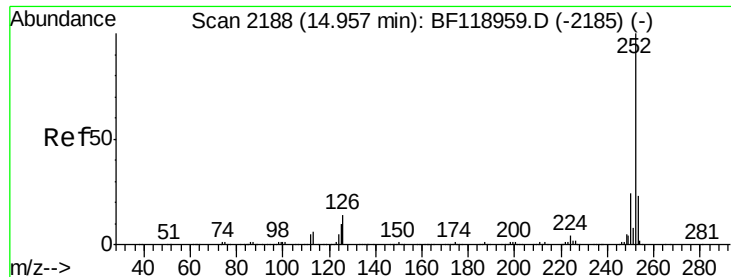
mohammad
3/10/2020 2:44:04 PM



#88
Benzo(b)fluoranthene
Concen: 50.363 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	8.4	7.4	11.0





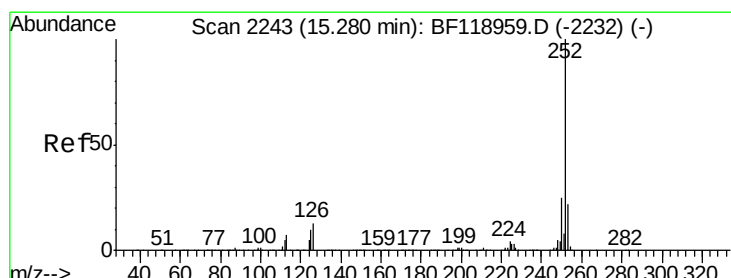
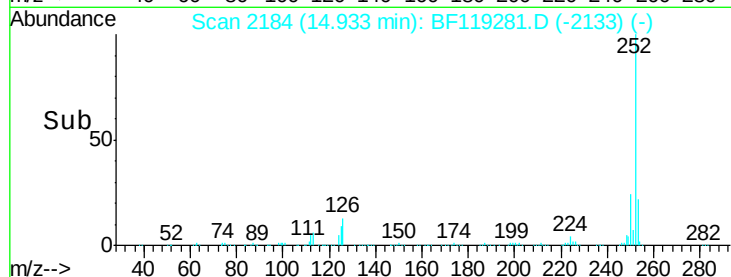
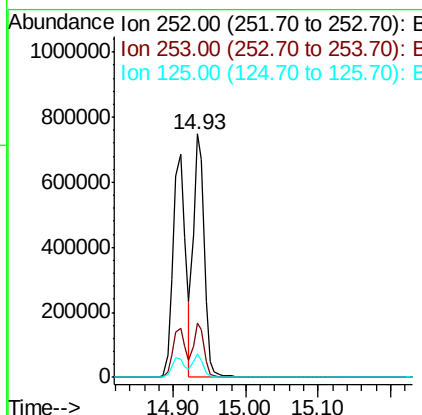
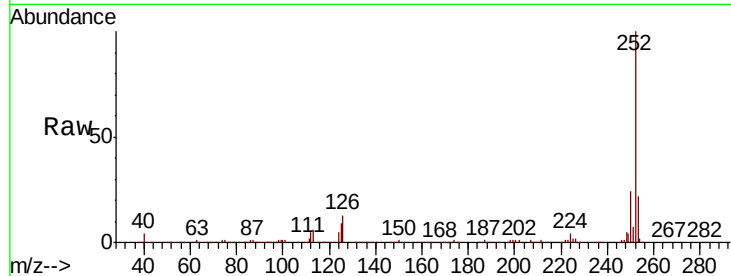
#89
Benzo(k)fluoranthene
Concen: 51.022 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.4	7.5	11.3

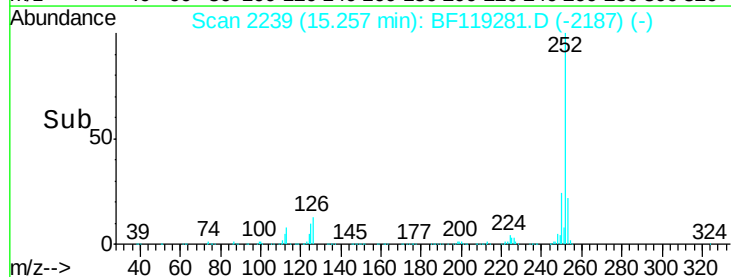
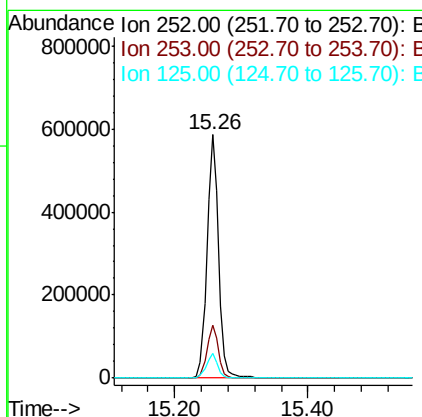
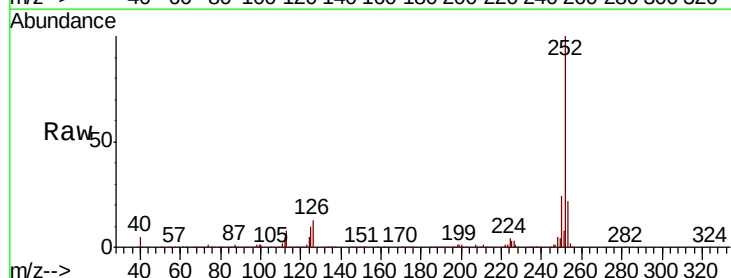
Manual Integrations
APPROVED

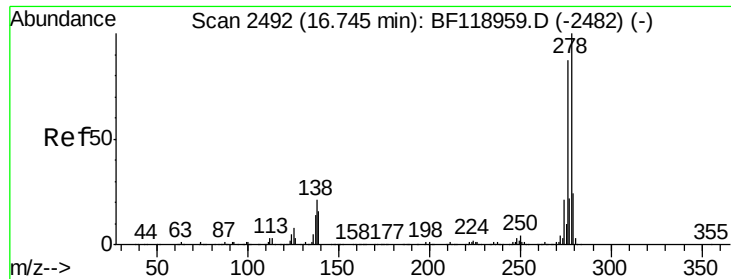
mohammad
3/10/2020 2:44:04 PM



#90
Benzo(a)pyrene
Concen: 47.182 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.2	8.6	12.8





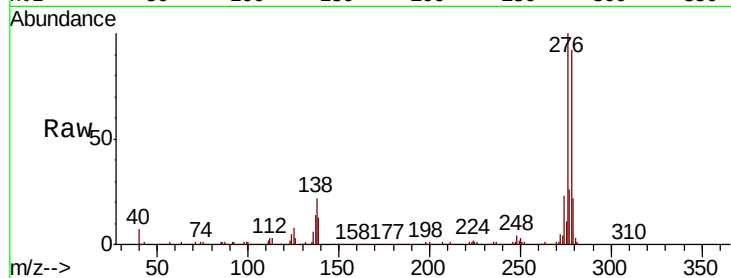
#91
Dibenzo(a,h)anthracene
Concen: 52.017 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
PB127309BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.0	16.4
279	23.7	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:04 PM

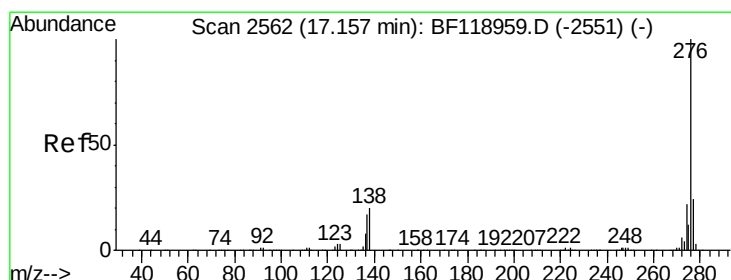
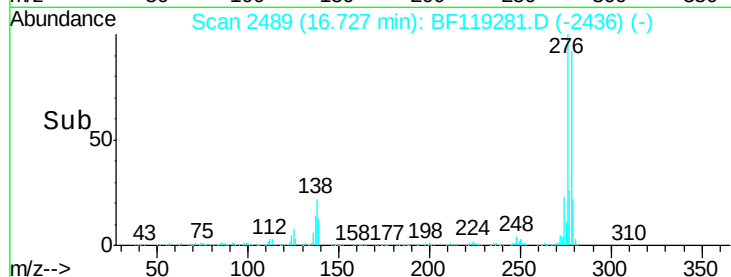
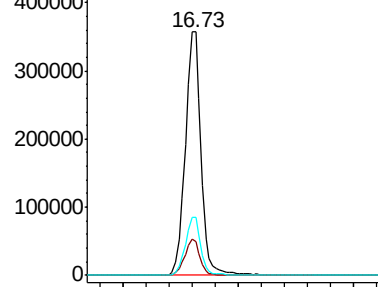


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.585 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF119281.D
Acq: 9 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	18.3	14.3	21.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

