

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119332.D
 Acq On : 11 Mar 2020 1:22
 Operator : CG/JU
 Sample : PB127427BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BS

Manual Integrations
 APPROVED

mohammad
 3/11/2020 4:58:39 PM

Quant Time: Mar 11 11:07:04 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	6.72	152	112061	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	407496	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	199345	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	304810	20.00	ng	0.00
76) Chrysene-d12	13.89	240	243971	20.00	ng	0.00
87) Perylene-d12	15.32	264	218040	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	349034	52.05	ng	0.01
7) Phenol-d6	6.39	99	250220	30.68	ng	0.00
23) Nitrobenzene-d5	7.30	82	675698	87.55	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	265318	101.74	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1238400	91.52	ng	0.00
79) Terphenyl-d14	12.83	244	1213378	85.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	44191	14.802	ng	# 96
3) Pyridine	3.20	79	76629m	9.398	ng	
4) n-Nitrosodimethylamine	3.10	42	34682	14.042	ng	94
6) Aniline	6.39	93	148765	14.784	ng	# 57
8) 2-Chlorophenol	6.52	128	275830	38.116	ng	99
9) Benzaldehyde	6.28	77	275290	50.525	ng	99
10) Phenol	6.40	94	108532	12.309	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	315354	46.744	ng	97
12) 1,3-Dichlorobenzene	6.66	146	342468	39.485	ng	96
13) 1,4-Dichlorobenzene	6.74	146	350628	40.398	ng	100
14) 1,2-Dichlorobenzene	6.90	146	325536	41.126	ng	97
15) Benzyl Alcohol	6.88	79	162861	27.632	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	259923	44.476	ng	67
17) 2-Methylphenol	7.01	107	173128	29.509	ng	# 91
18) Hexachloroethane	7.23	117	100145	32.251	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	246962	51.970	ng	97
20) 3+4-Methylphenols	7.16	107	201323	28.008	ng	# 81
22) Acetophenone	7.14	105	483087	51.237	ng	95
24) Nitrobenzene	7.32	77	360762	47.269	ng	98
25) Isophorone	7.55	82	648781	48.404	ng	98
26) 2-Nitrophenol	7.63	139	158017	39.076	ng	99
27) 2,4-Dimethylphenol	7.68	122	224128	40.838	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	396416	45.439	ng	97
29) 2,4-Dichlorophenol	7.89	162	267003	41.326	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	302001	39.424	ng	99
31) Naphthalene	8.03	128	912280	43.168	ng	99
32) Benzoic acid	7.81	122	10733m	8.987	ng	
33) 4-Chloroaniline	8.09	127	149711	16.471	ng	99
34) Hexachlorobutadiene	8.15	225	179379	37.593	ng	97
35) Caprolactam	8.46	113	9703	4.877	ng	97
36) 4-Chloro-3-methylphenol	8.58	107	249941	38.225	ng	97
37) 2-Methylnaphthalene	8.72	142	621419	43.694	ng	98
38) 1-Methylnaphthalene	8.82	142	576891	43.131	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	309830	46.098	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119332.D
 Acq On : 11 Mar 2020 1:22
 Operator : CG/JU
 Sample : PB127427BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BS

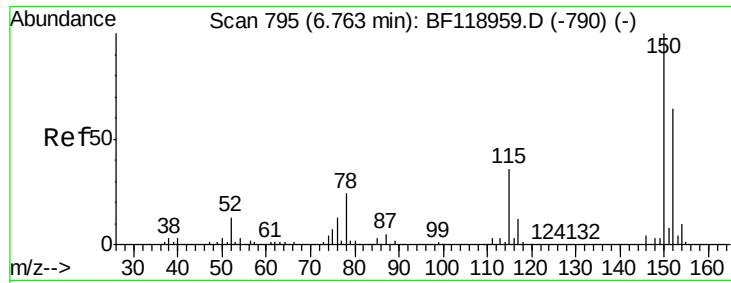
Manual Integrations
 APPROVED

mohammad
 3/11/2020 4:58:39 PM

Quant Time: Mar 11 11:07:04 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	3247	10.566	nq	95
43) 2,4,6-Trichlorophenol	9.01	196	186108	43.849	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	180349	40.493	nq	97
46) 1,1'-Biphenyl	9.19	154	756637	46.964	nq	98
47) 2-Chloronaphthalene	9.21	162	582609	44.874	nq	99
48) 2-Nitroaniline	9.32	65	170521	47.089	nq	96
49) Acenaphthylene	9.62	152	846134	45.123	nq	99
50) Dimethylphthalate	9.49	163	788298	51.714	nq	99
51) 2,6-Dinitrotoluene	9.56	165	146254	43.185	nq #	83
52) Acenaphthene	9.79	154	505784	44.732	nq	99
53) 3-Nitroaniline	9.73	138	98685	26.284	nq	93
54) 2,4-Dinitrophenol	9.88	184	12575	14.401	nq	92
55) Dibenzofuran	9.97	168	748845	44.372	nq	98
57) 2,4-Dinitrotoluene	9.97	165	166889	38.018	nq #	87
58) Fluorene	10.31	166	588362	44.865	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	144815	38.534	nq	96
60) Diethylphthalate	10.18	149	711456	49.526	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	324387	46.732	nq	97
62) 4-Nitroaniline	10.35	138	121361	31.594	nq	95
63) Azobenzene	10.46	77	573667	45.943	nq	94
65) 4,6-Dinitro-2-methylphenol	10.39	198	14957	8.109	nq	94
66) n-Nitrosodiphenylamine	10.42	169	520006	52.102	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	195725	49.125	nq	97
68) Hexachlorobenzene	10.86	284	211967	46.144	nq	96
69) Atrazine	10.95	200	170817	48.985	nq	97
70) Pentachlorophenol	11.07	266	116553	62.987	nq	97
71) Phenanthrene	11.27	178	783664	47.144	nq	97
72) Anthracene	11.32	178	820471	49.399	nq	98
73) Carbazole	11.48	167	694283	46.922	nq	98
74) Di-n-butylphthalate	11.80	149	972941	54.297	nq	98
75) Fluoranthene	12.46	202	832367	47.174	nq	98
77) Benzidine	12.58	184	261352	26.340	nq	99
78) Pyrene	12.69	202	843533	43.058	nq	99
80) Butylbenzylphthalate	13.30	149	380071	46.096	nq	99
81) Benzo(a)anthracene	13.88	228	821711	49.431	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	300923	46.619	nq #	99
83) Chrysene	13.92	228	769476	46.455	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	552711	53.061	nq	99
85) Di-n-octyl phthalate	14.46	149	944043	56.881	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	603806	37.648	nq	100
88) Benzo(b)fluoranthene	14.91	252	742076	51.633	nq	100
89) Benzo(k)fluoranthene	14.94	252	637288	47.849	nq	99
90) Benzo(a)pyrene	15.26	252	581432	44.825	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	518796	45.456	nq	98
92) Benzo(g,h,i)perylene	17.16	276	496747	44.051	nq	98

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



#1

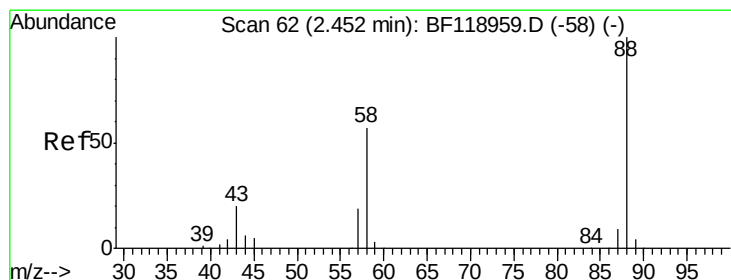
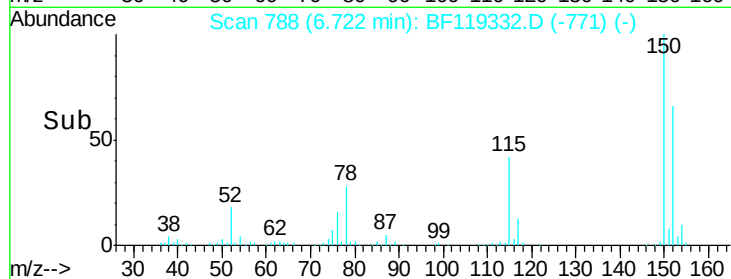
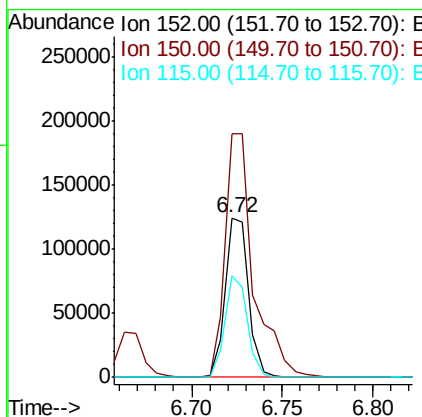
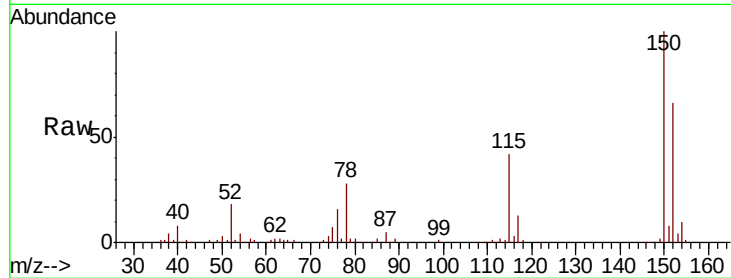
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.0	184.6
115	63.8	49.5	74.3

Manual Integrations
APPROVED

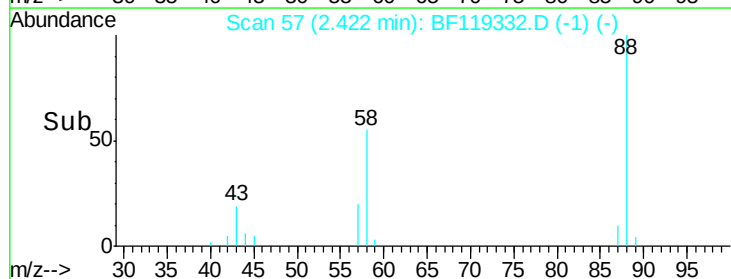
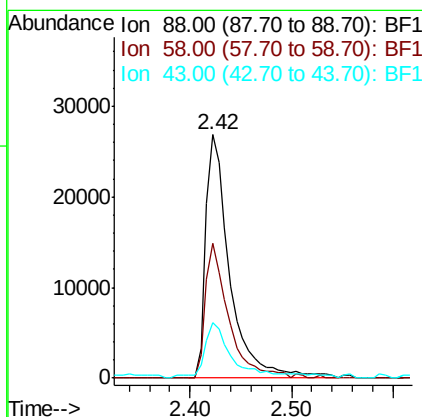
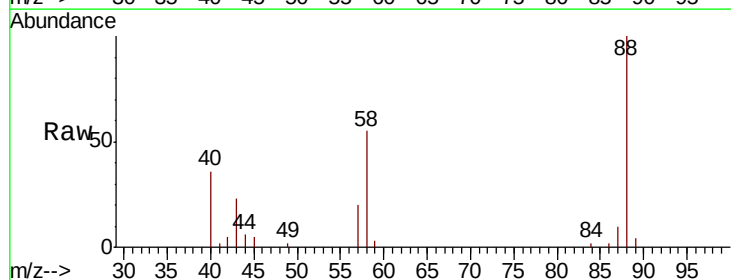
mohammad
3/11/2020 4:58:39 PM

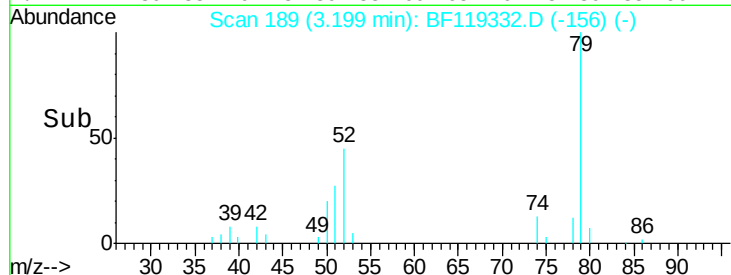
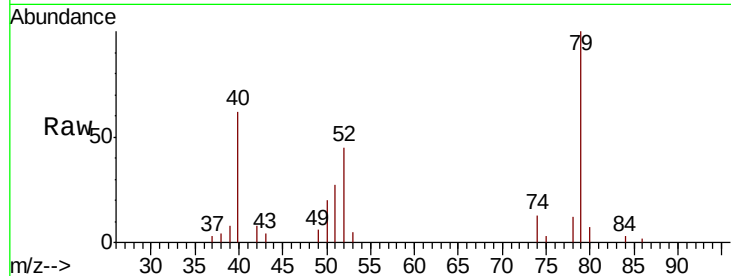
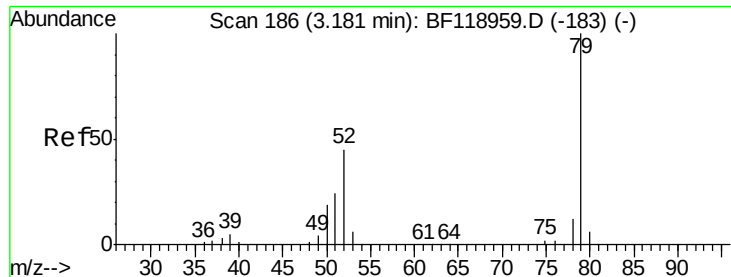


#2

1,4-Dioxane
Concen: 14.802 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.04 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.2	43.8	65.6
43	25.3	16.2	24.4





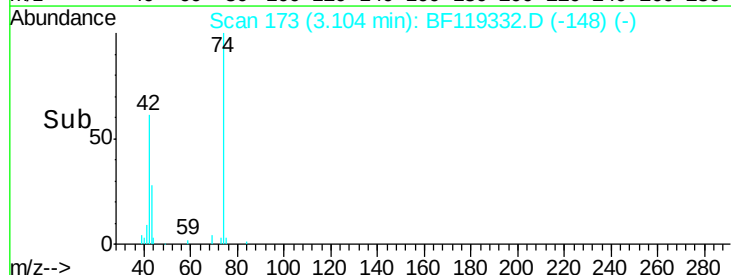
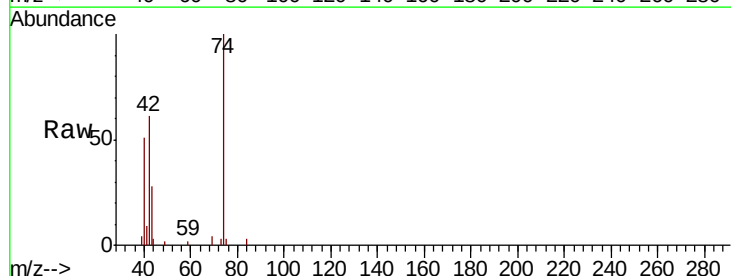
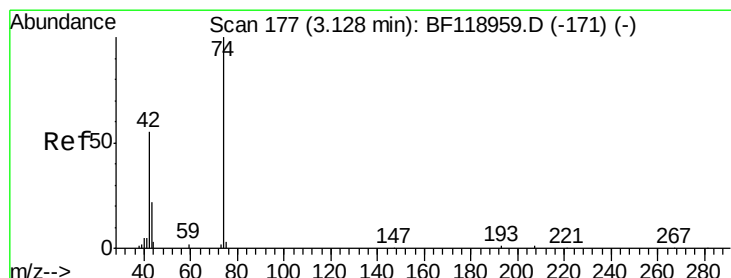
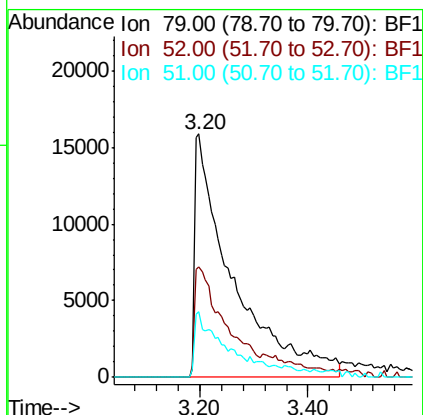
#3
Pvridine
Concen: 9.398 ng/ml
RT: 3.20 min Scan# 189
Delta R.T. 0.09 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tot Ion:	79	Resp:	76629
Ion	Ratio	Lower	Upper
79	100		
52	45.4	37.4	56.0
51	27.2	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
PB127427BS

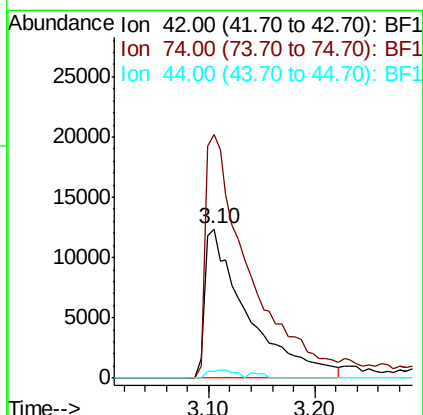
Manual Integrations
APPROVED

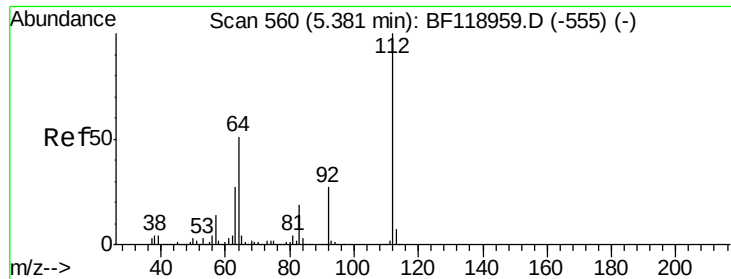
mohammad
3/11/2020 4:58:39 PM



#4
n-Nitrosodimethylamine
Concen: 14.042 ng
RT: 3.10 min Scan# 173
Delta R.T. 0.05 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:	42	Resp:	34682
Ion	Ratio	Lower	Upper
42	100		
74	163.1	137.7	206.5
44	5.0	4.5	6.7





#5

2-Fluorophenol

Concen: 52.052 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

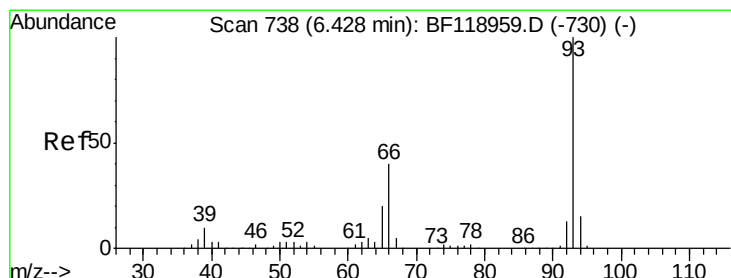
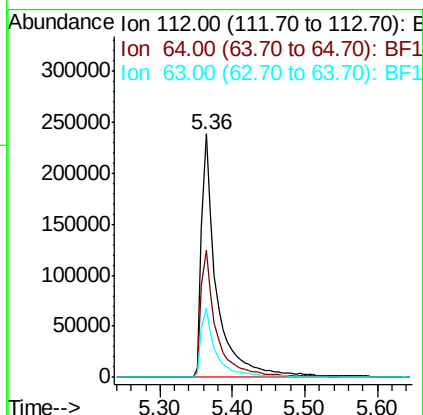
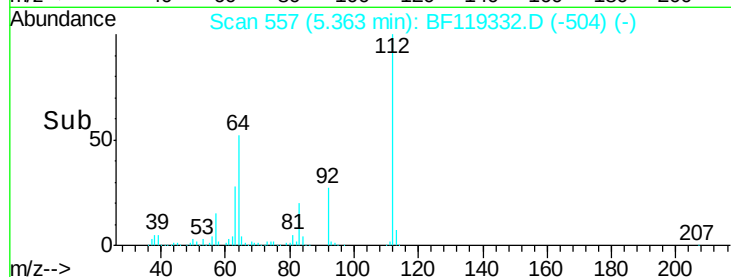
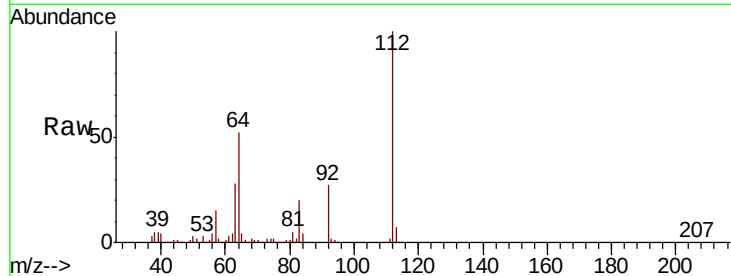
ClientSampleId :

PB127427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		349034		
64	52.1	45.0	67.4		
63	28.3	24.2	36.4		

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#6

Aniline

Concen: 14.784 ng

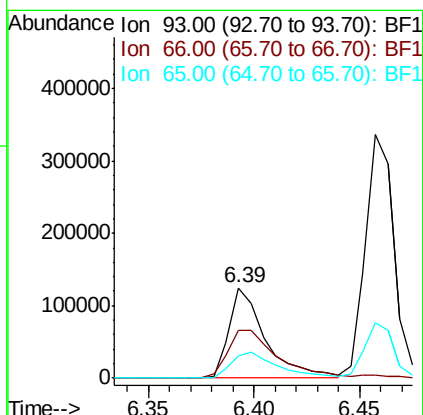
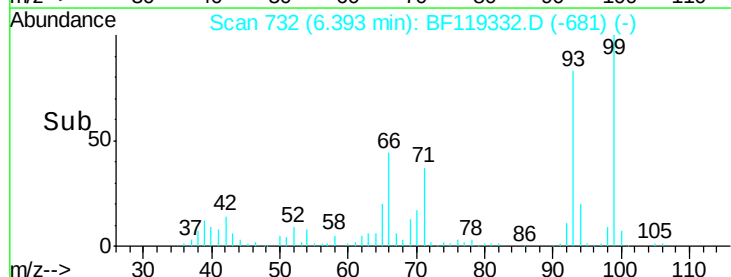
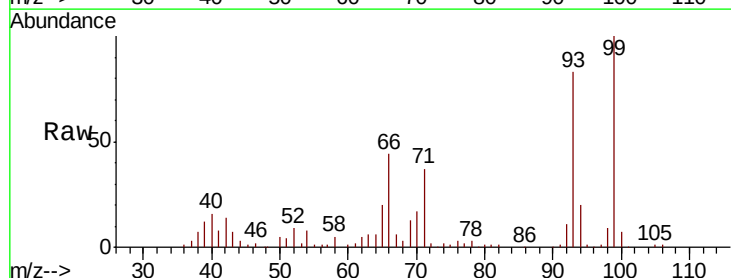
RT: 6.39 min Scan# 732

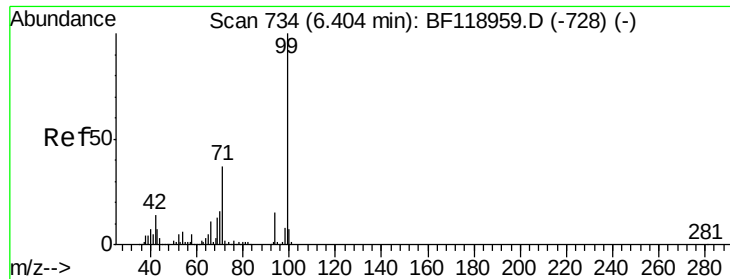
Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		148765		
66	52.6	74.5	111.7#		
65	24.6	45.3	67.9#		





#7

Phenol-d6

Concen: 30.682 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

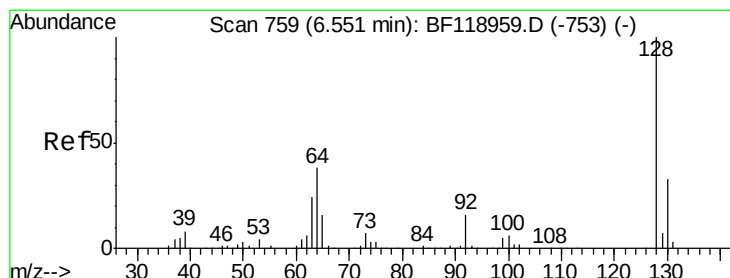
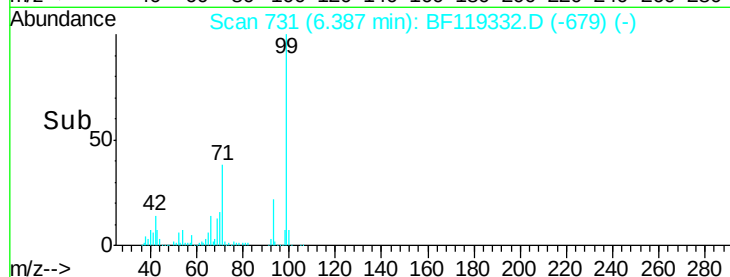
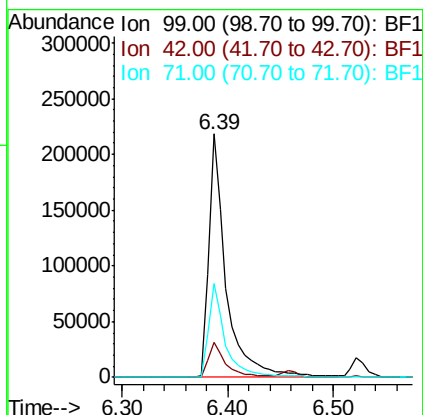
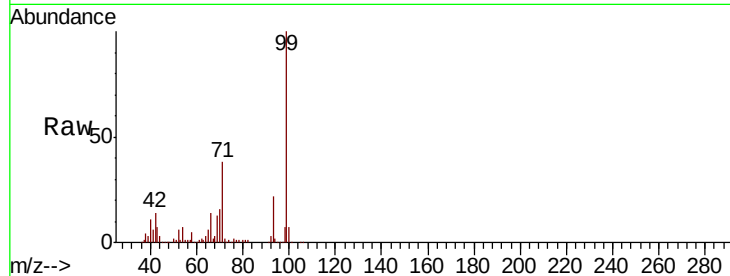
ClientSampleId :

PB127427BS

Tot Ion:	99	Resp:	250220
Ion Ratio	Lower	Upper	
99	100		
42	14.3	12.6	18.8
71	38.4	31.0	46.4

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#8

2-Chlorophenol

Concen: 38.116 ng

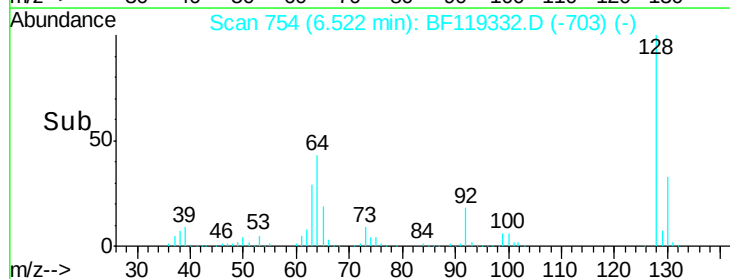
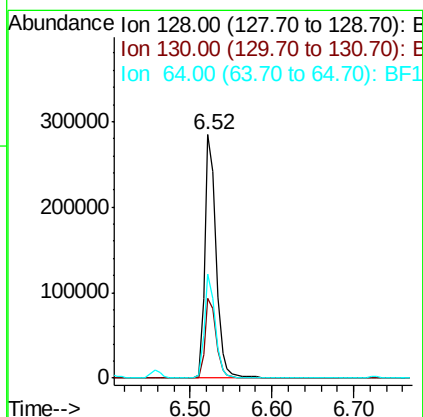
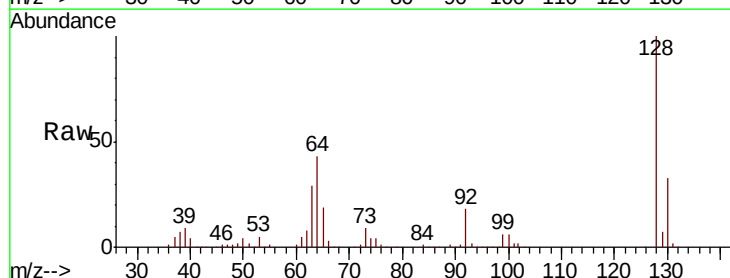
RT: 6.52 min Scan# 754

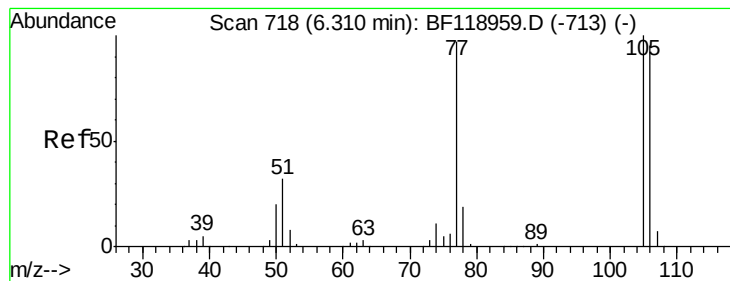
Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	128	Resp:	275830
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.7	52.7
64	43.0	22.3	62.3





#9

Benzaldehyde

Concen: 50.525 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

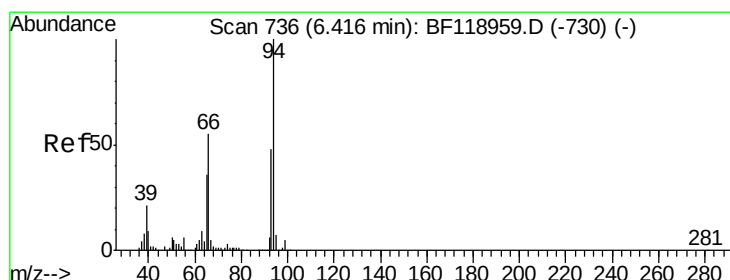
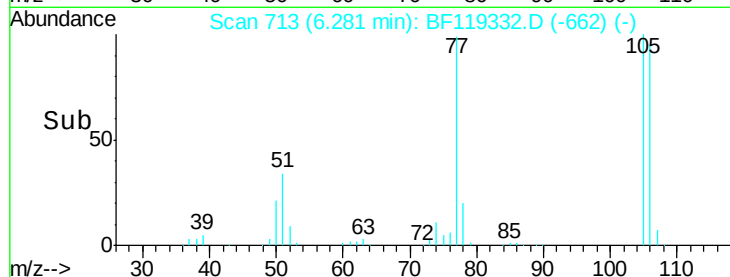
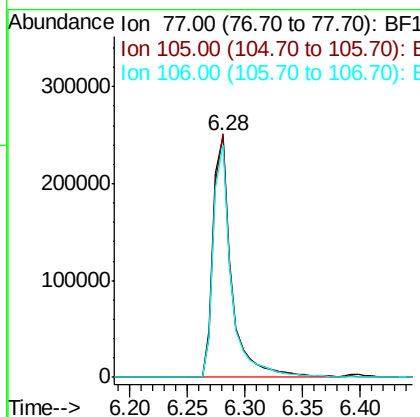
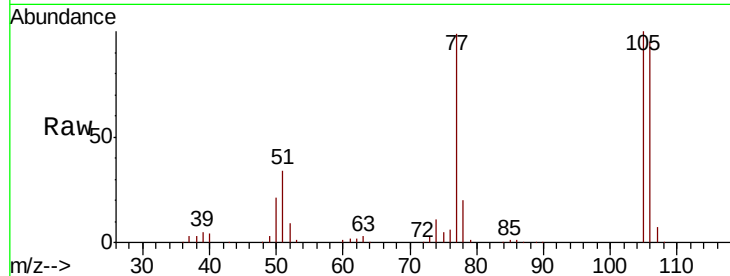
ClientSampleId :

PB127427BS

Tot Ion:	77	Resp:	275290
Ion Ratio	Lower	Upper	
77	100		
105	101.0	80.1	120.1
106	96.2	75.9	115.9

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#10

Phenol

Concen: 12.309 ng

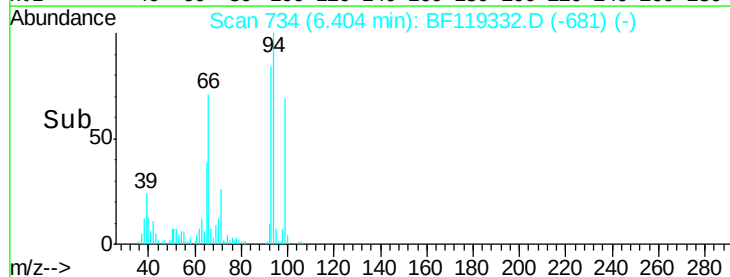
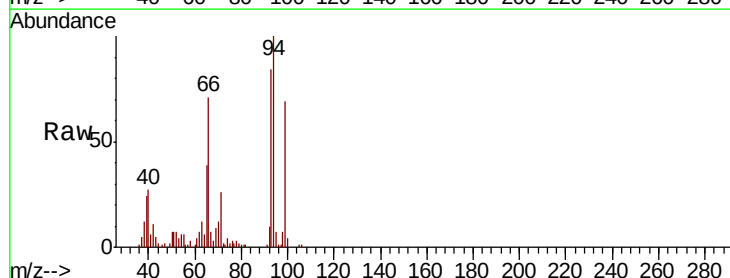
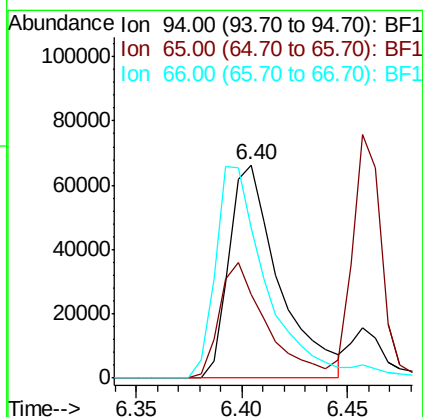
RT: 6.40 min Scan# 734

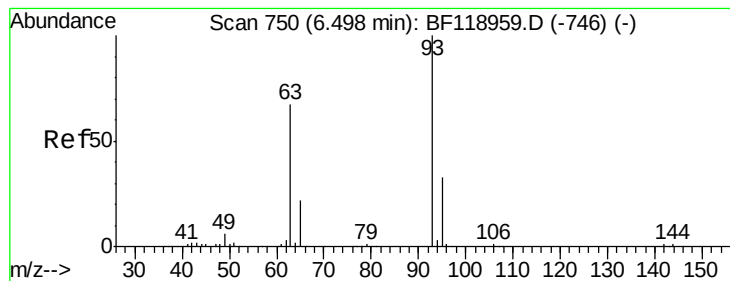
Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	94	Resp:	108532
Ion Ratio	Lower	Upper	
94	100		
65	39.0	19.2	59.2
66	70.5	44.4	84.4





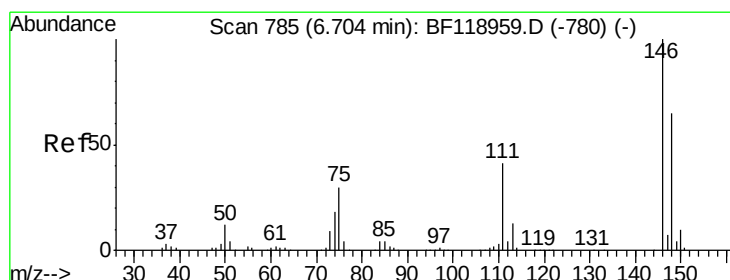
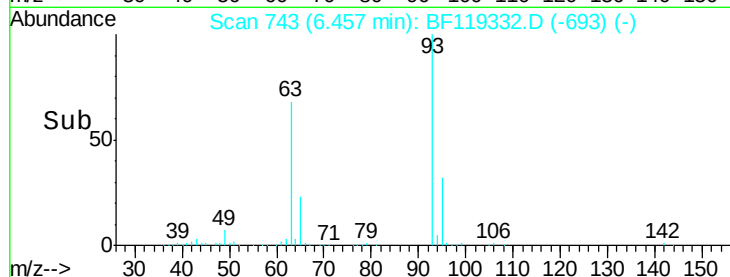
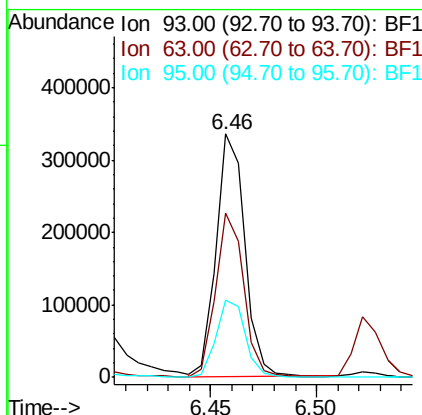
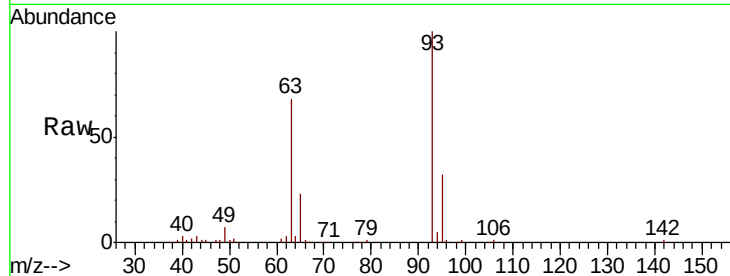
#11
bis(2-Chloroethyl)ether
Concen: 46.744 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	315354		
63	67.7	45.4	85.4	
95	31.9	13.5	53.5	

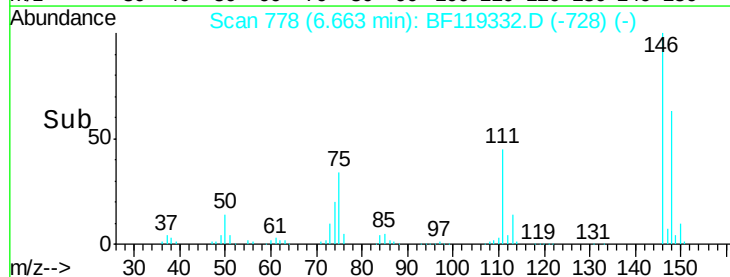
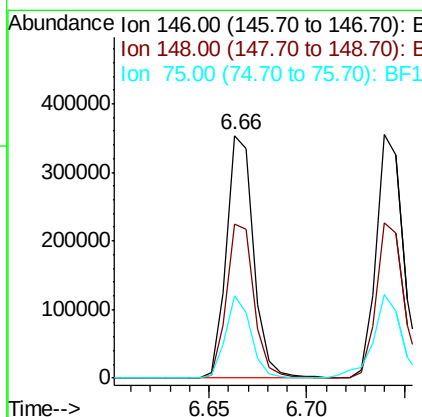
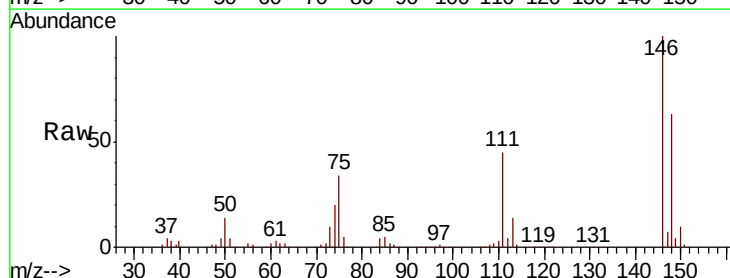
Manual Integrations
APPROVED

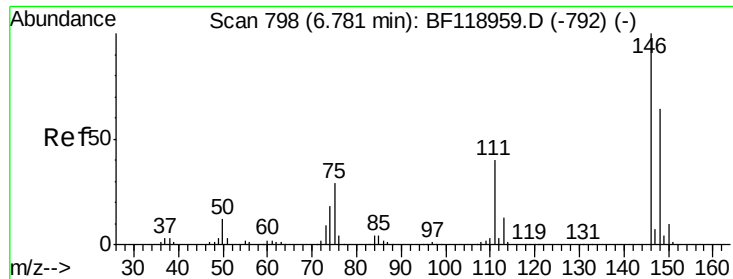
mohammad
3/11/2020 4:58:39 PM



#12
1,3-Dichlorobenzene
Concen: 39.485 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	342468		
148	63.4	52.5	78.7	
75	33.7	23.6	35.4	





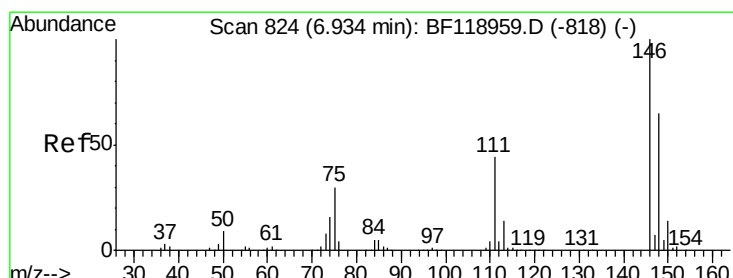
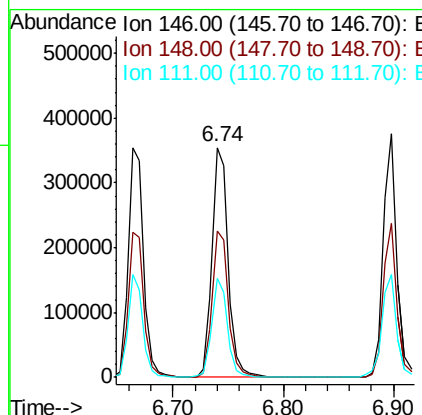
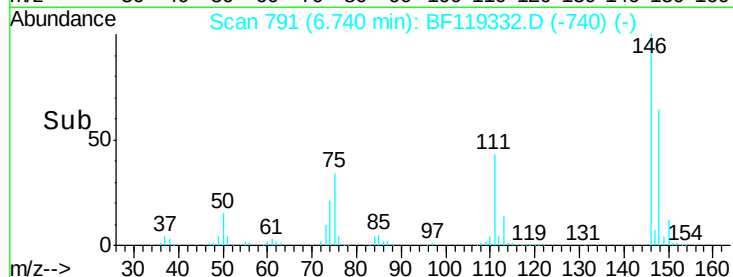
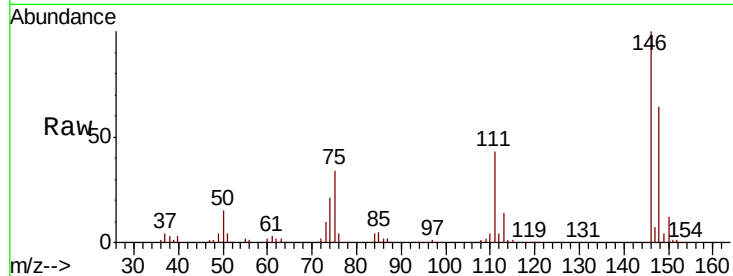
#13
 1,4-Dichlorobenzene
 Concen: 40.398 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	43.1	34.8	52.2

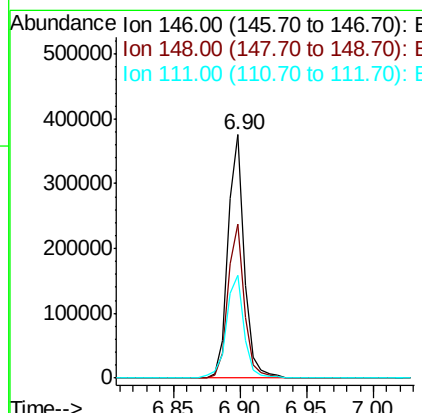
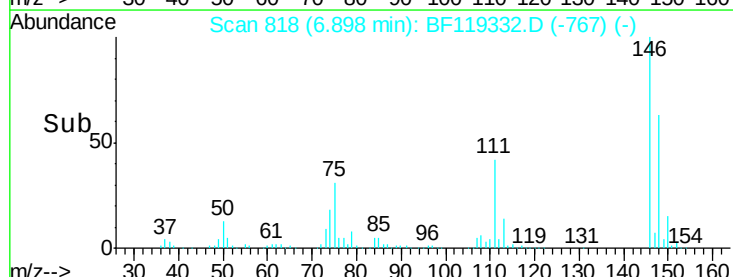
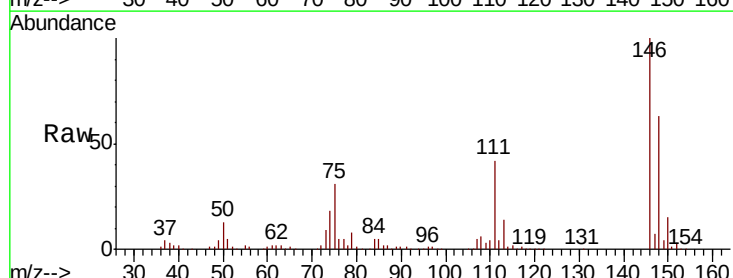
Manual Integrations
 APPROVED

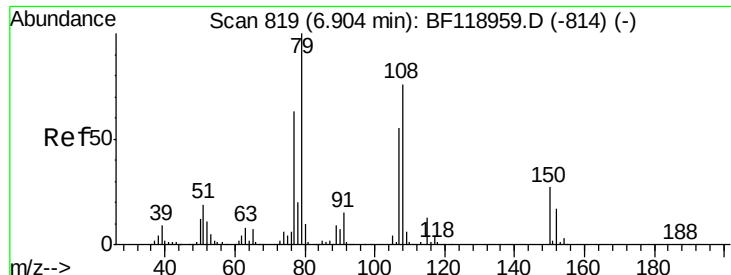
mohammad
 3/11/2020 4:58:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.126 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
111	42.4	36.2	54.2





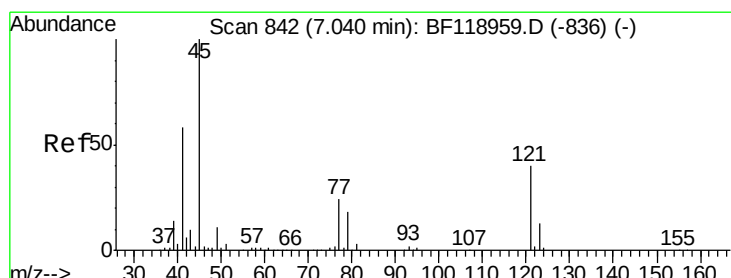
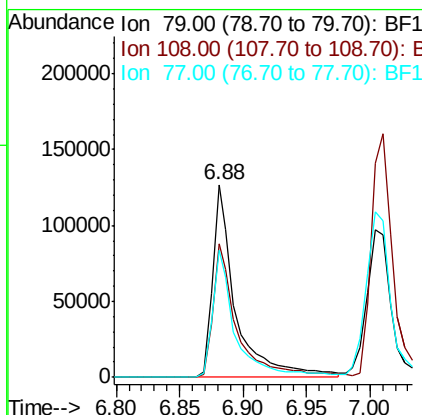
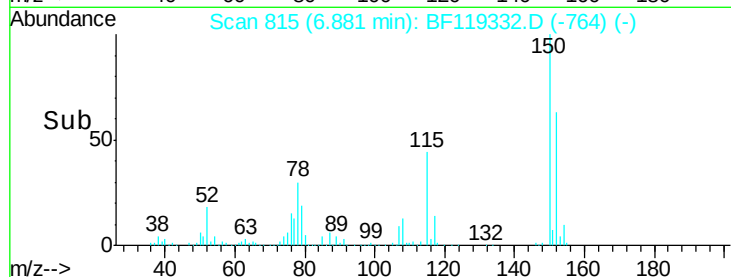
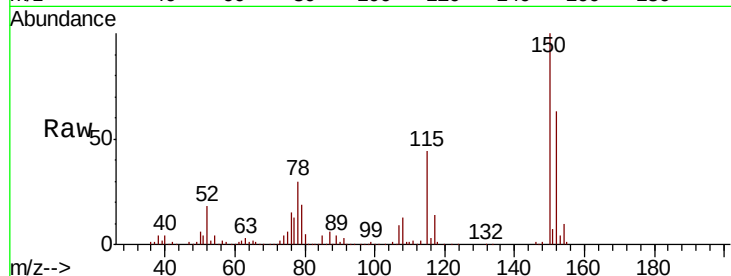
#15
Benzyl Alcohol
Concen: 27.632 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.9	58.2	87.2
77	65.8	51.2	76.8

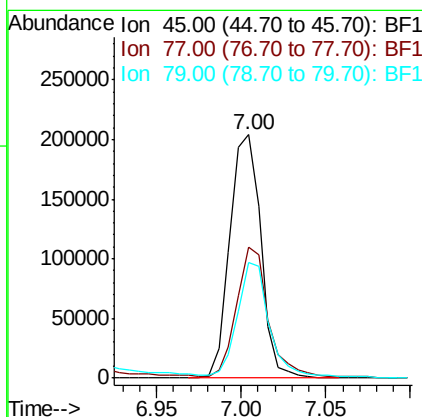
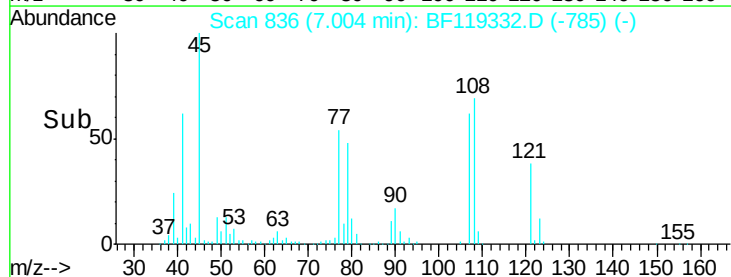
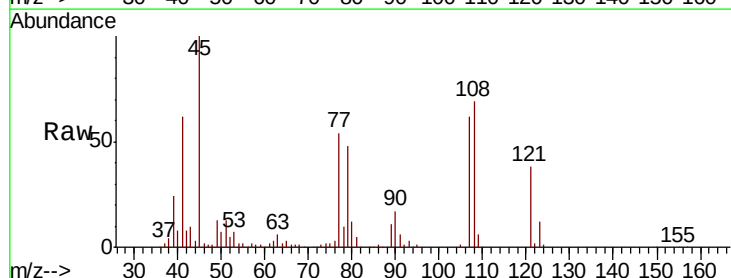
Manual Integrations
APPROVED

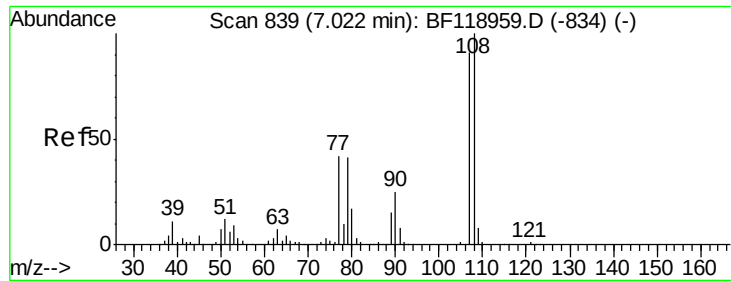
mohammad
3/11/2020 4:58:39 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.476 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	53.5	15.0	55.0
79	47.6	9.4	49.4





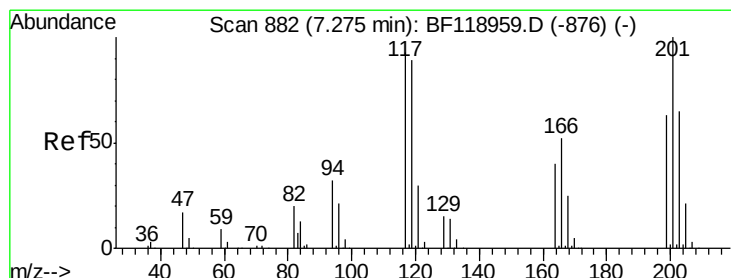
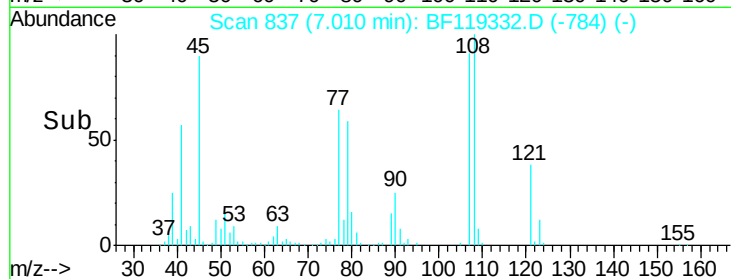
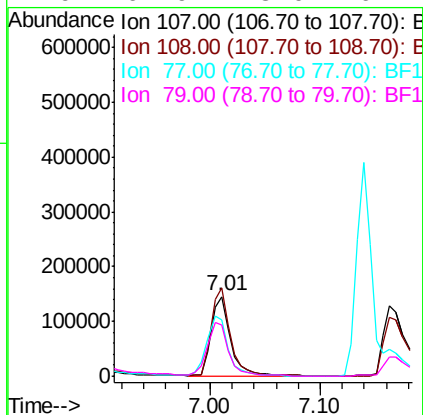
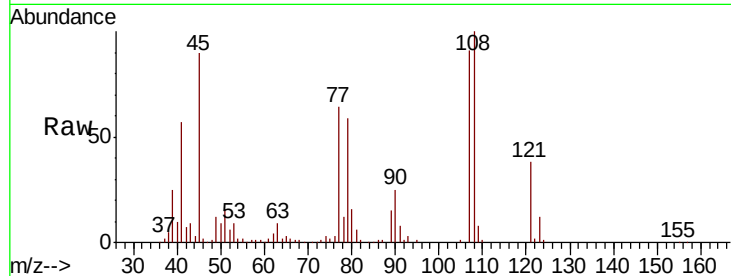
#17
2-Methylphenol
Concen: 29.509 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	87.9	131.9	
77	70.9	45.3	67.9	
79	64.9	43.0	64.4	

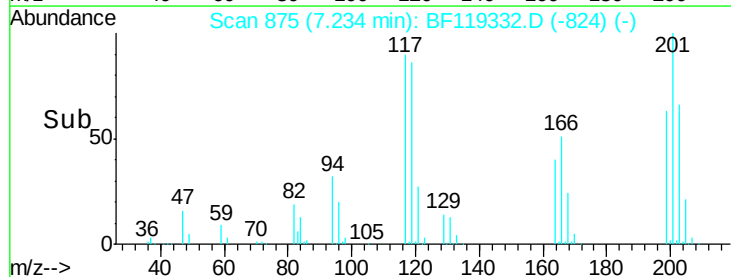
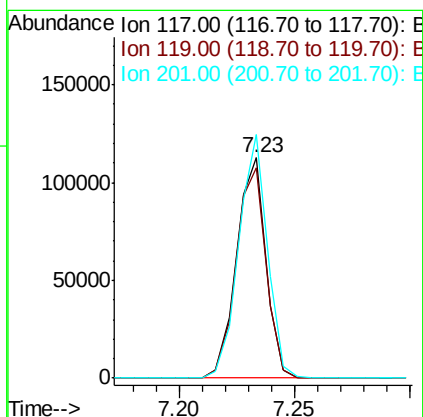
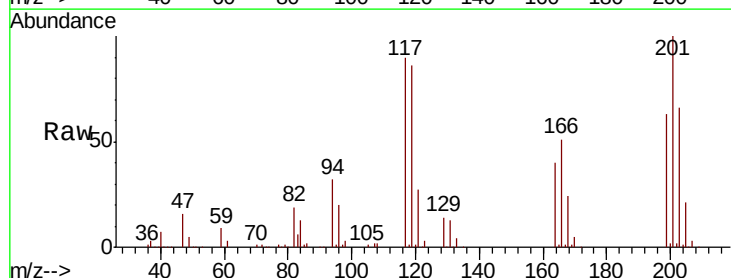
Manual Integrations
APPROVED

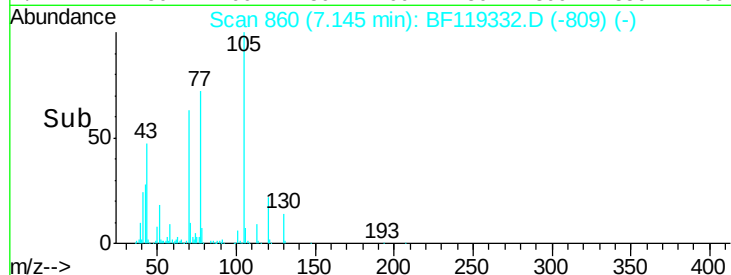
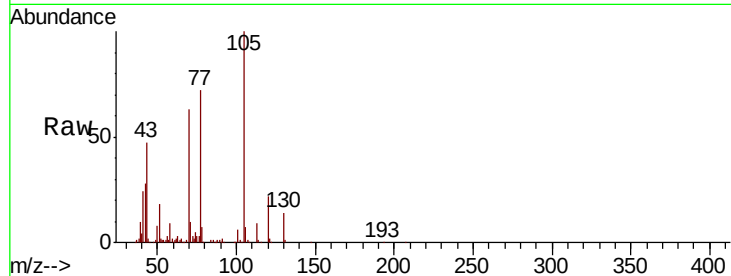
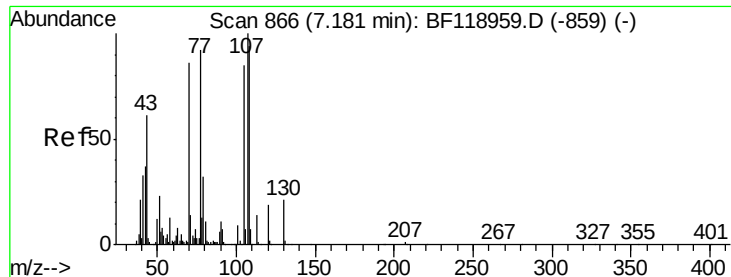
mohammad
3/11/2020 4:58:39 PM



#18
Hexachloroethane
Concen: 32.251 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.5	116.3	
201	110.5	82.6	123.8	





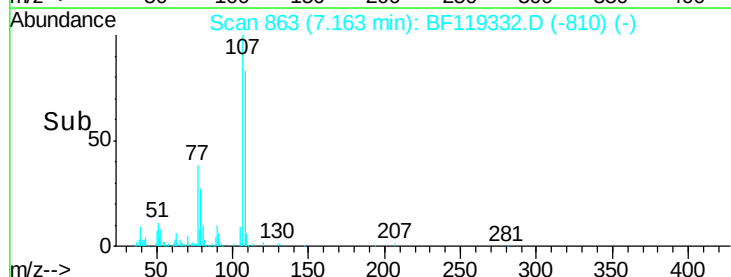
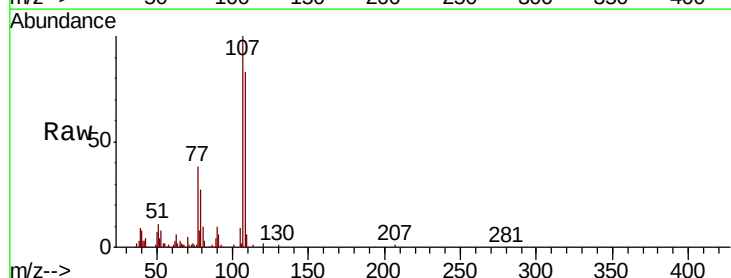
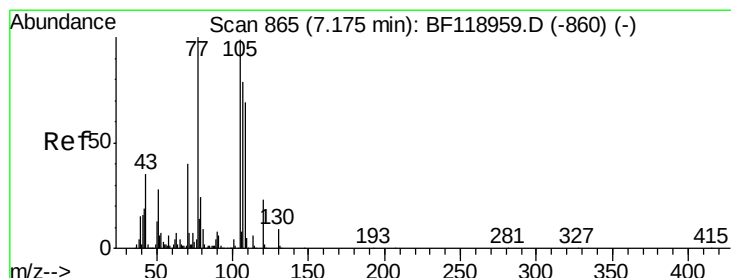
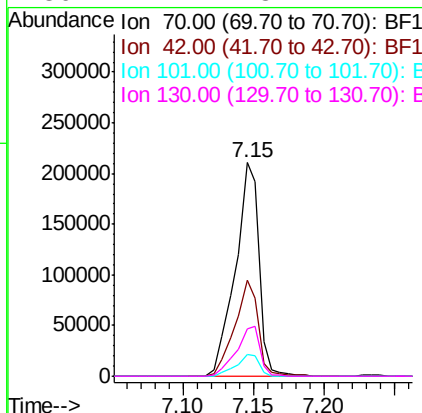
#19
n-Nitroso-di-n-propylamine
Concen: 51.970 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		246962		
42	44.9	38.0	57.0		
101	10.2	8.2	12.4		
130	22.4	18.2	27.4		

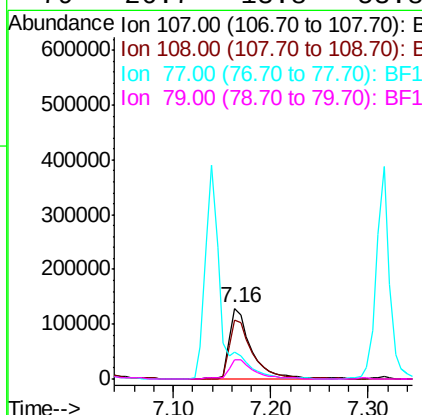
Manual Integrations
APPROVED

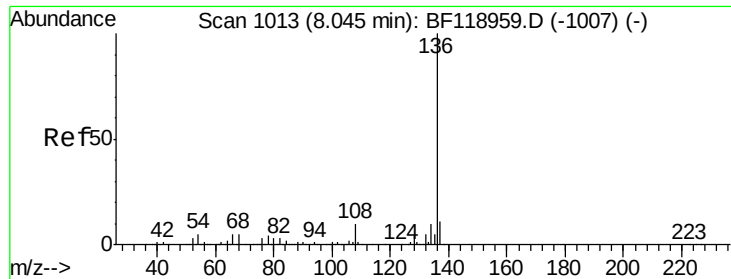
mohammad
3/11/2020 4:58:39 PM



#20
3+4-Methylphenols
Concen: 28.008 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		201323		
108	83.2	71.5	111.5		
77	37.9	45.9	85.9#		
79	26.7	13.8	53.8		





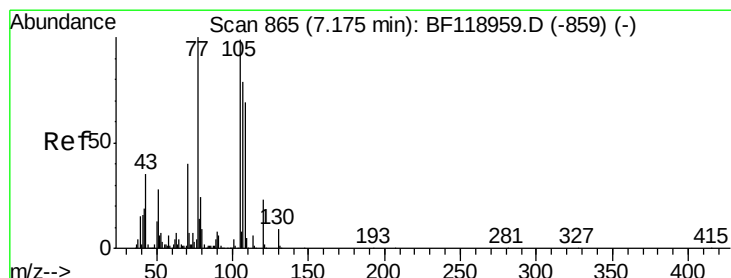
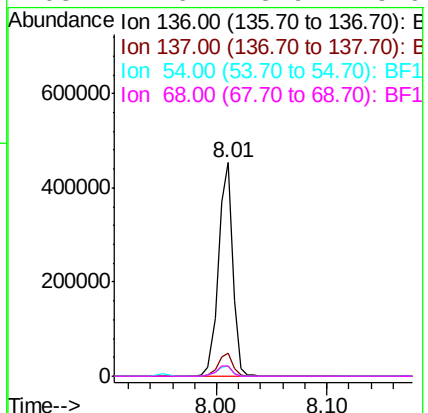
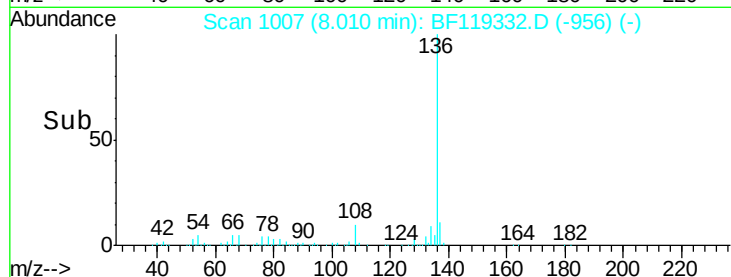
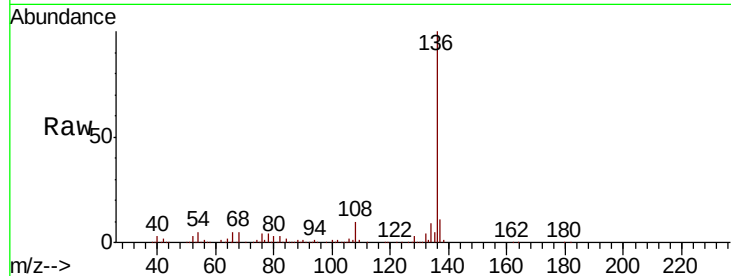
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		407496		
137	10.8		8.8	13.2	
54	4.6		3.8	5.6	
68	4.6		3.9	5.9	

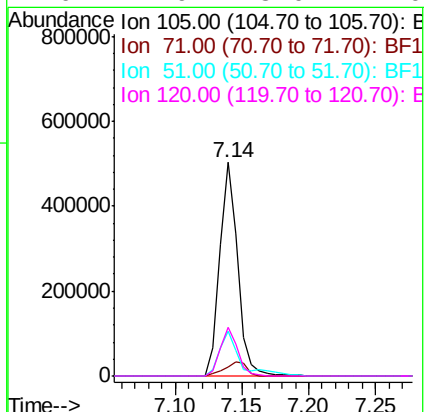
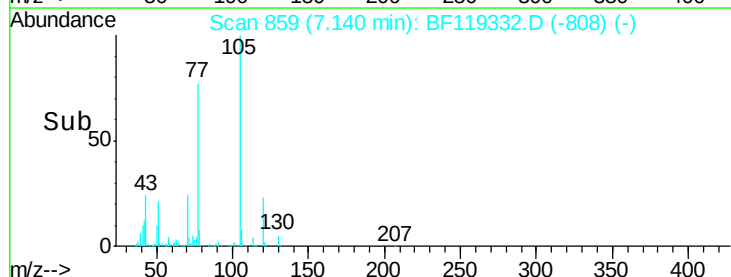
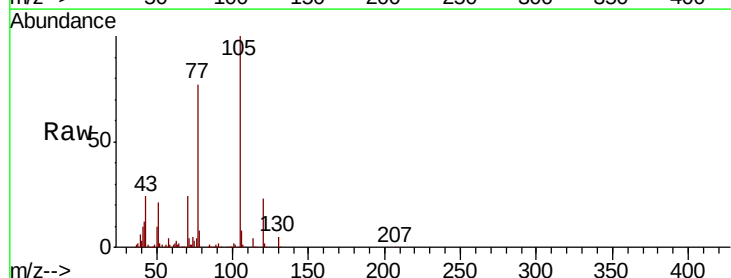
Manual Integrations
APPROVED

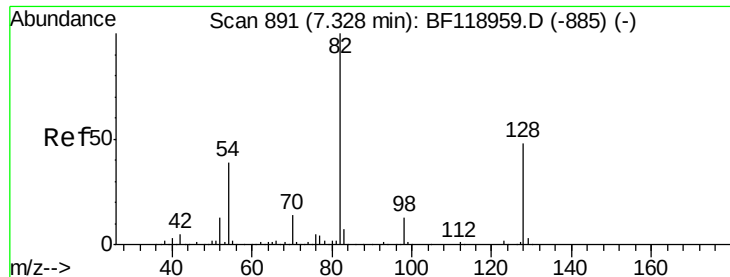
mohammad
3/11/2020 4:58:39 PM



#22
Acetophenone
Concen: 51.237 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		483087		
71	4.2		3.0	4.4	
51	20.9		20.1	30.1	
120	22.9		18.0	27.0	





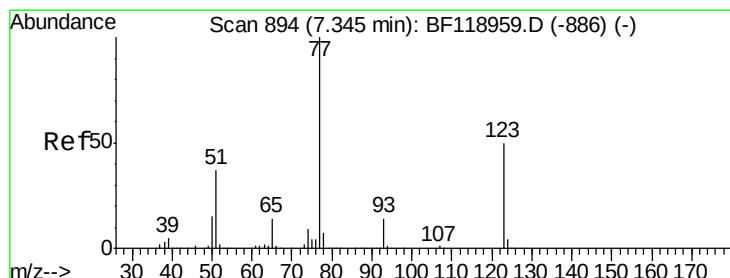
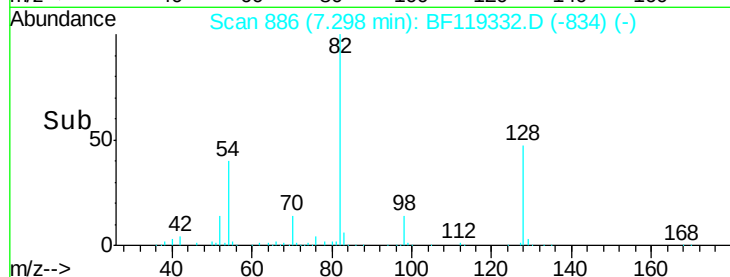
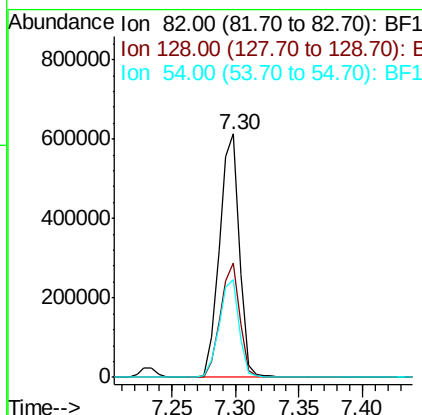
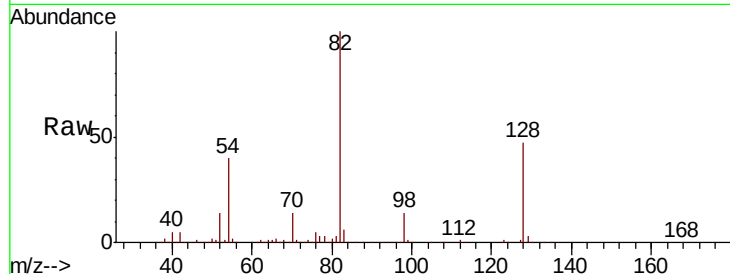
#23
Nitrobenzene-d5
Concen: 87.551 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.9	56.9
54	40.0	33.4	50.2

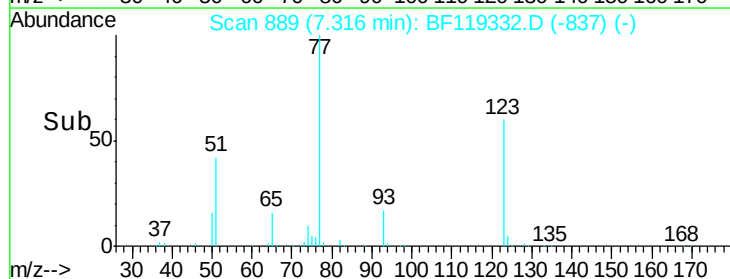
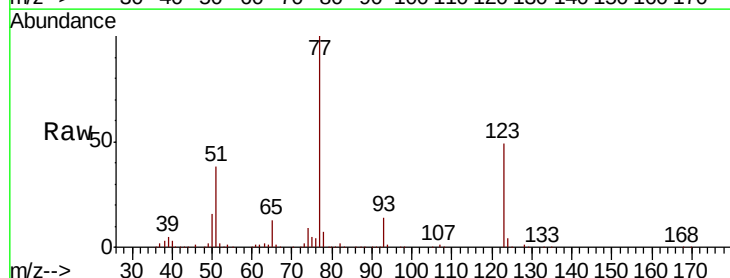
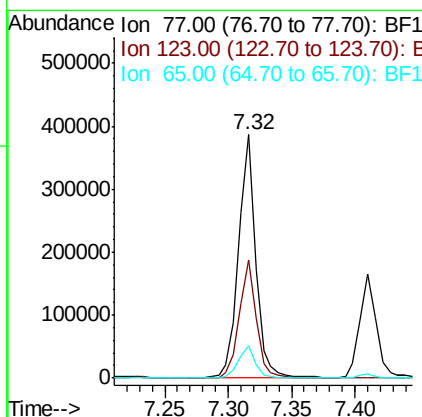
Manual Integrations
APPROVED

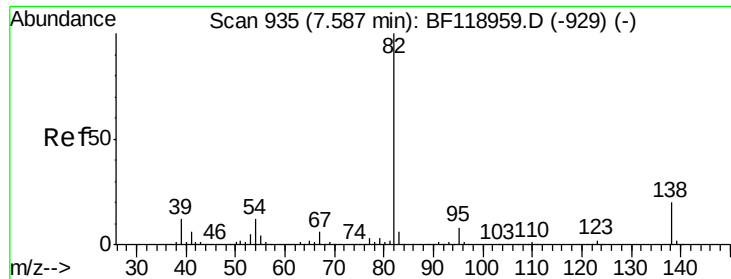
mohammad
3/11/2020 4:58:39 PM



#24
Nitrobenzene
Concen: 47.269 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	40.2	60.2
65	13.5	10.8	16.2





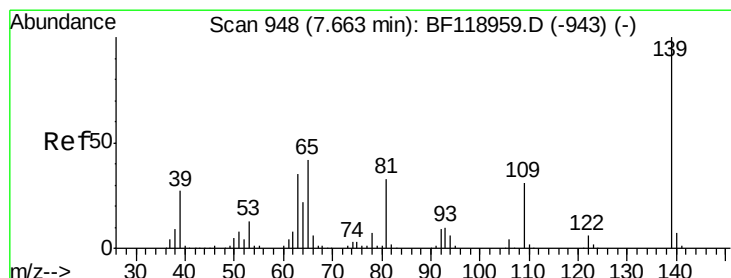
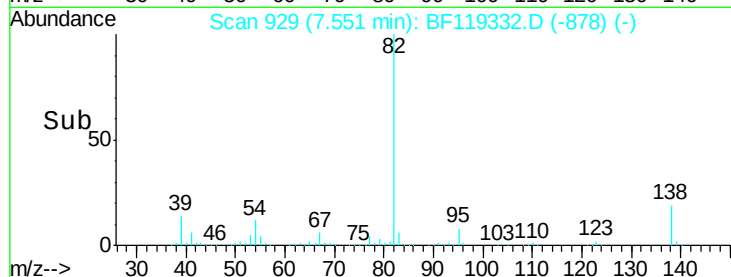
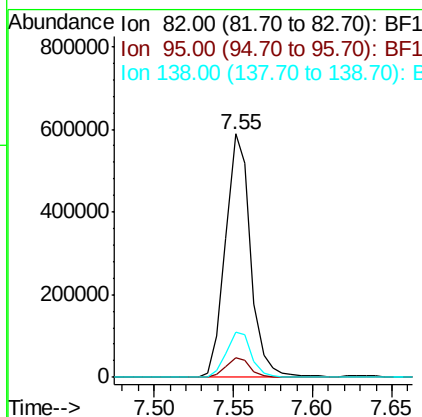
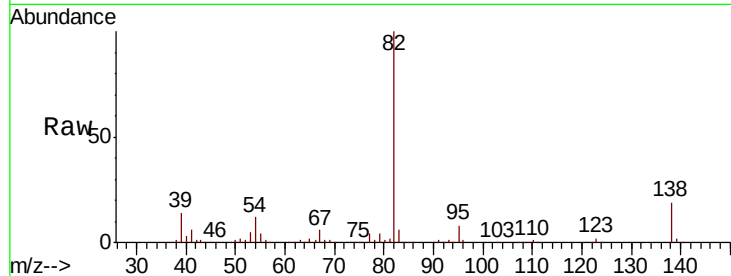
#25
Isophorone
Concen: 48.404 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	648781		
95	8.1		6.4	9.6
138	18.6		15.7	23.5

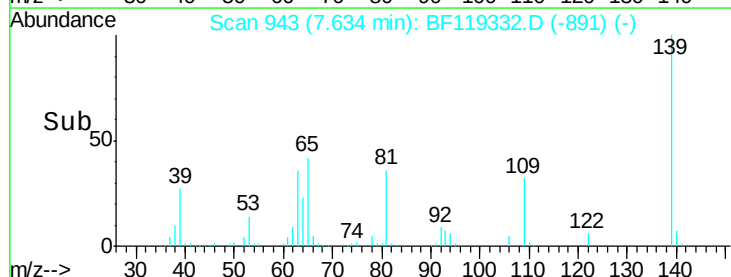
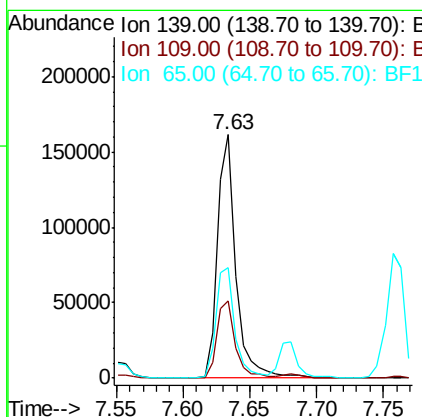
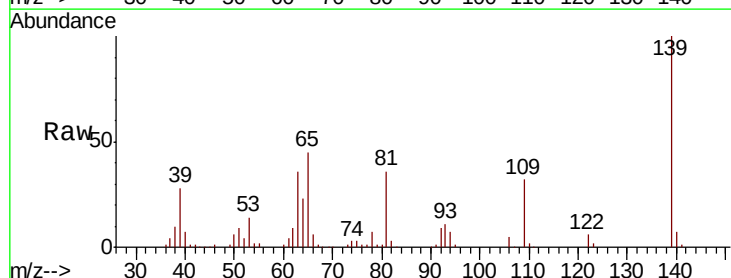
Manual Integrations
APPROVED

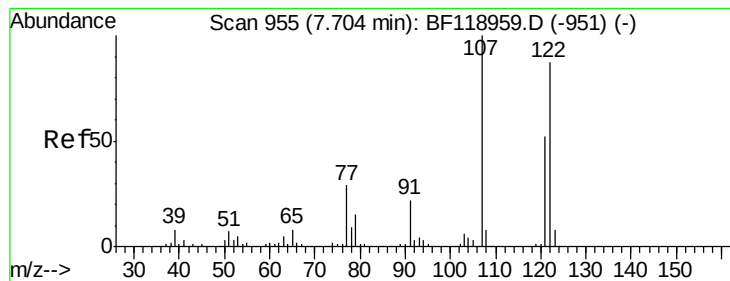
mohammad
3/11/2020 4:58:39 PM



#26
2-Nitrophenol
Concen: 39.076 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	158017		
109	31.6		25.7	38.5
65	45.5		37.1	55.7





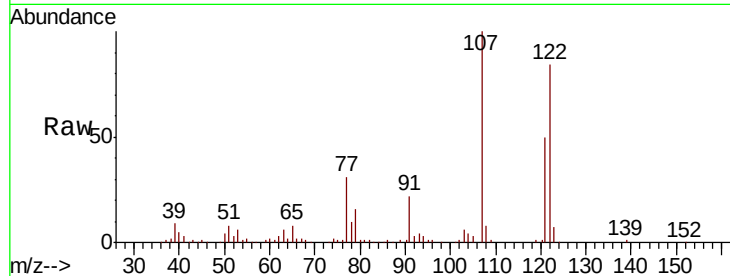
#27
2,4-Dimethylphenol
Concen: 40.838 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

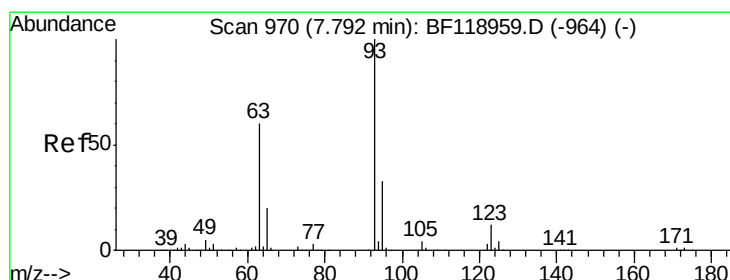
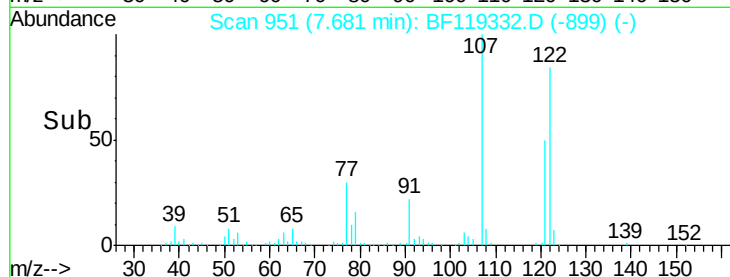
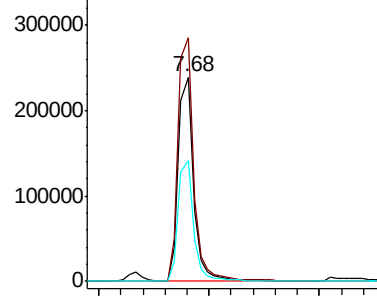
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	93.8	140.6
121	59.1	48.2	72.2

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM

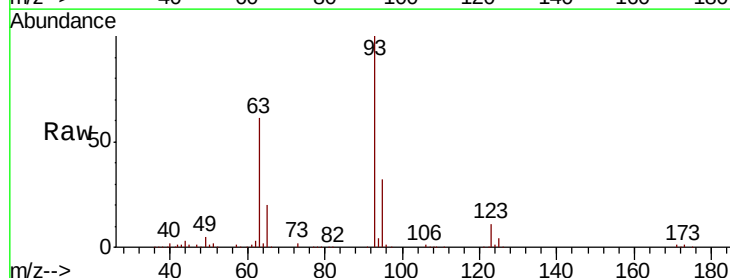


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

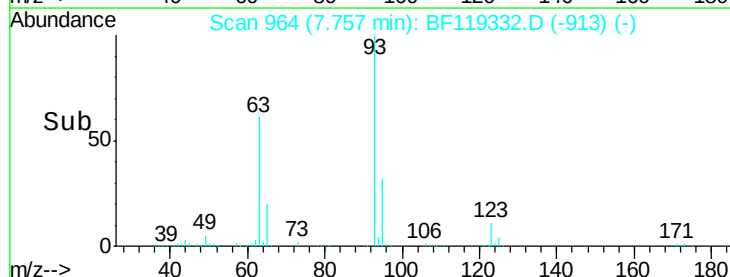
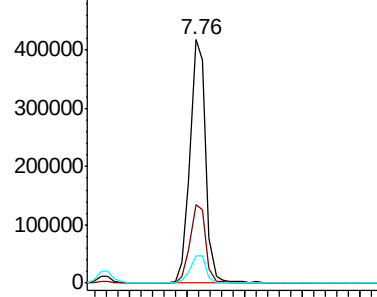


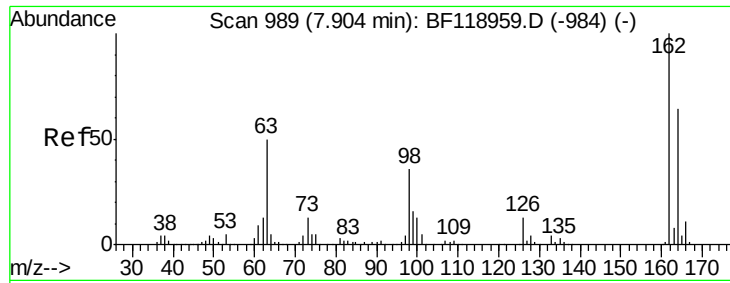
#28
bis(2-Chloroethoxy)methane
Concen: 45.439 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	11.0	10.2	15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





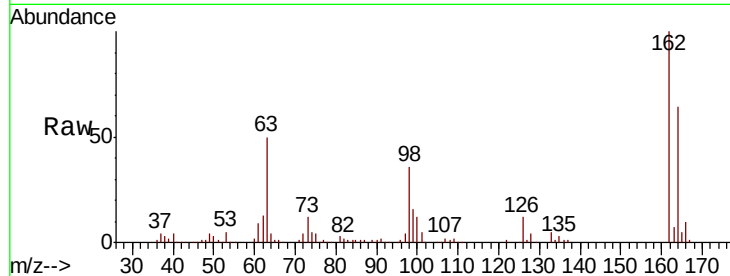
#29
2,4-Dichlorophenol
Concen: 41.326 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	45.2	85.2
98	35.8	17.4	57.4

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM

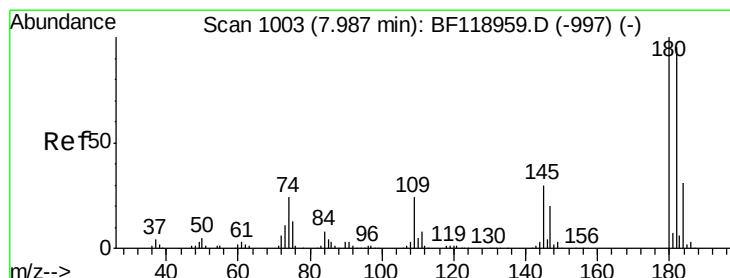
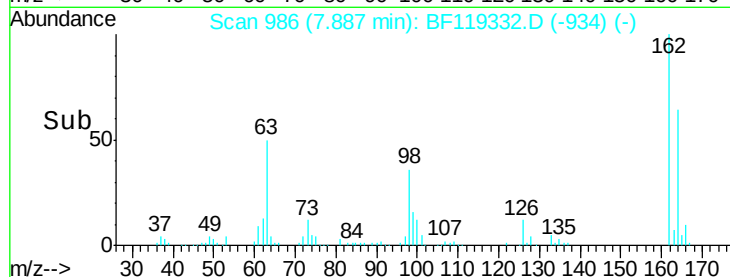
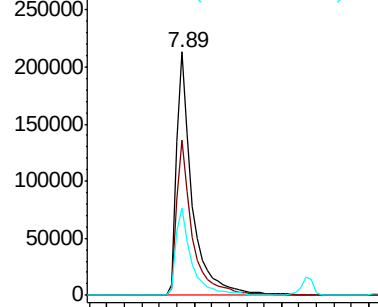


Abundance

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: 39.424 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

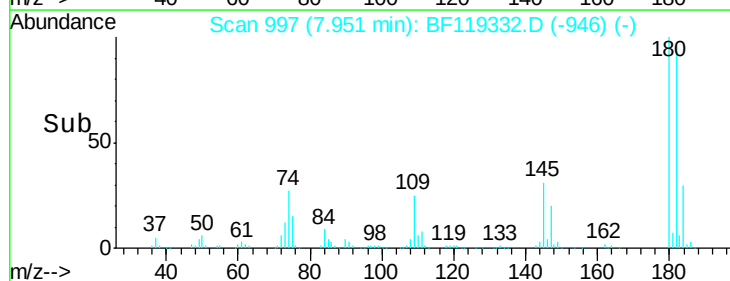
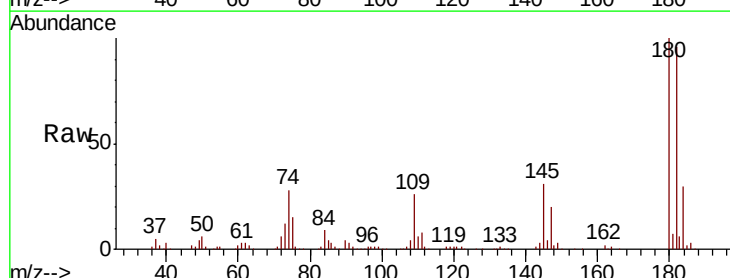
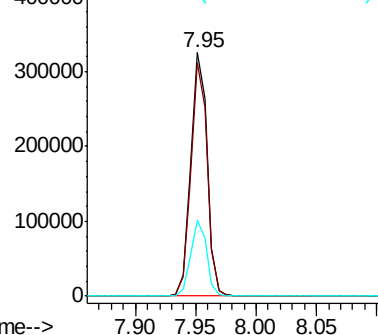
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	77.8	116.6
145	31.4	25.2	37.8

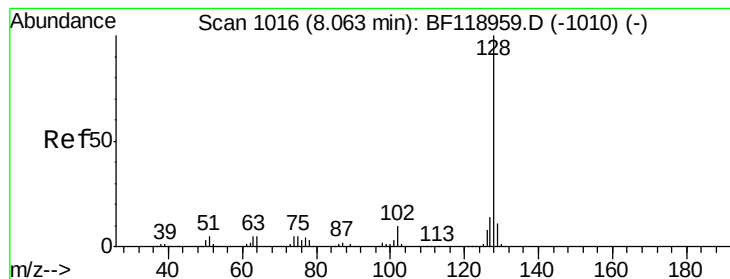
Abundance

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: 43.168 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

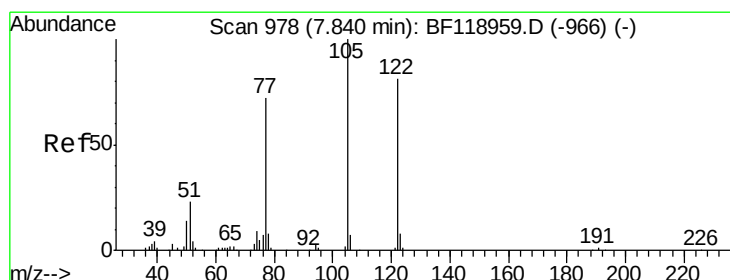
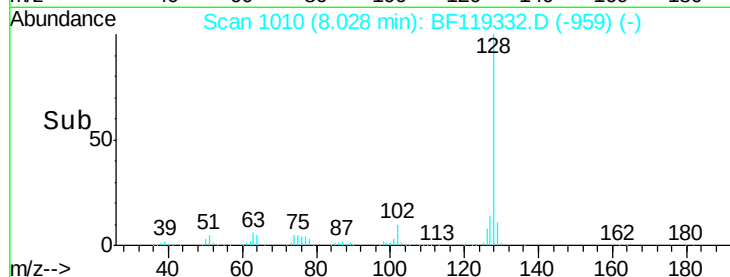
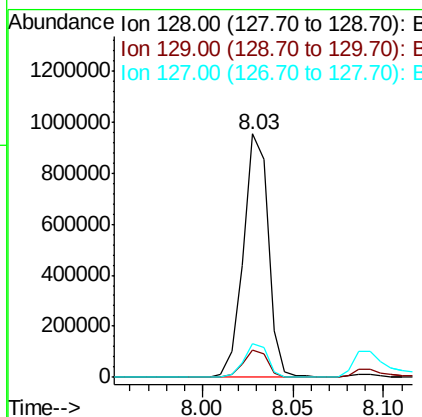
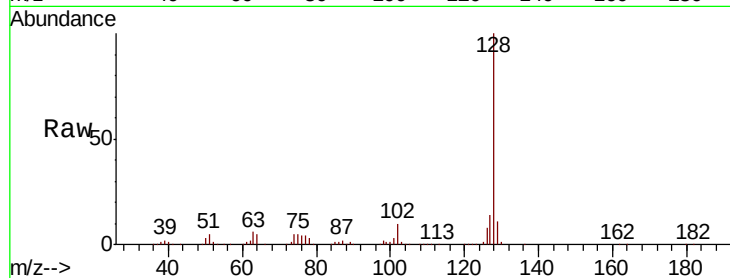
ClientSampleId :

PB127427BS

Tot Ion:	128	Resp:	912280
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.2
127	13.7	11.4	17.2

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#32

Benzoic acid

Concen: 8.987 ng m

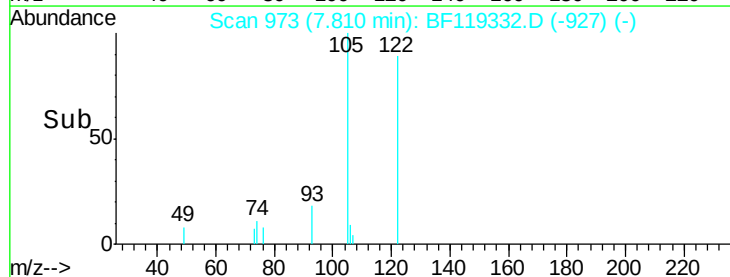
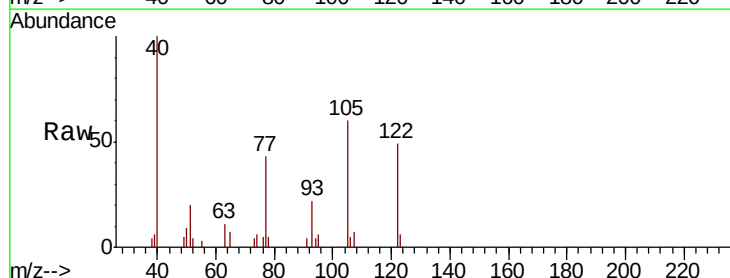
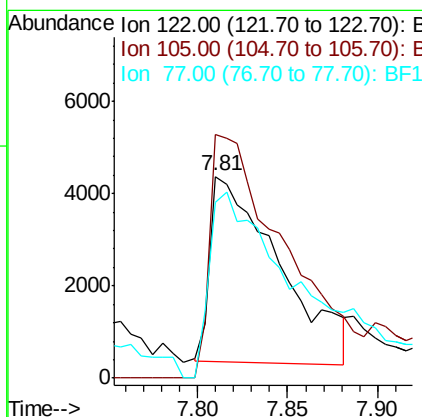
RT: 7.81 min Scan# 973

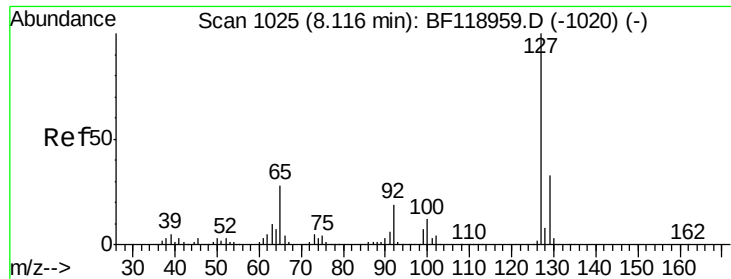
Delta R.T. -0.03 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	122	Resp:	10733
Ion Ratio	Lower	Upper	
122	100		
105	120.7	106.3	146.3
77	87.4	73.1	113.1





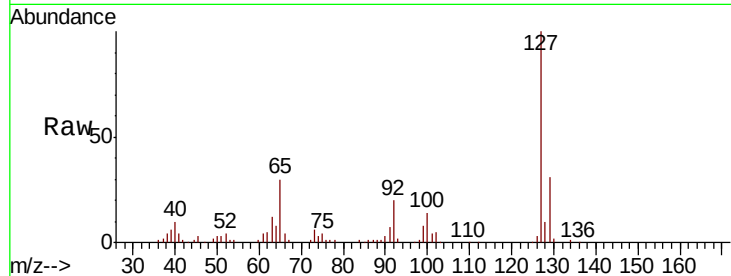
#33
4-Chloroaniline
Concen: 16.471 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

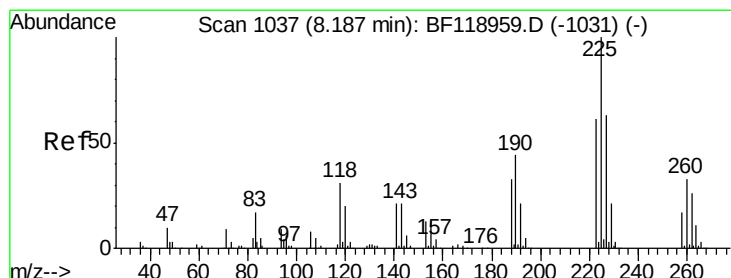
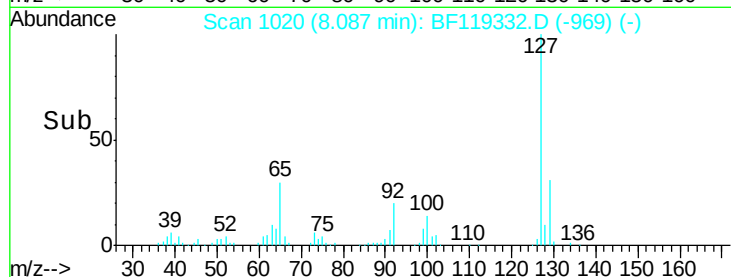
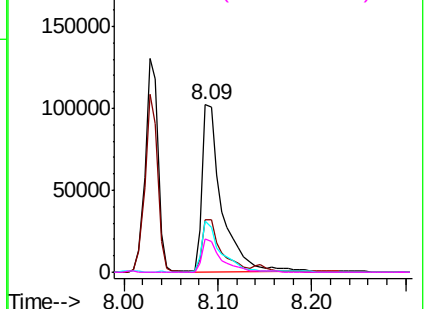
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	25.9	38.9		
65	30.4	23.9	35.9		
92	20.1	16.3	24.5		

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM

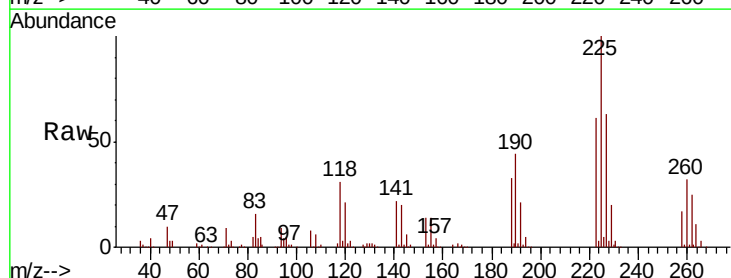


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

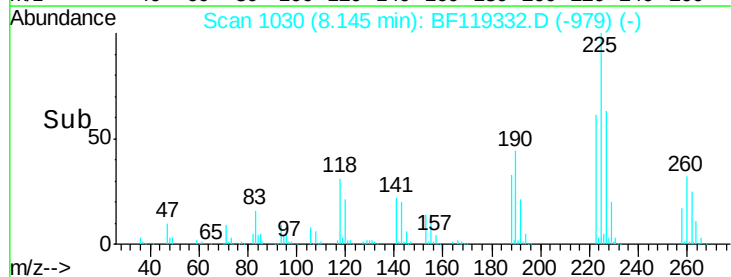
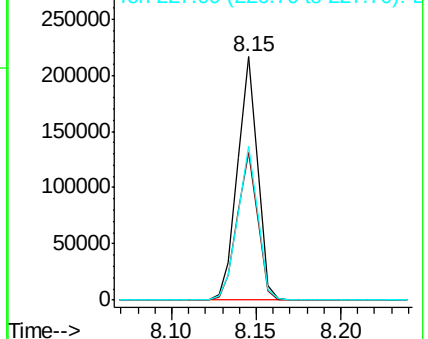


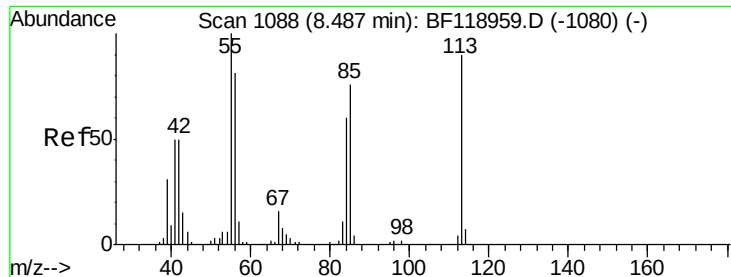
#34
Hexachlorobutadiene
Concen: 37.593 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.7	49.4	74.2		
227	63.2	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: 4.877 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

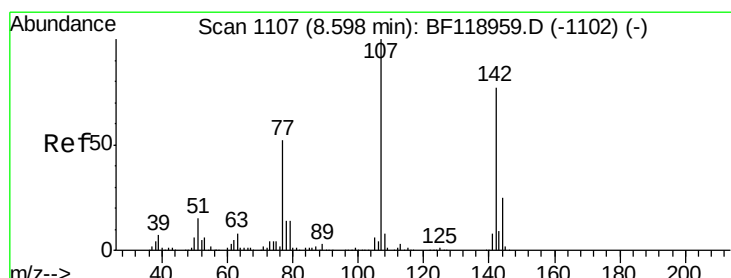
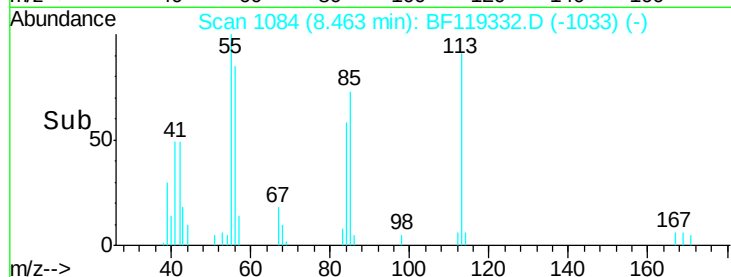
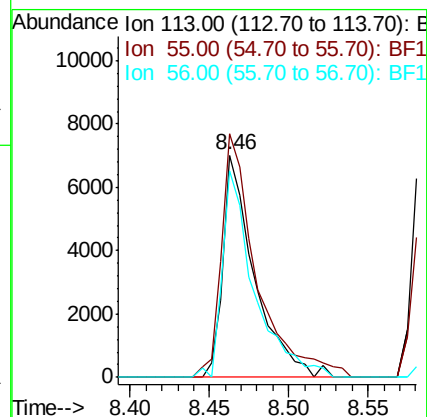
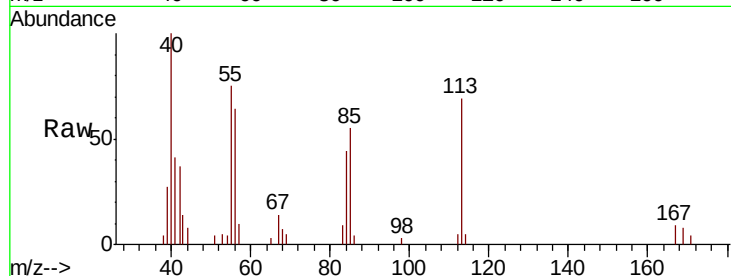
ClientSampleId :

PB127427BS

Tot Ion:	113	Resp:	9703
Ion	Ratio	Lower	Upper
113	100		
55	109.4	95.7	135.7
56	92.6	73.1	113.1

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#36

4-Chloro-3-methylphenol

Concen: 38.225 ng

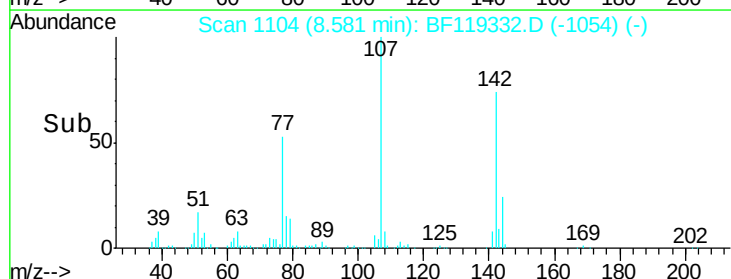
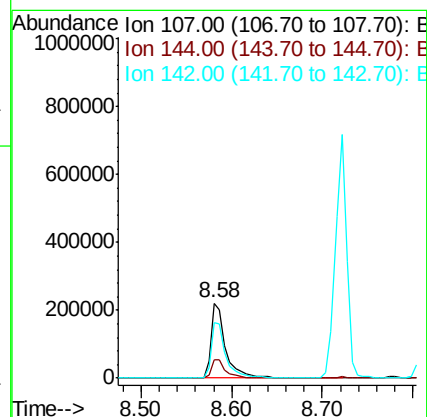
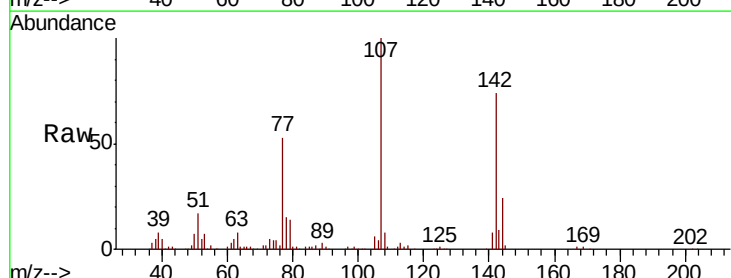
RT: 8.58 min Scan# 1104

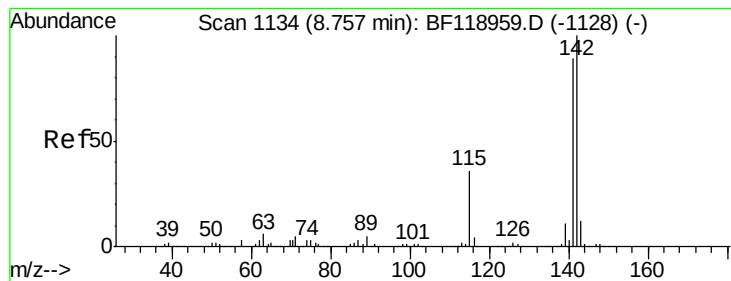
Delta R.T. -0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	107	Resp:	249941
Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.1	30.1
142	74.3	61.4	92.2





#37

2-Methylnaphthalene

Concen: 43.694 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

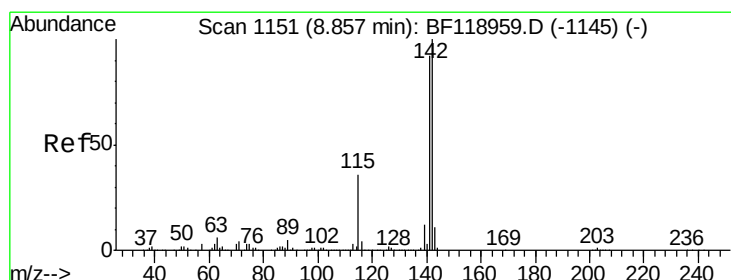
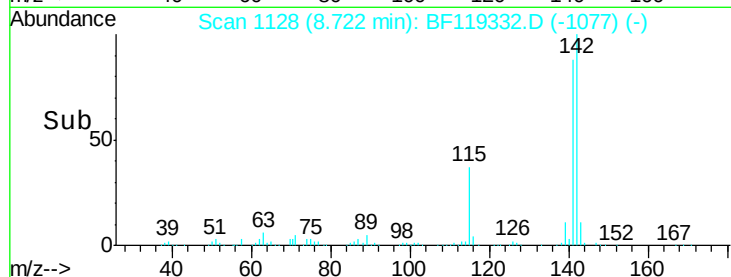
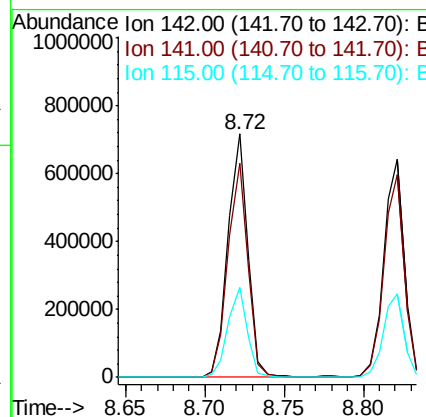
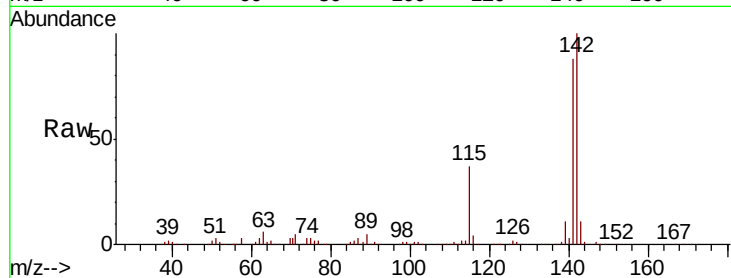
ClientSampleId :

PB127427BS

Tot Ion:	142	Resp:	621419
Ion Ratio	Lower	Upper	
142	100		
141	88.0	72.3	108.5
115	37.0	30.6	45.8

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#38

1-Methylnaphthalene

Concen: 43.131 ng

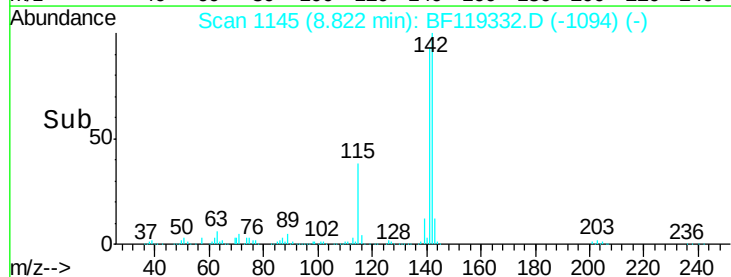
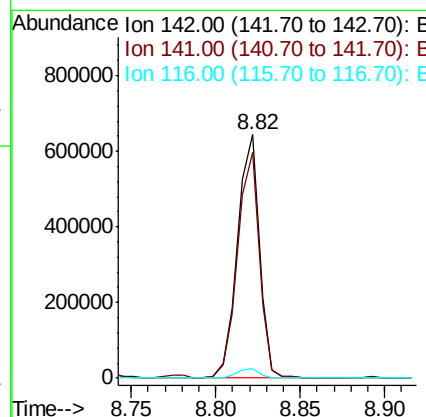
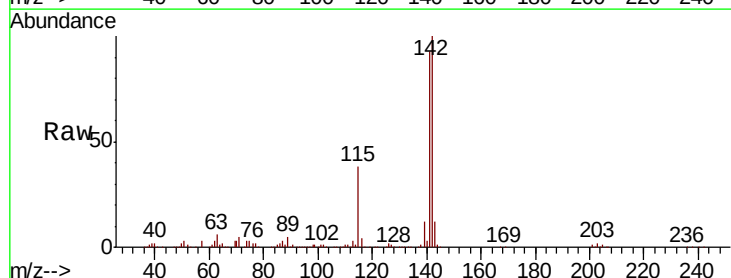
RT: 8.82 min Scan# 1145

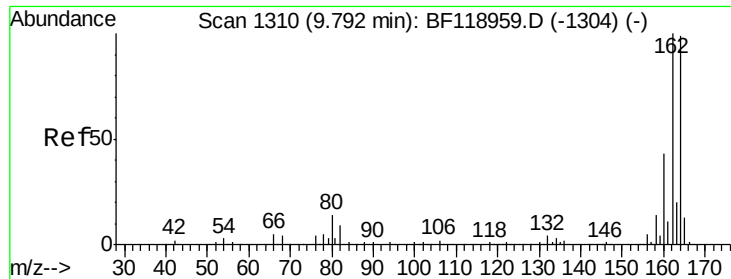
Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	142	Resp:	576891
Ion Ratio	Lower	Upper	
142	100		
141	92.7	75.8	113.6
116	3.9	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: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

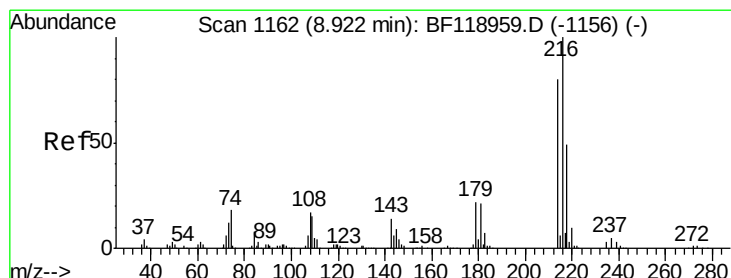
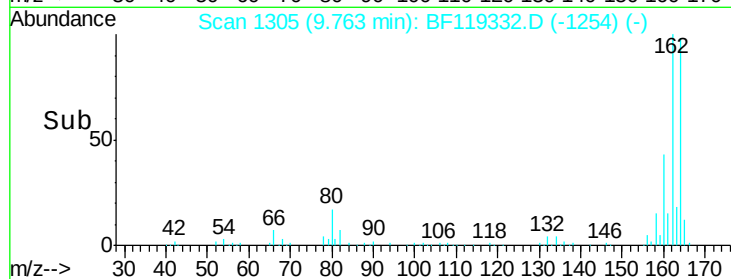
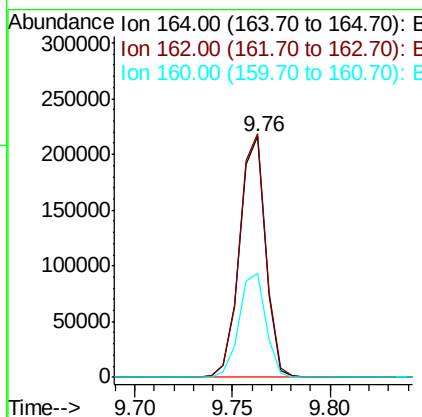
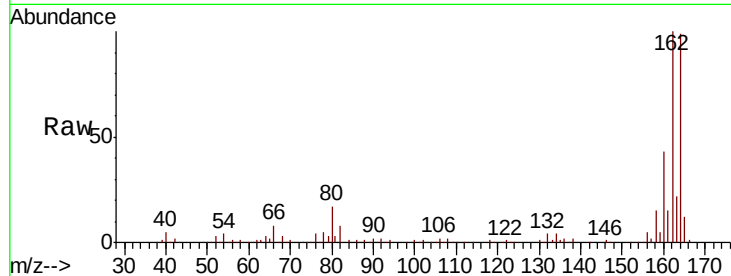
ClientSampleId :

PB127427BS

Tot Ion:	164	Resp:	199345
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.8	122.8
160	43.3	36.0	54.0

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.098 ng

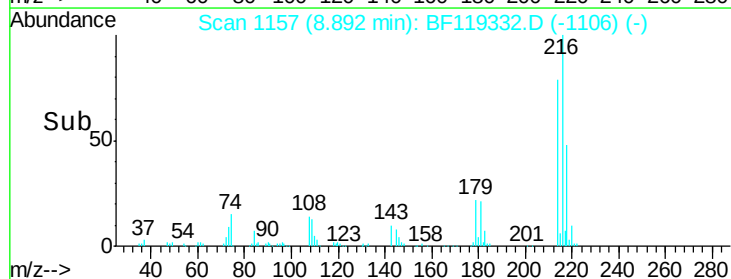
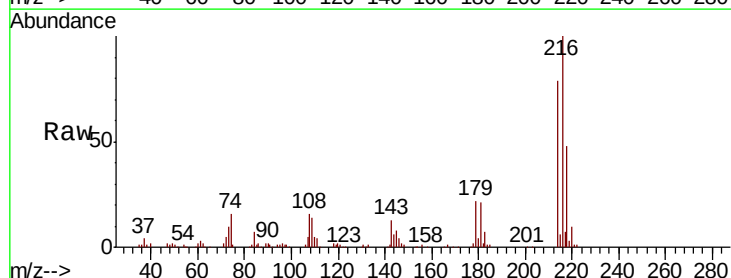
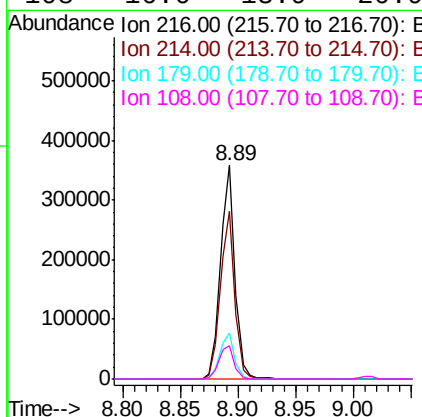
RT: 8.89 min Scan# 1157

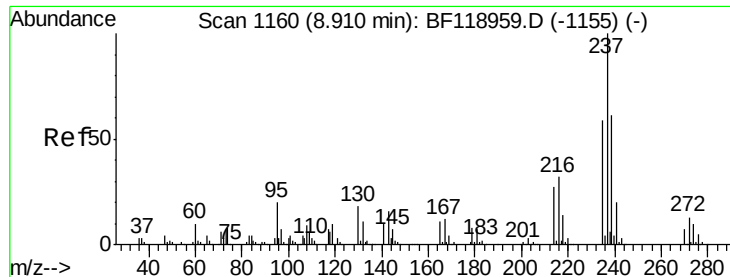
Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	216	Resp:	309830
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.3	94.9
179	21.7	17.7	26.5
108	16.6	13.9	20.9





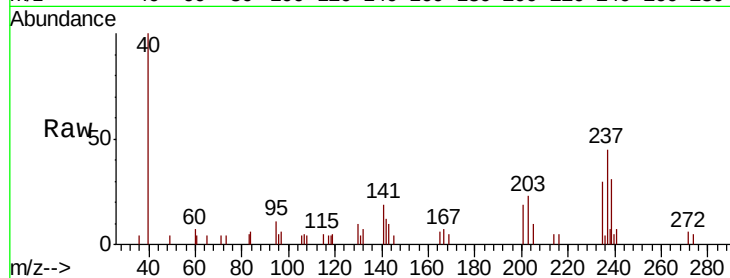
#41
Hexachlorocyclopentadiene
Concen: 10.566 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

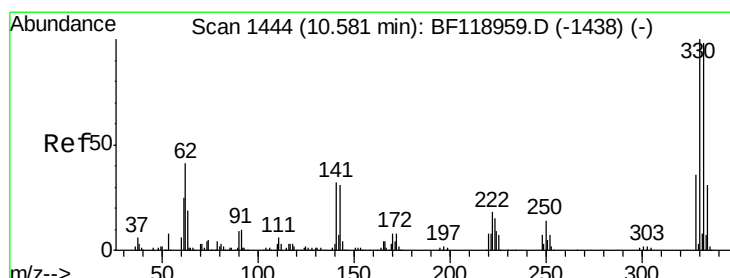
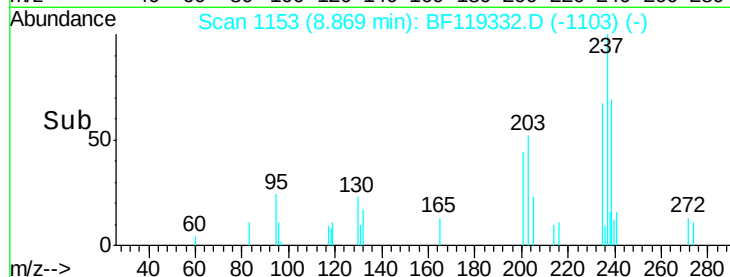
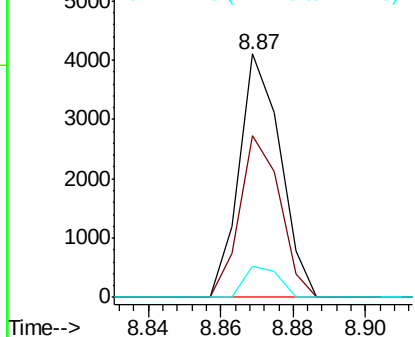
Tot Ion:	237	Resp:	3247
Ion Ratio	Lower	Upper	
237	100		
235	66.6	42.3	82.3
272	12.9	0.0	33.5

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM

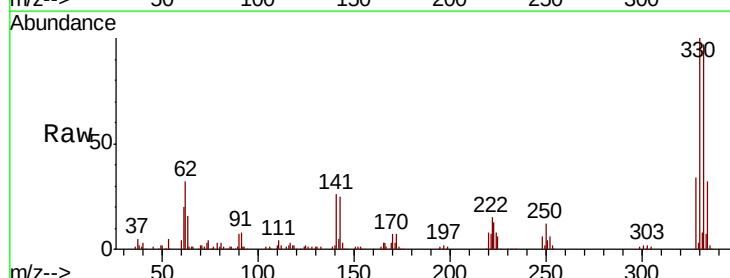


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

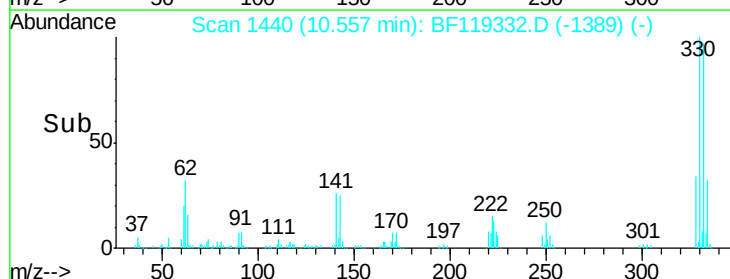
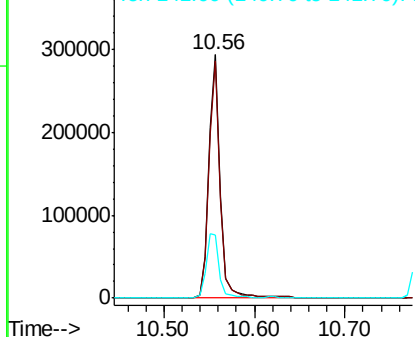


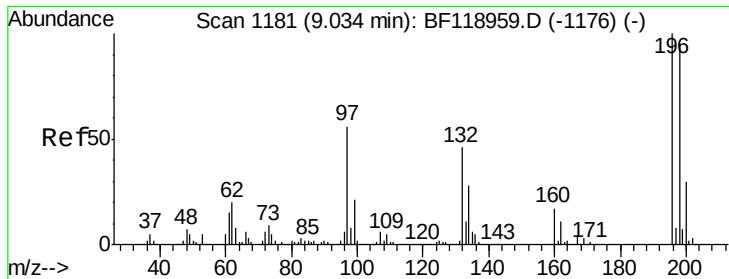
#42
2,4,6-Tribromophenol
Concen: 101.741 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:	330	Resp:	265318
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.0	114.0
141	29.8	22.9	34.3



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





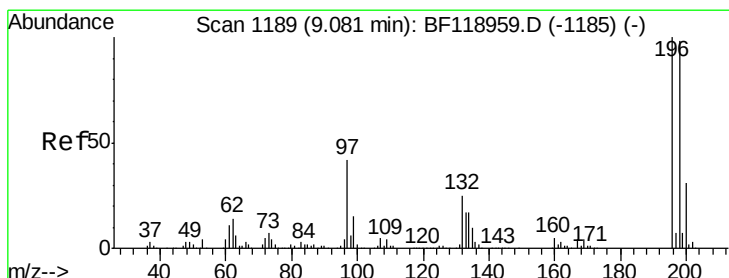
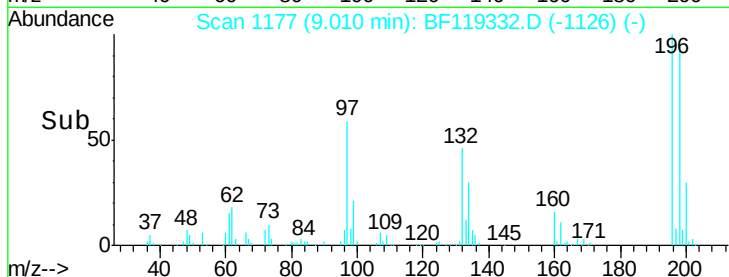
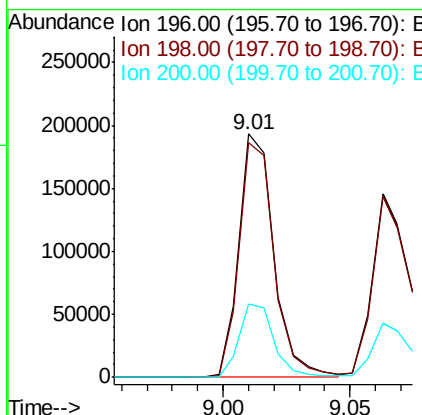
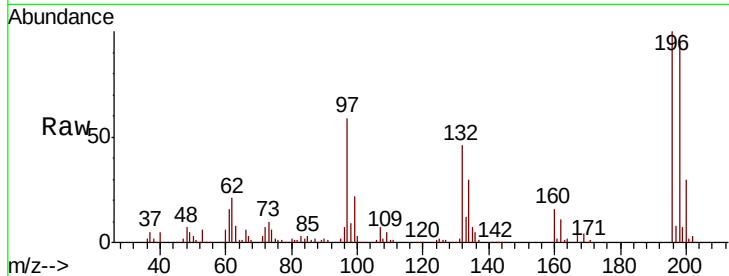
#43
 2,4,6-Trichlorophenol
 Concen: 43.849 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampled :
 PB127427BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186108		
198	96.5	77.1	115.7	
200	30.1	25.0	37.6	

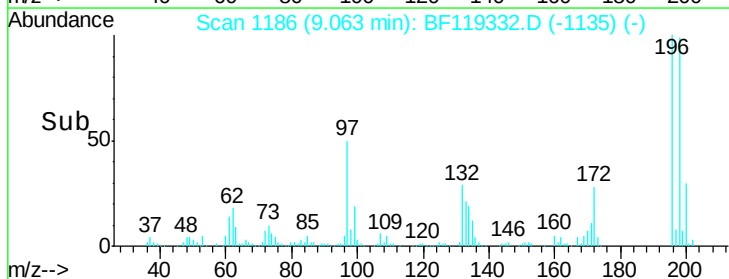
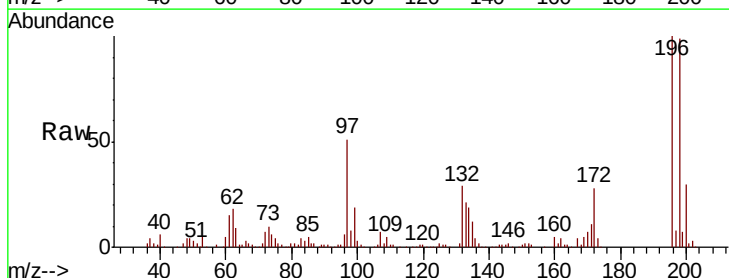
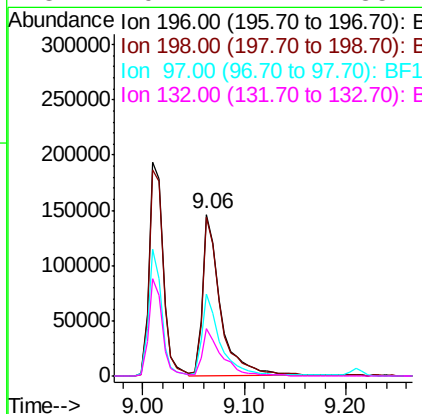
Manual Integrations
 APPROVED

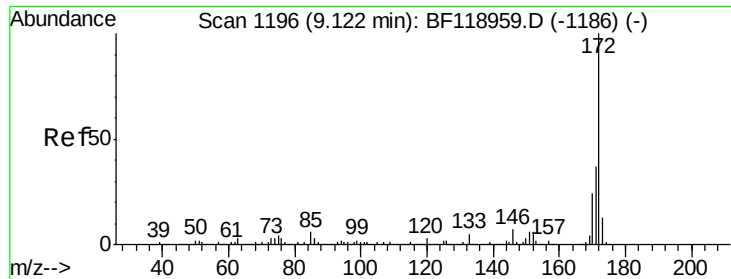
mohammad
 3/11/2020 4:58:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.493 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180349		
198	98.7	76.8	115.2	
97	50.6	38.5	57.7	
132	29.1	22.2	33.4	





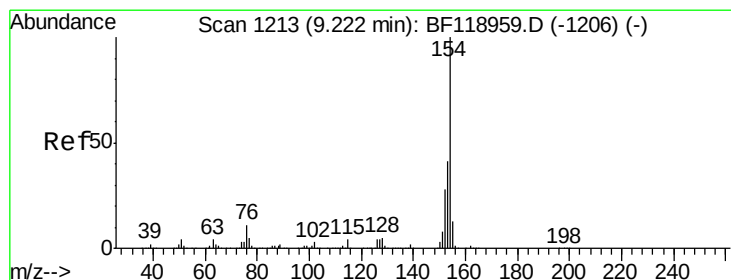
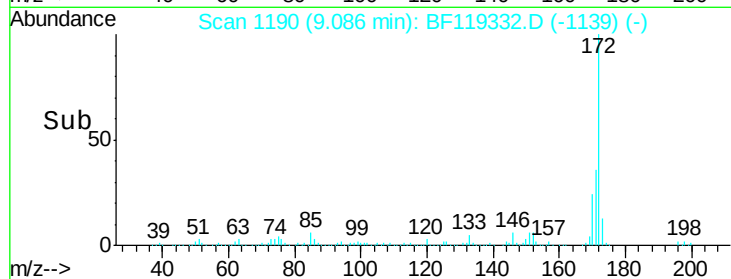
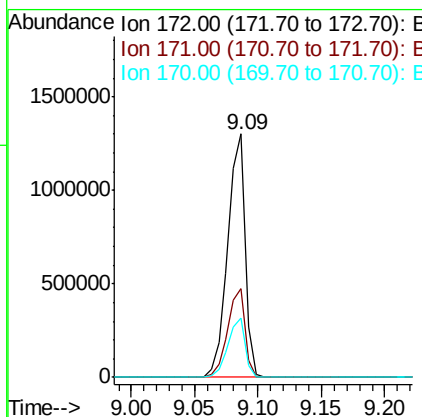
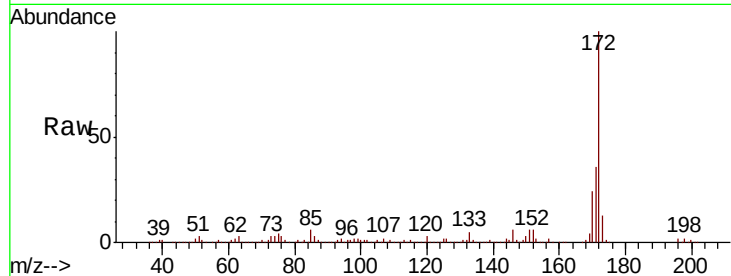
#45
2-Fluorobiphenyl
Concen: 91.519 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.4	20.2	30.2

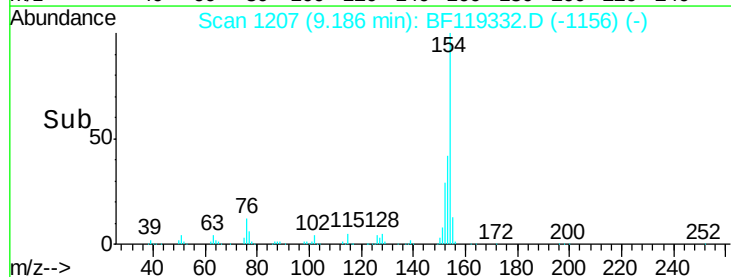
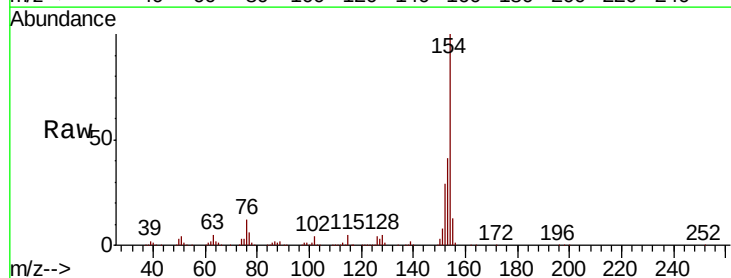
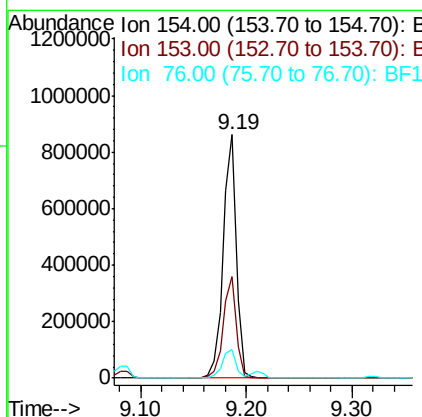
Manual Integrations
APPROVED

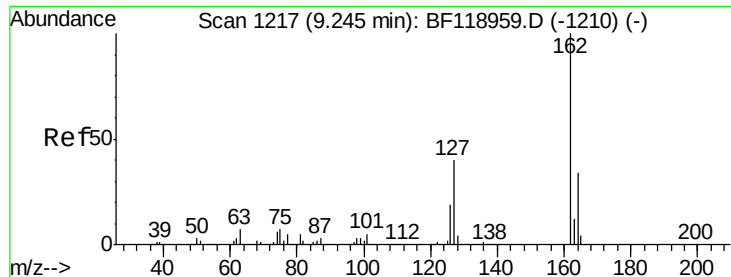
mohammad
3/11/2020 4:58:39 PM



#46
1,1'-Biphenyl
Concen: 46.964 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	11.5	0.0	32.2





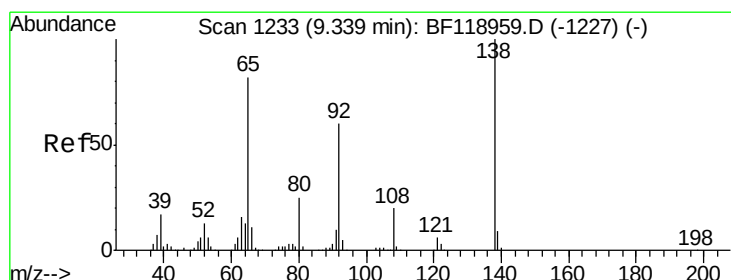
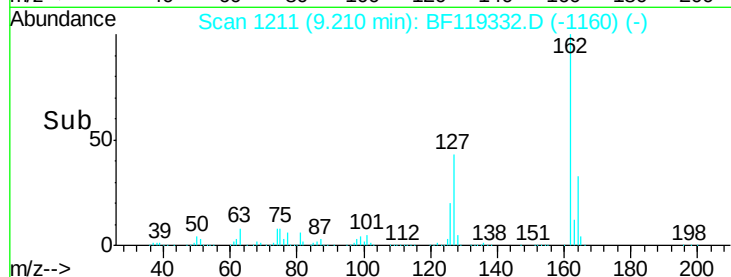
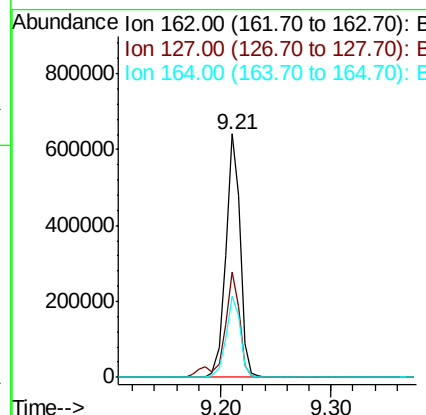
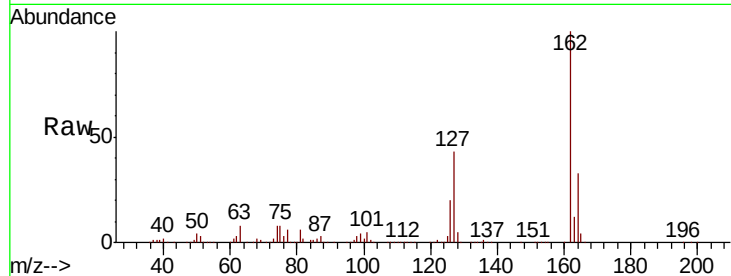
#47
2-Chloronaphthalene
Concen: 44.874 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	35.0	52.4
164	33.3	27.2	40.8

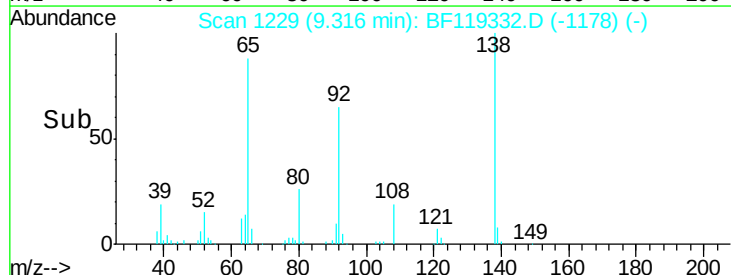
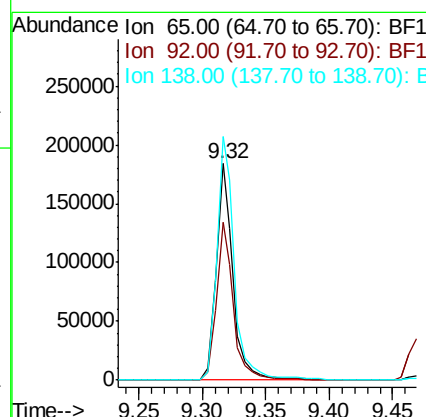
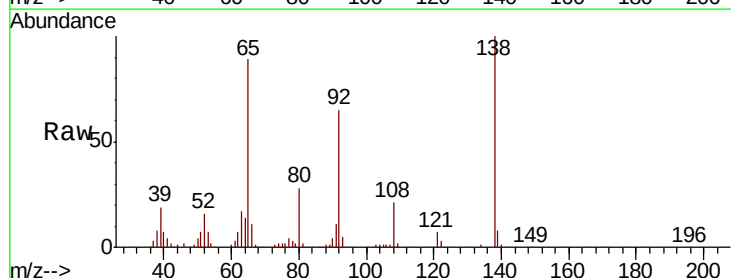
Manual Integrations
APPROVED

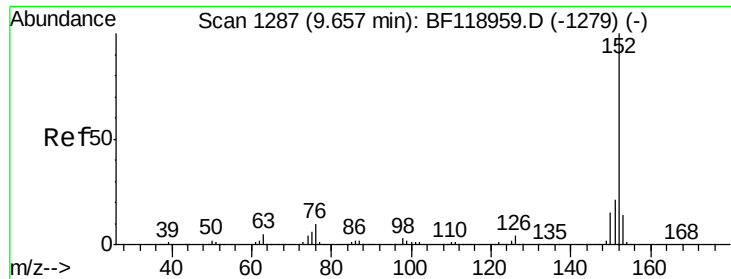
mohammad
3/11/2020 4:58:39 PM



#48
2-Nitroaniline
Concen: 47.089 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.2	87.2
138	112.5	95.6	143.4





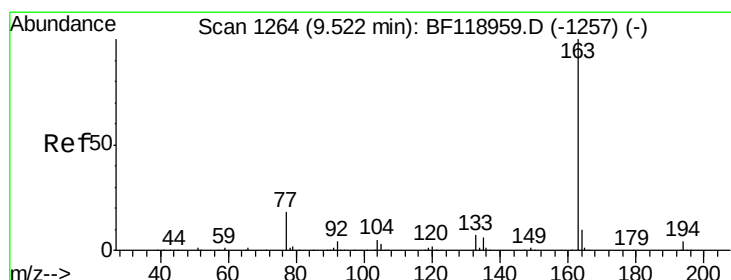
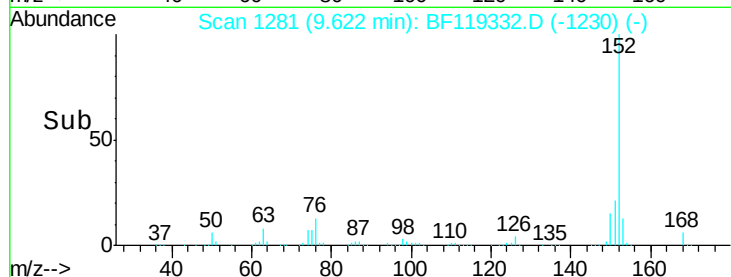
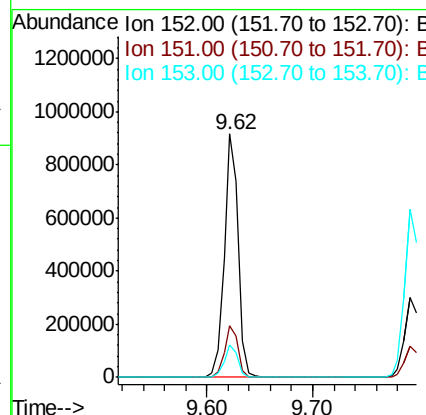
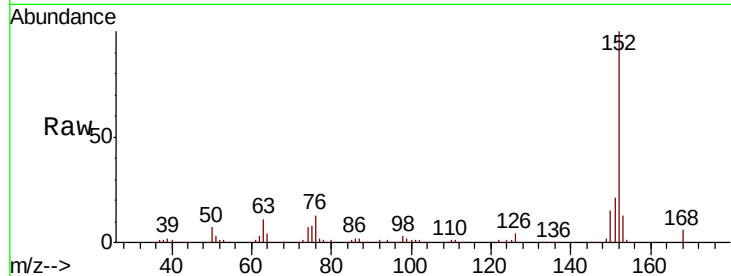
#49
Acenaphthylene
Concen: 45.123 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		846134		
151	21.2	16.9	25.3		
153	13.3	11.0	16.6		

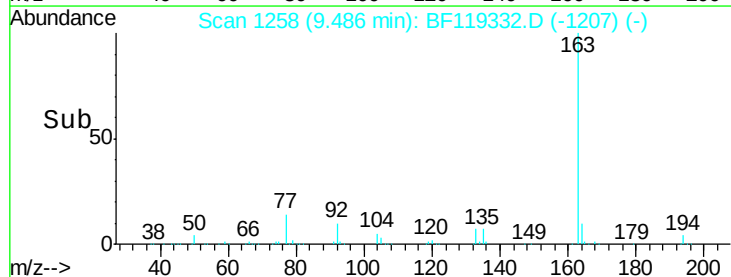
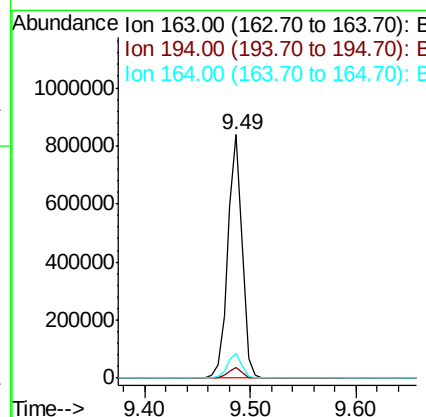
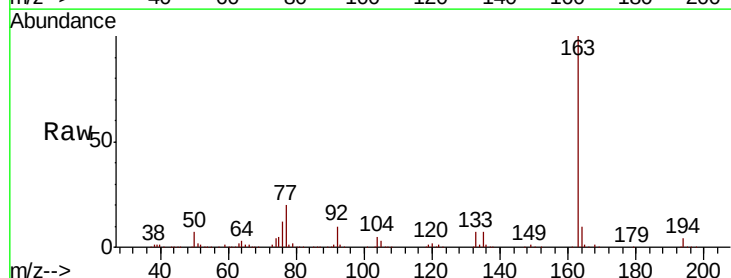
Manual Integrations
APPROVED

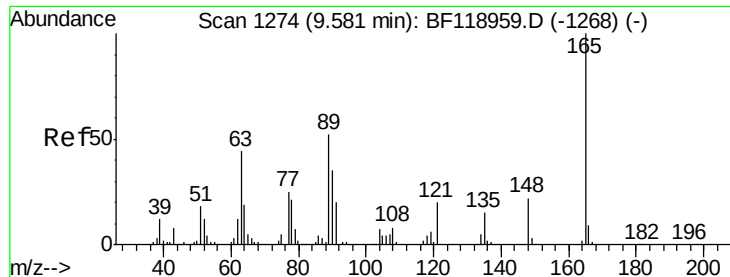
mohammad
3/11/2020 4:58:39 PM



#50
Dimethylphthalate
Concen: 51.714 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		788298		
194	4.2	3.5	5.3		
164	10.0	8.4	12.6		





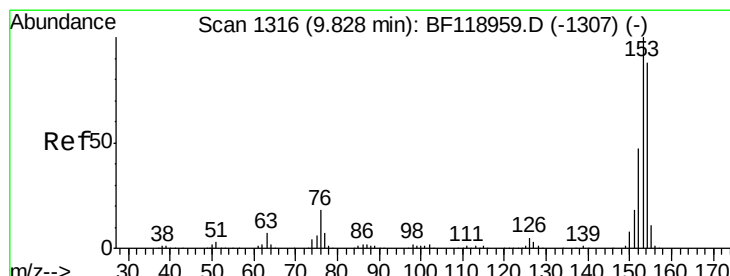
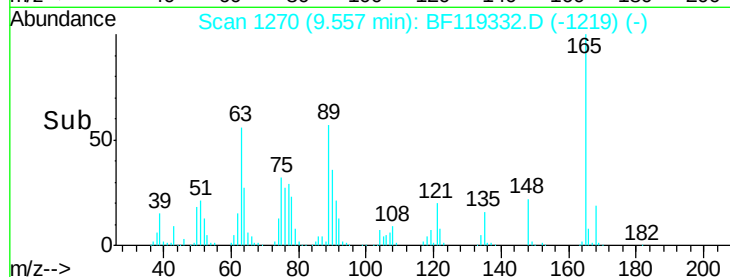
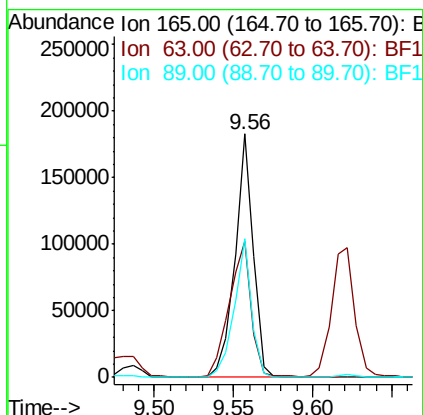
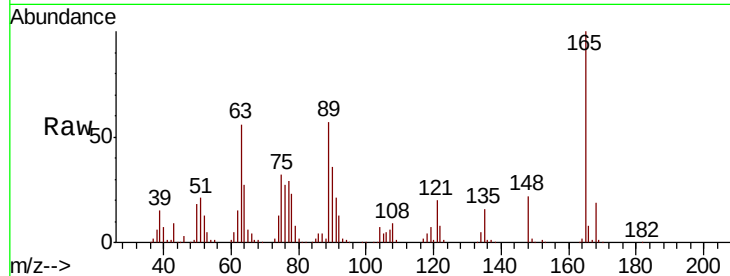
#51
 2,6-Dinitrotoluene
 Concen: 43.185 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	55.9	34.3	51.5#
89	56.8	38.3	57.5

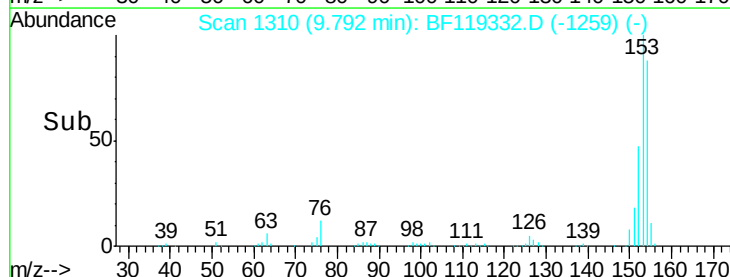
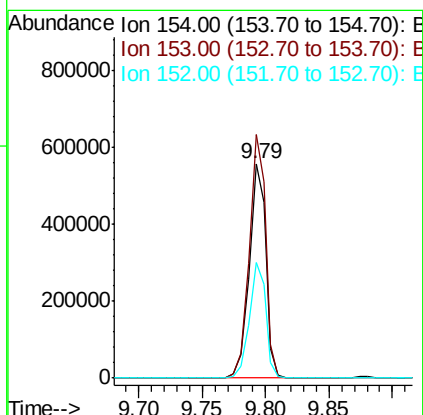
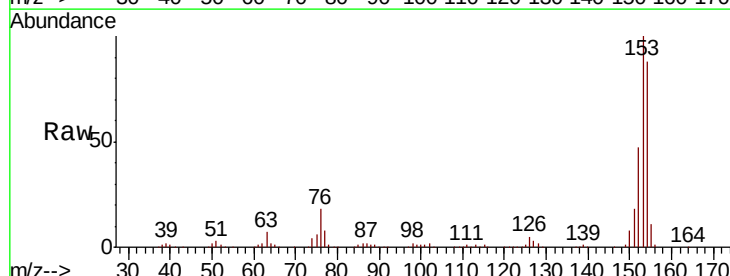
Manual Integrations
 APPROVED

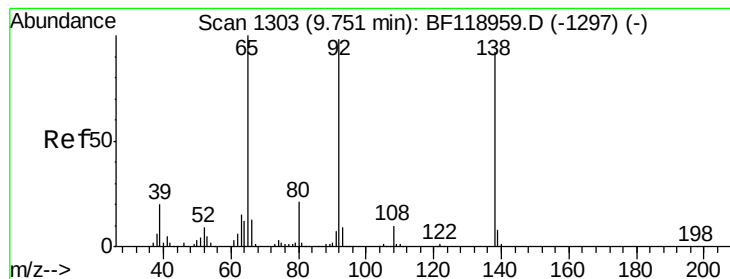
mohammad
 3/11/2020 4:58:39 PM



#52
 Acenaphthene
 Concen: 44.732 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.4	90.3	135.5
152	53.6	43.8	65.8





#53

3-Nitroaniline

Concen: 26.284 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

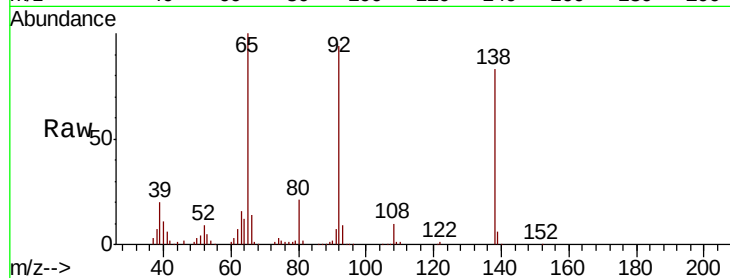
ClientSampleId :

PB127427BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	8.8	13.2
92	113.9	84.8	127.2

Manual Integrations
APPROVED

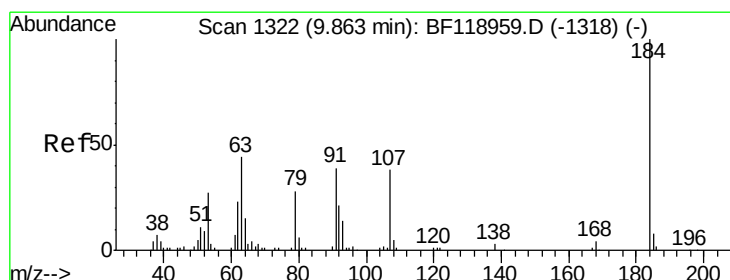
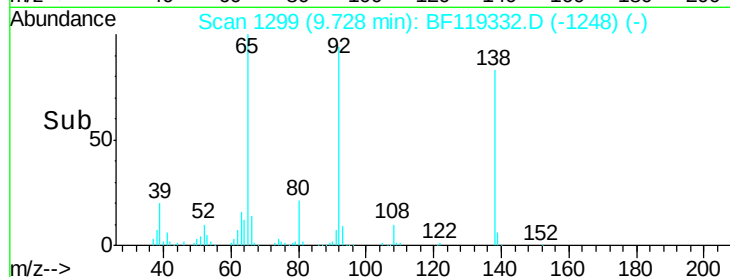
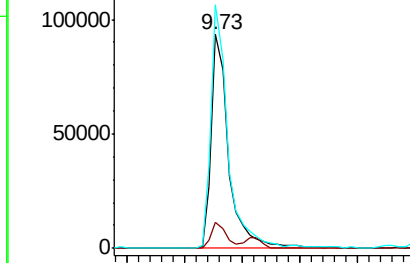
mohammad
3/11/2020 4:58:39 PM



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: 14.401 ng

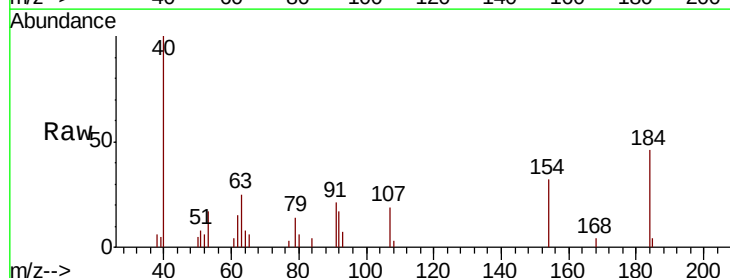
RT: 9.88 min Scan# 1325

Delta R.T. 0.03 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

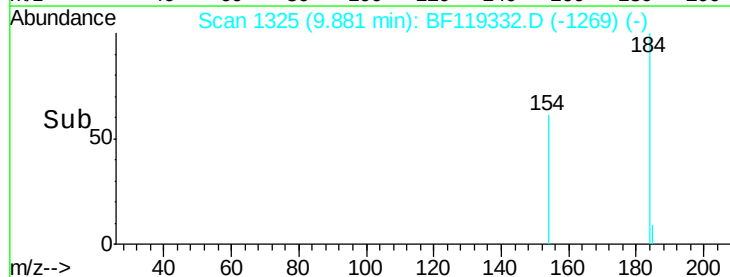
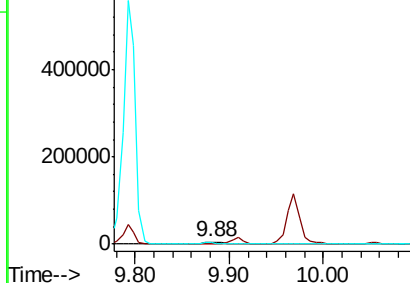
Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.5	38.7	58.1
154	68.6	49.7	74.5

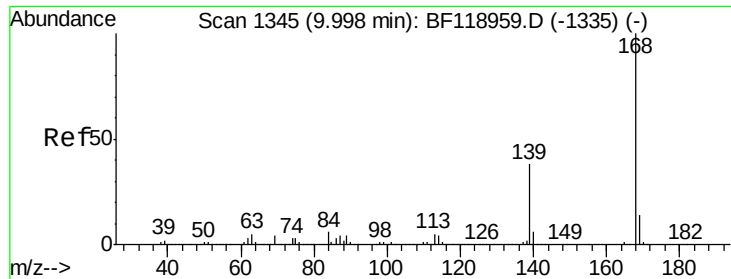


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





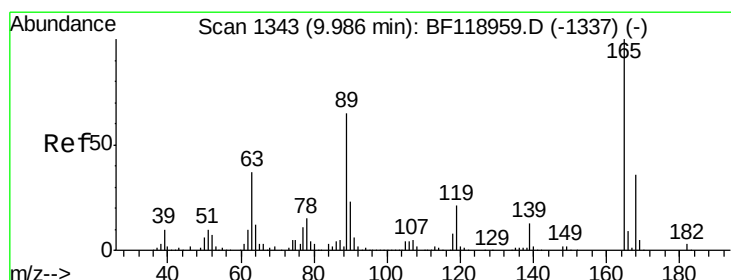
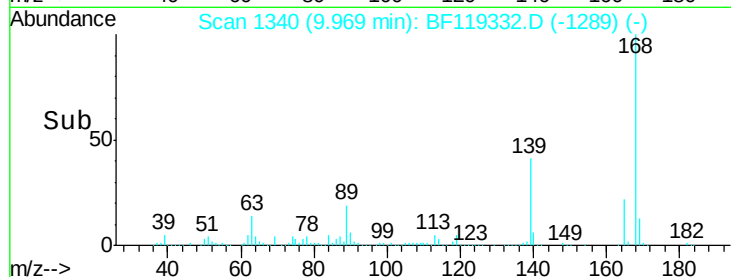
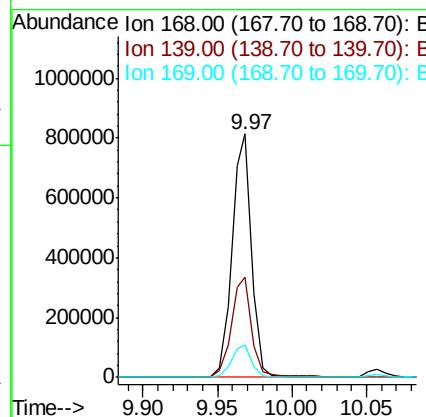
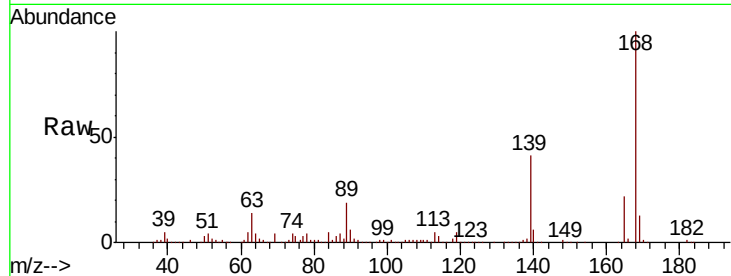
#55
Dibenzenofuran
Concen: 44.372 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	34.0	51.0
169	13.3	11.0	16.4

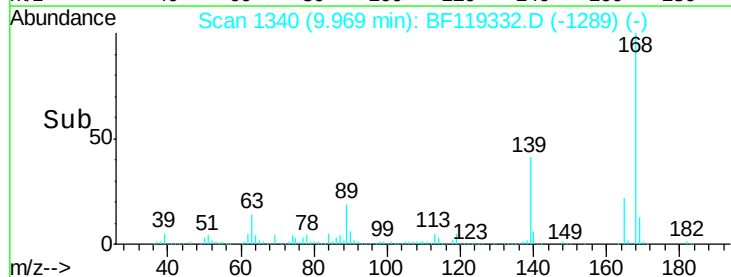
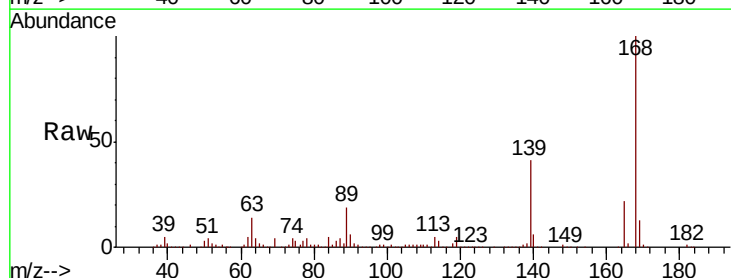
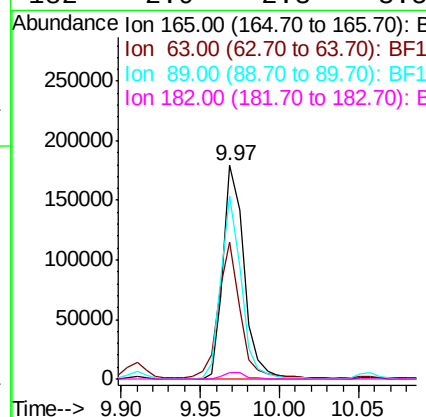
Manual Integrations
APPROVED

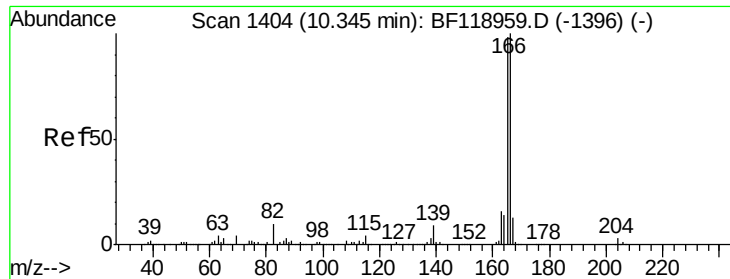
mohammad
3/11/2020 4:58:39 PM



#57
2,4-Dinitrotoluene
Concen: 38.018 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.3	42.3	63.5#
89	85.6	60.2	90.4
182	2.9	2.3	3.5





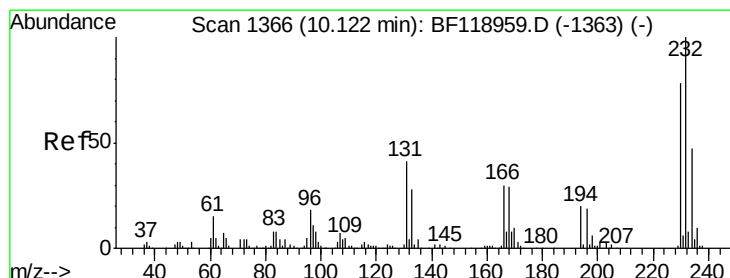
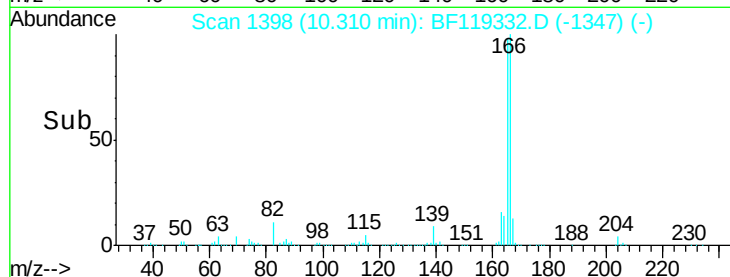
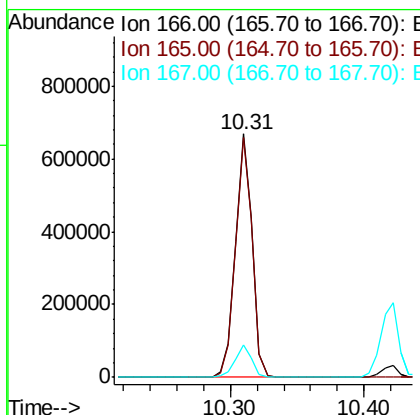
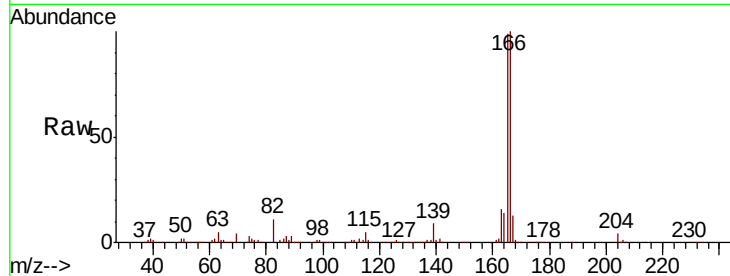
#58
Fluorene
Concen: 44.865 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.5	117.7
167	13.3	11.0	16.4

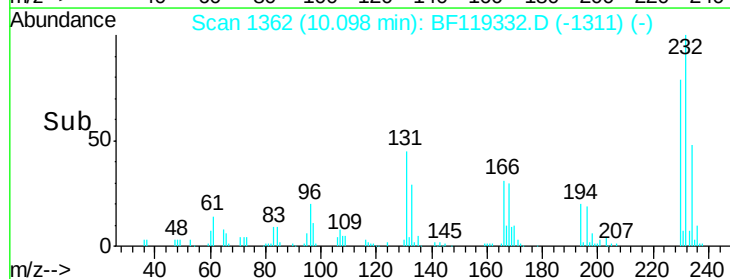
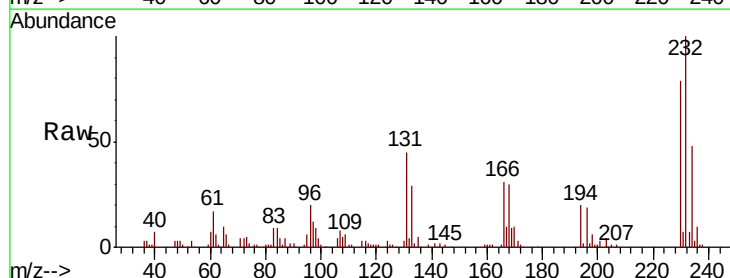
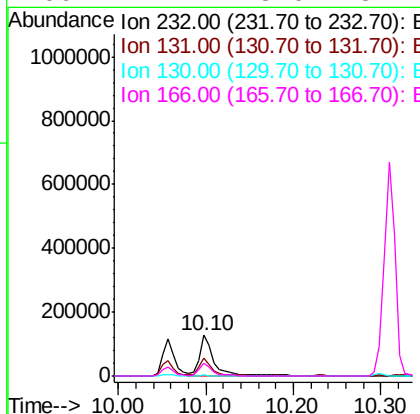
Manual Integrations
APPROVED

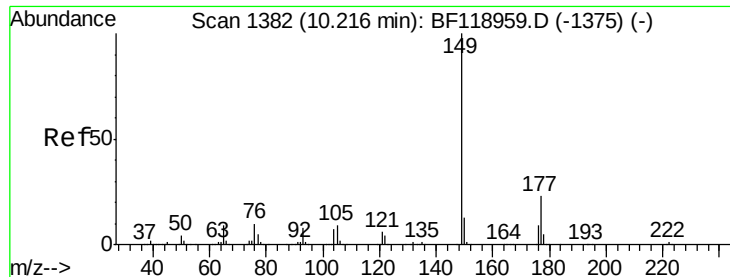
mohammad
3/11/2020 4:58:39 PM



#59
2,3,4,6-Tetrachlorophenol
Concen: 38.534 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.6	33.8	50.8
130	2.3	1.8	2.6
166	27.2	23.0	34.4





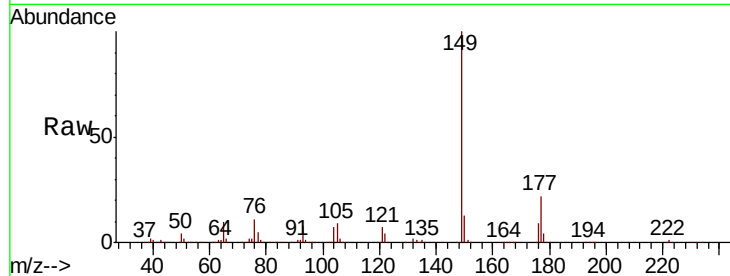
#60
Diethylphthalate
Concen: 49.526 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampled :
PB127427BS

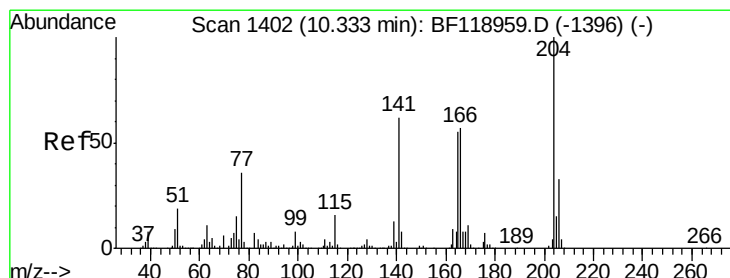
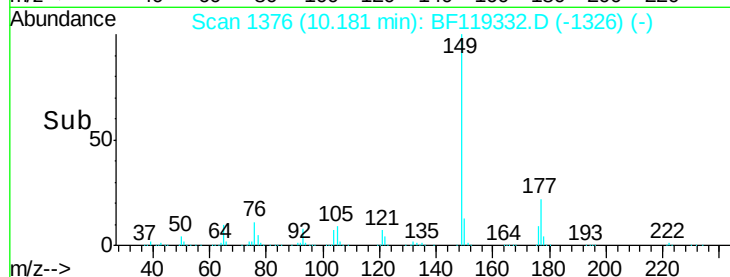
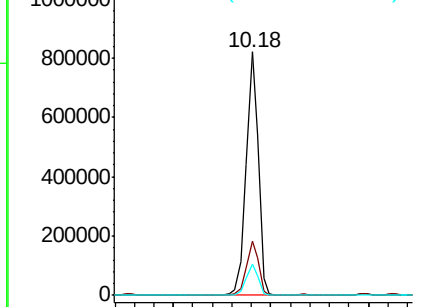
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	13.0	10.5	15.7

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM

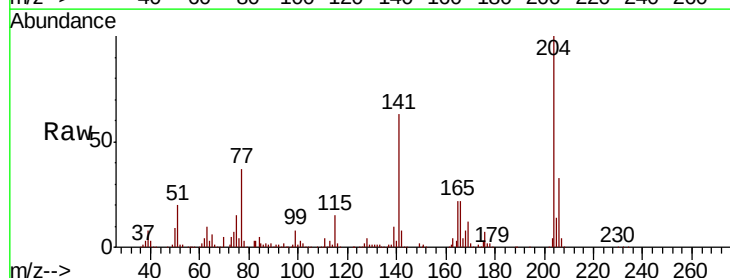


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

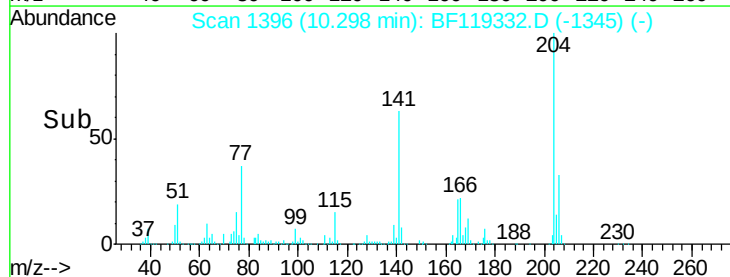
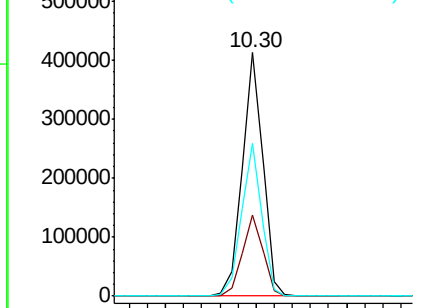


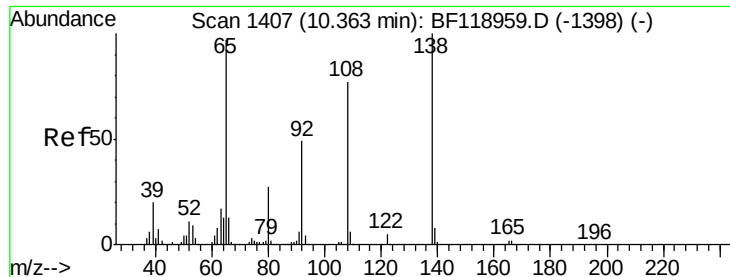
#61
4-Chlorophenyl-phenylether
Concen: 46.732 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.1	40.7
141	63.0	52.9	79.3



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





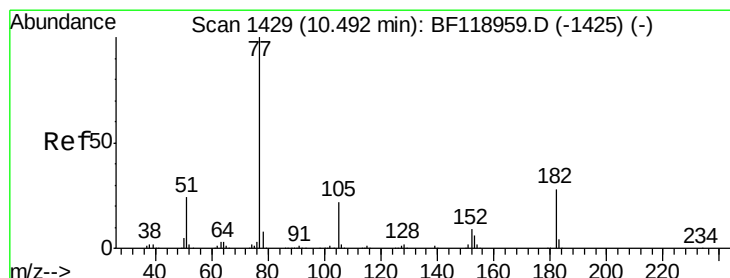
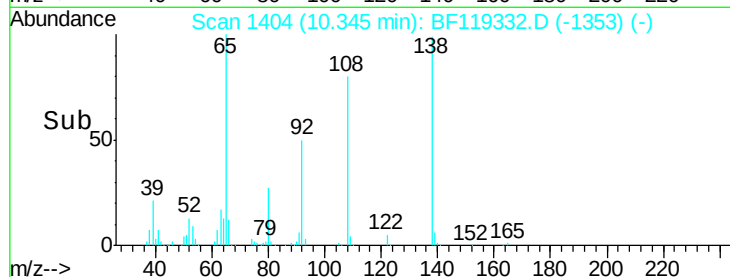
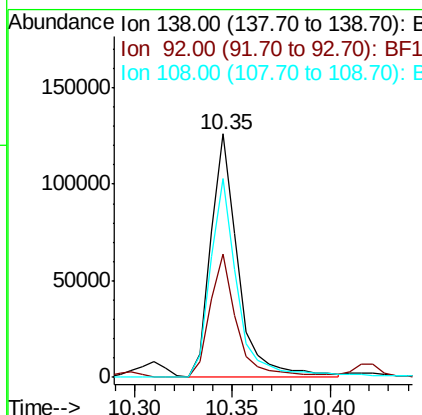
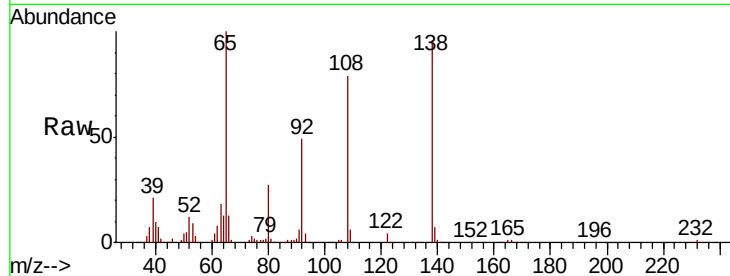
#62
4-Nitroaniline
Concen: 31.594 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	27.3	67.3
108	81.9	57.0	97.0

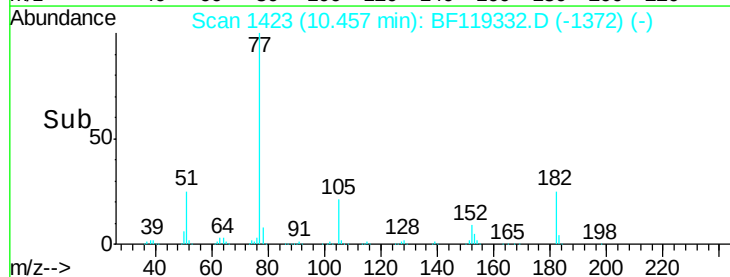
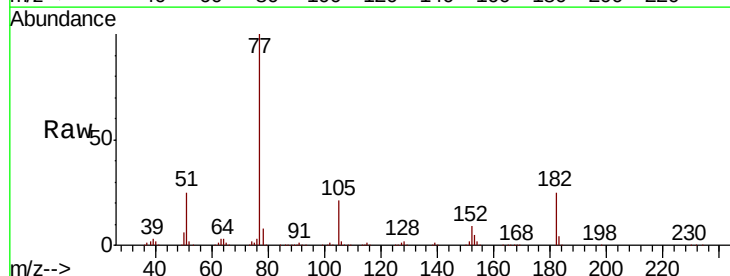
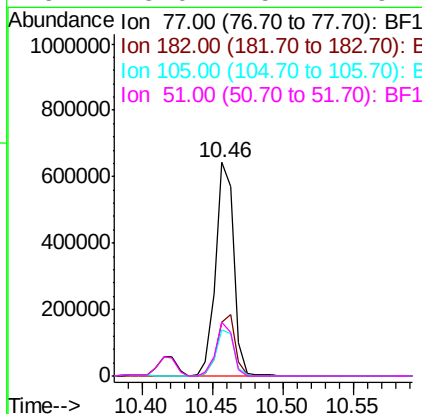
Manual Integrations
APPROVED

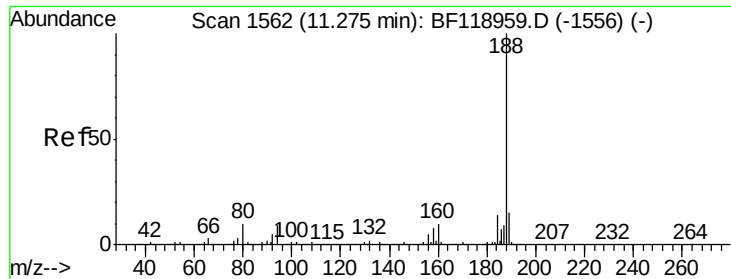
mohammad
3/11/2020 4:58:39 PM



#63
Azobenzene
Concen: 45.943 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	11.4	51.4
105	21.4	3.4	43.4
51	25.0	5.1	45.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

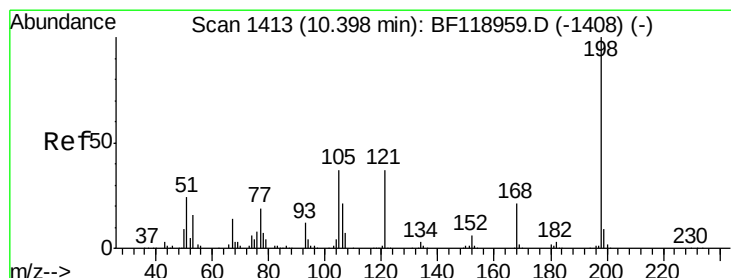
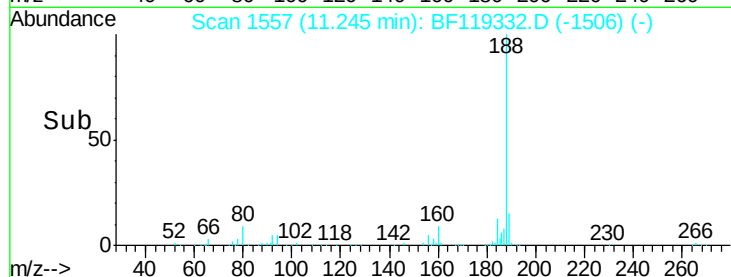
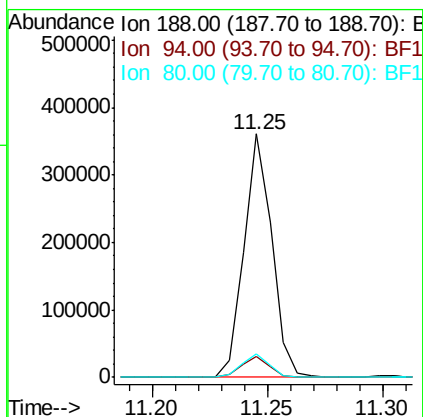
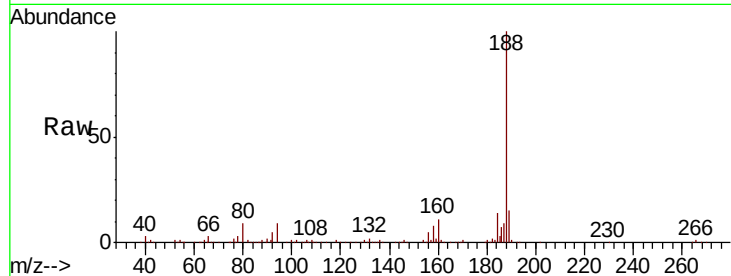
ClientSampleId :

PB127427BS

Tot Ion:	188	Resp:	304810
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.1	10.7
80	9.4	7.8	11.8

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#65

4,6-Dinitro-2-methylphenol

Concen: 8.109 ng

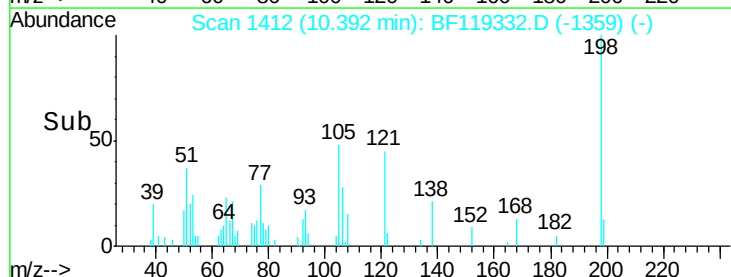
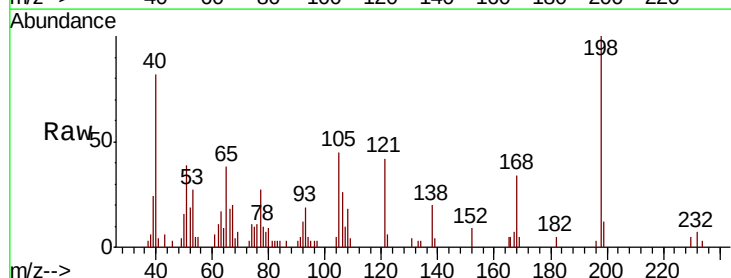
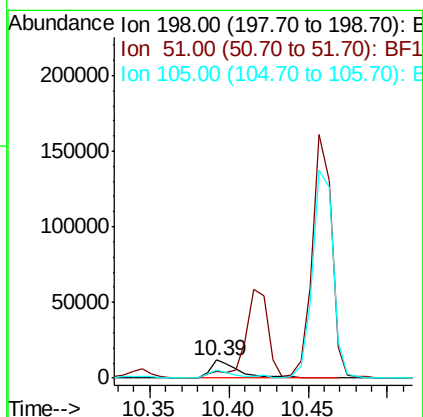
RT: 10.39 min Scan# 1412

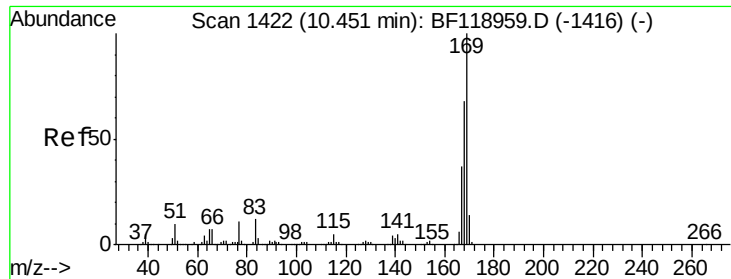
Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	198	Resp:	14957
Ion Ratio	Lower	Upper	
198	100		
51	39.1	14.2	54.2
105	45.0	22.7	62.7





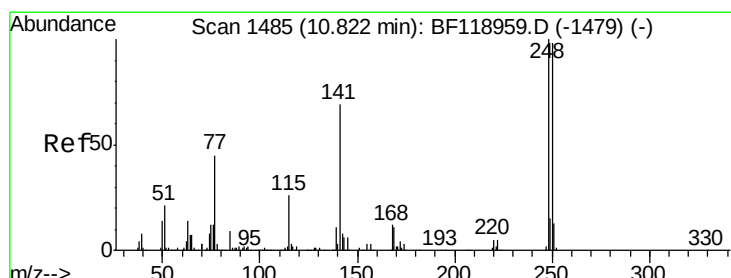
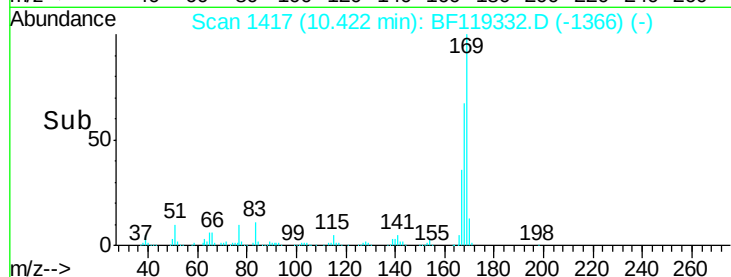
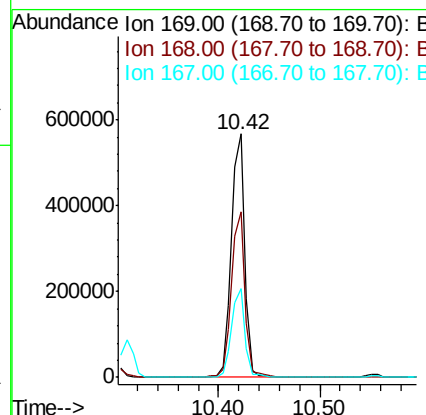
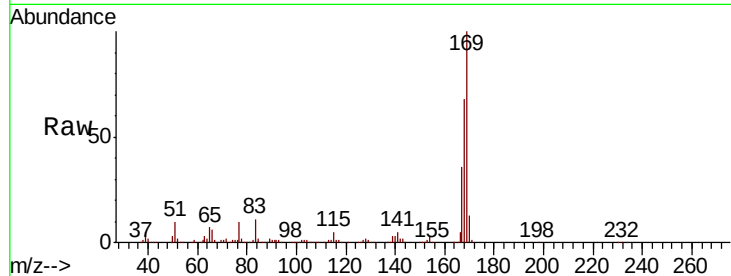
#66
 n-Nitrosodiphenylamine
 Concen: 52.102 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	520006		
168	68.0		54.1	81.1
167	36.4		29.4	44.0

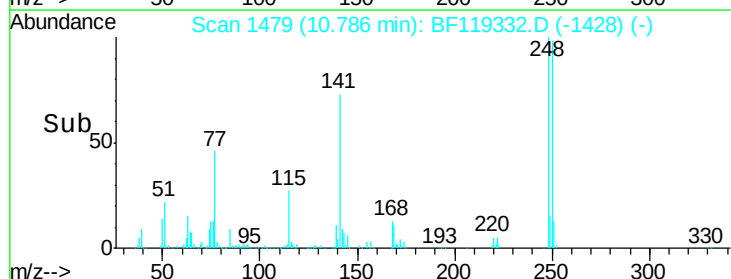
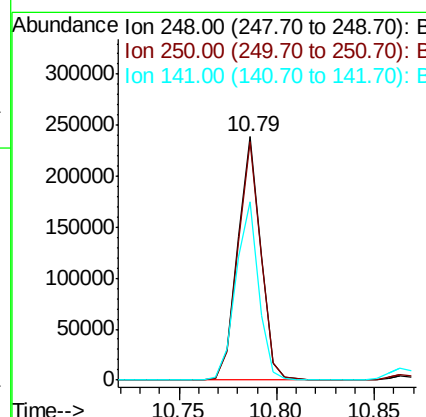
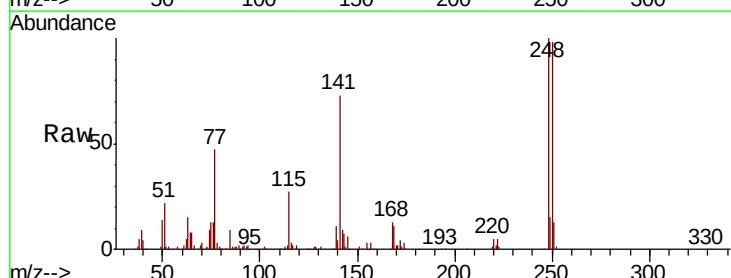
Manual Integrations
 APPROVED

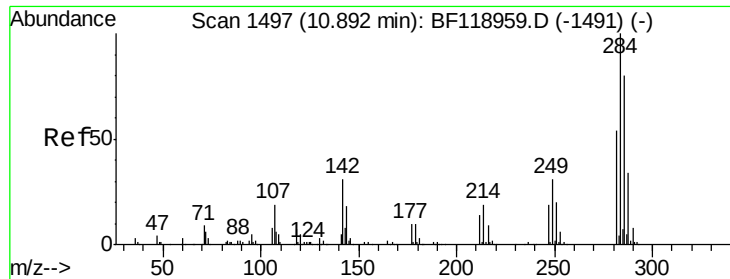
mohammad
 3/11/2020 4:58:39 PM



#67
 4-Bromophenyl-phenylether
 Concen: 49.125 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	195725		
250	98.2		76.7	115.1
141	73.3		60.7	91.1





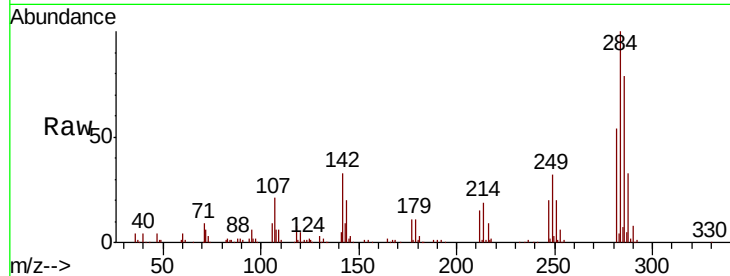
#68
Hexachlorobenzene
Concen: 46.144 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	211967		
142	32.9	23.7	35.5	
249	32.4	25.0	37.6	

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM

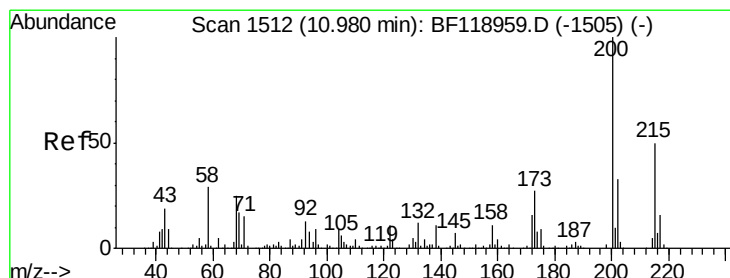
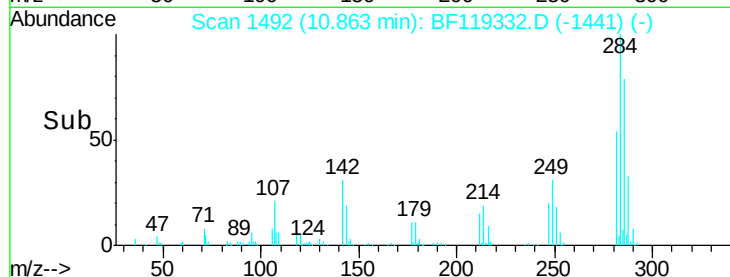
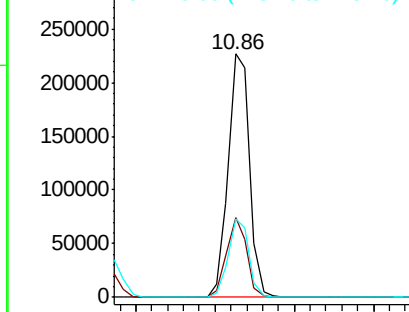


Abundance

Ion 283.80 (283.50 to 284.50): E

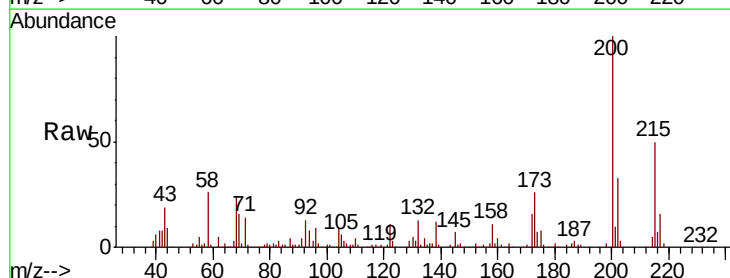
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69
Atrazine
Concen: 48.985 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	170817		
173	26.3	6.4	46.4	
215	50.0	27.4	67.4	

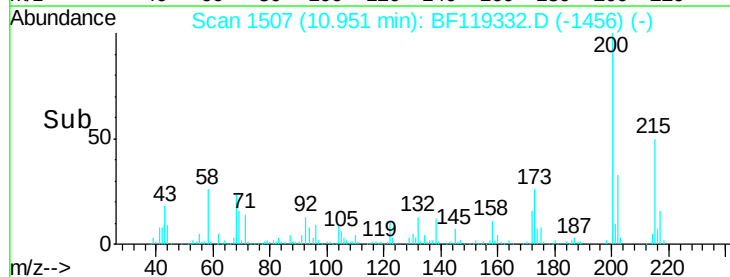
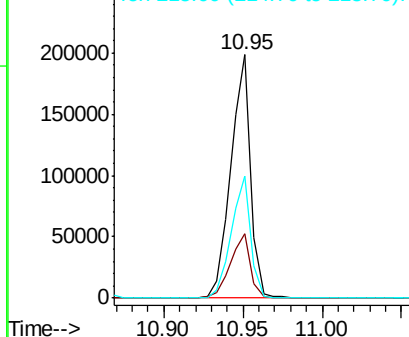


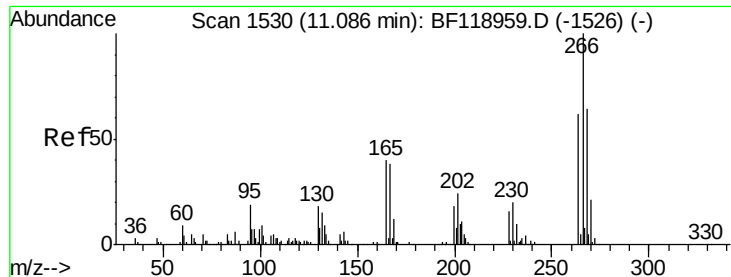
Abundance

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





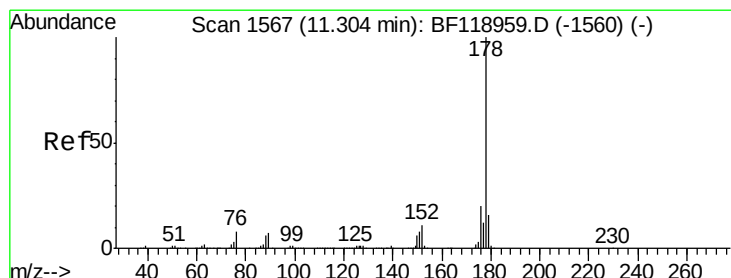
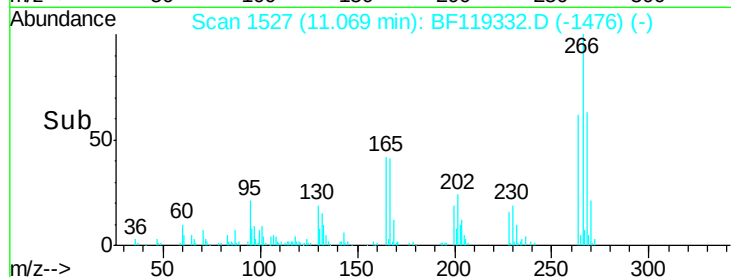
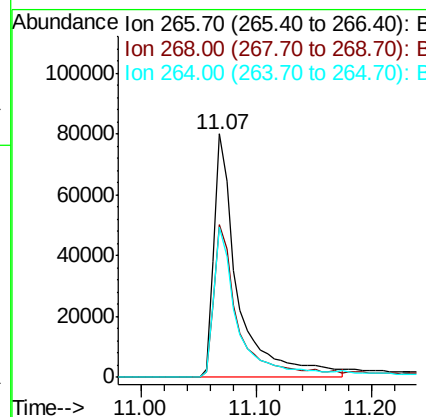
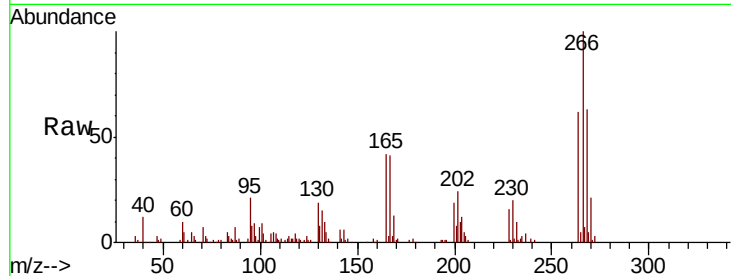
#70
 Pentachlorophenol
 Concen: 62.987 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	116553		
268	62.6	51.9	77.9	
264	61.7	51.0	76.4	

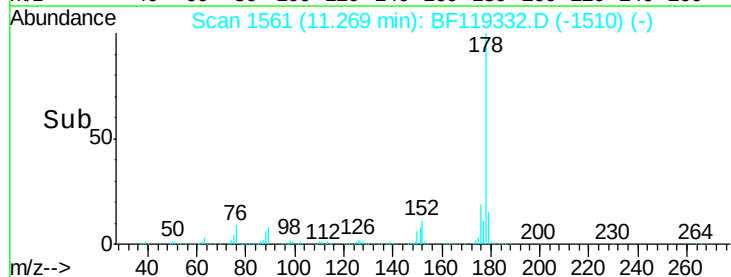
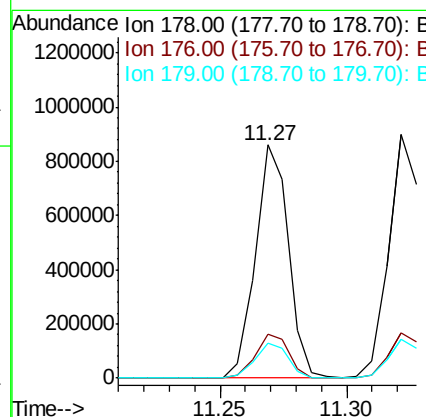
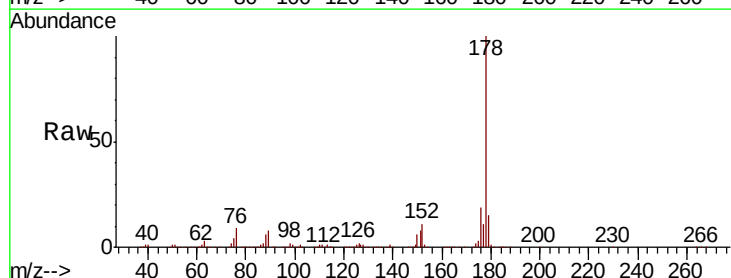
Manual Integrations
 APPROVED

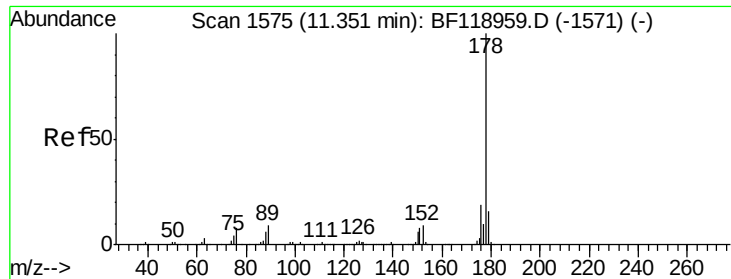
mohammad
 3/11/2020 4:58:39 PM



#71
 Phenanthrene
 Concen: 47.144 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	783664		
176	19.1	16.5	24.7	
179	15.3	13.0	19.6	





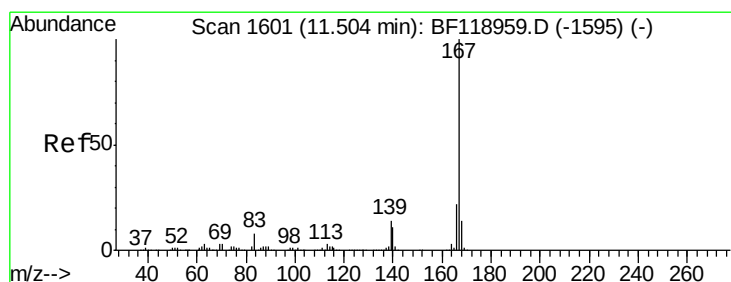
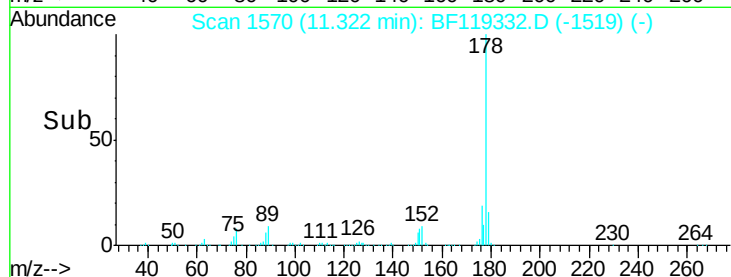
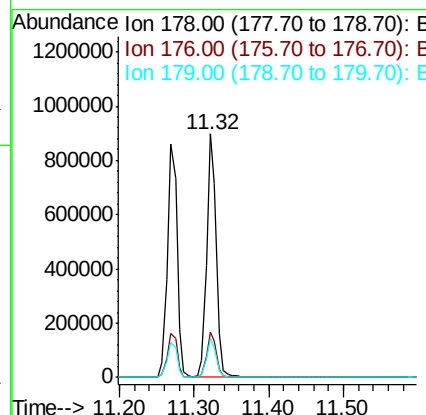
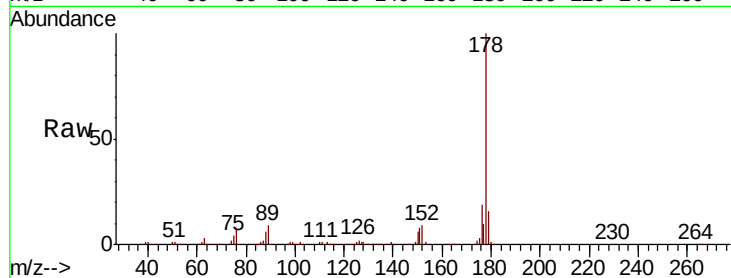
#72
 Anthracene
 Concen: 49.399 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	15.7	13.1	19.7

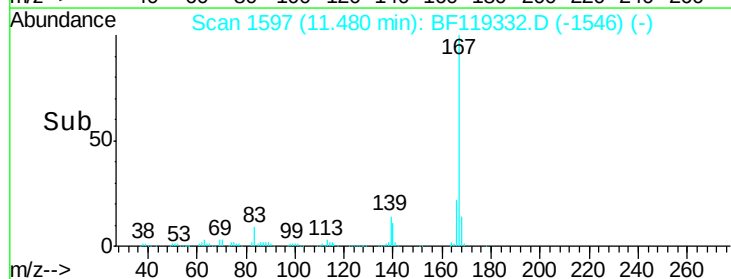
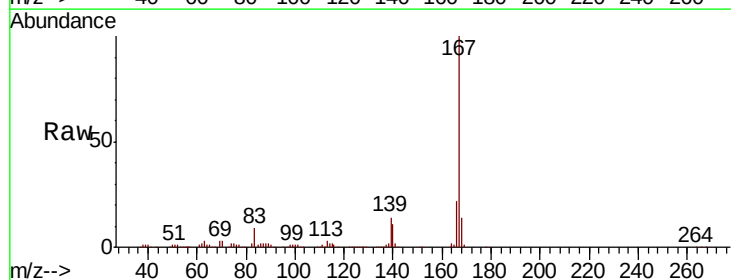
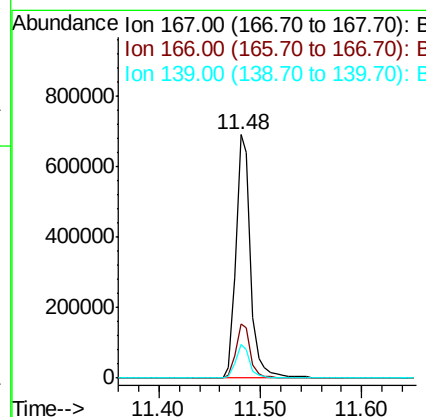
Manual Integrations
 APPROVED

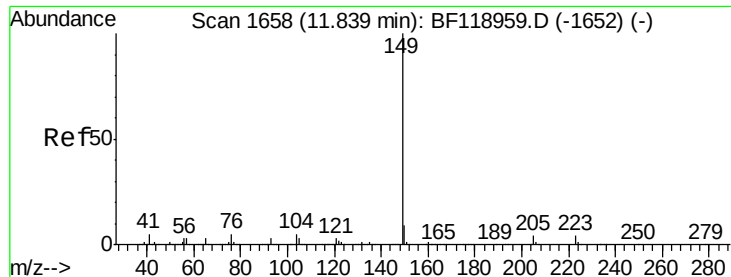
mohammad
 3/11/2020 4:58:39 PM



#73
 Carbazole
 Concen: 46.922 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	13.9	11.7	17.5





#74

Di-n-butylphthalate

Concen: 54.297 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

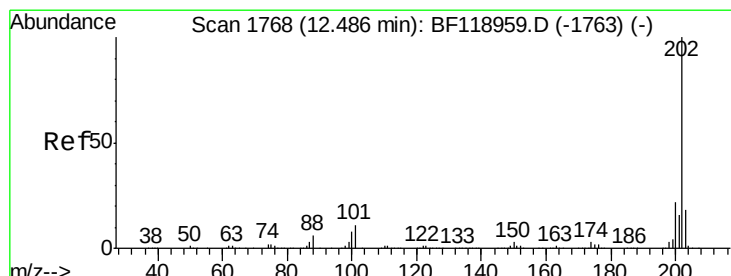
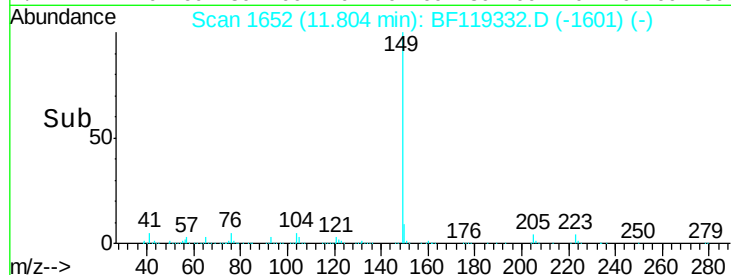
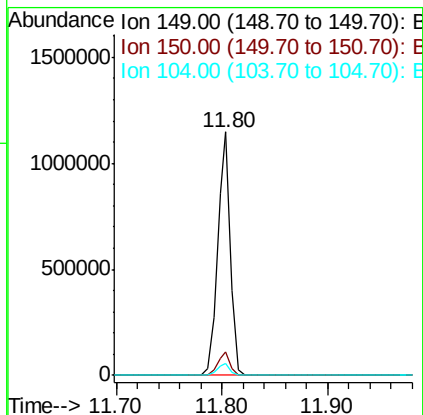
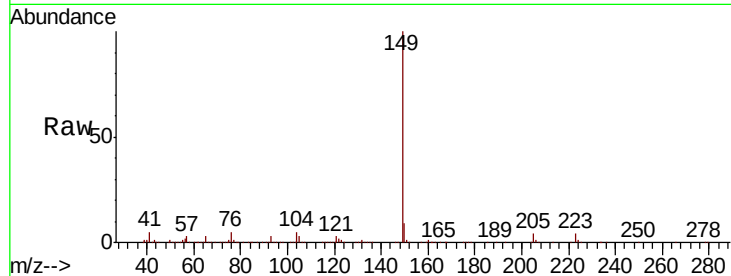
ClientSampleId :

PB127427BS

Tot Ion:	149	Resp:	972941
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.9	11.9
104	5.0	4.6	6.8

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#75

Fluoranthene

Concen: 47.174 ng

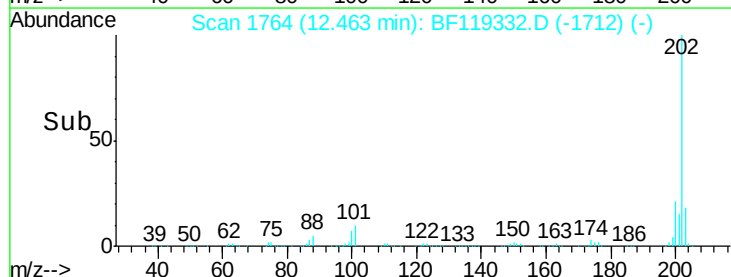
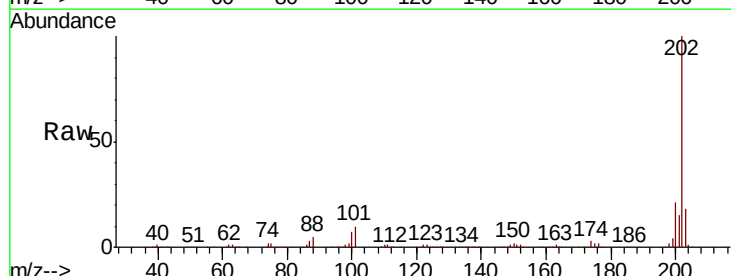
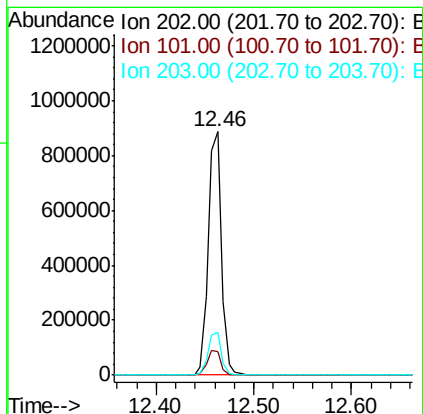
RT: 12.46 min Scan# 1764

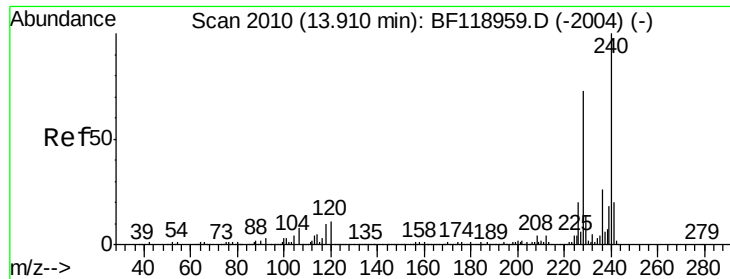
Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	202	Resp:	832367
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.3
203	17.7	0.0	38.4





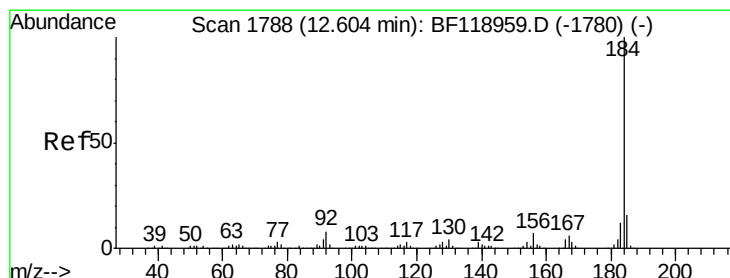
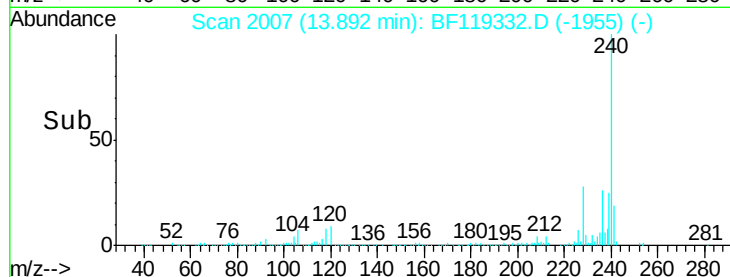
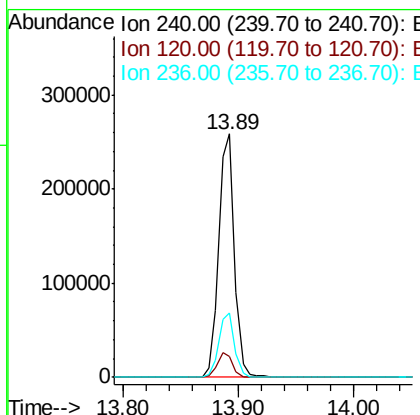
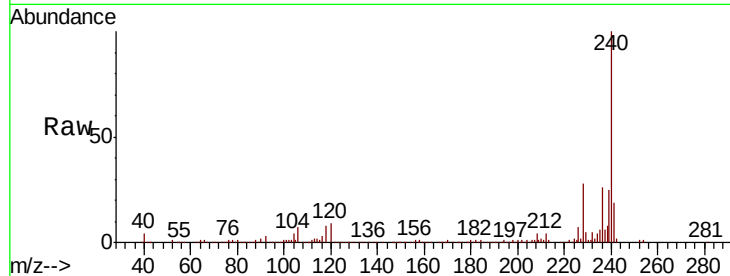
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.4	12.6
236	26.4	21.0	31.4

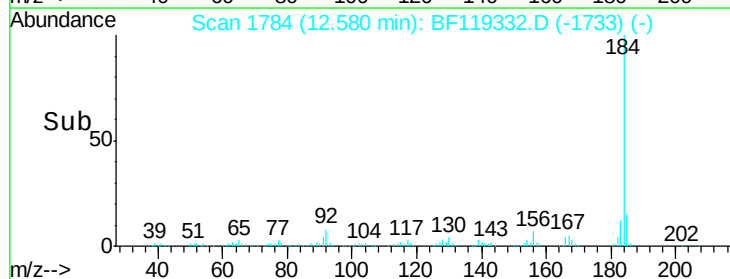
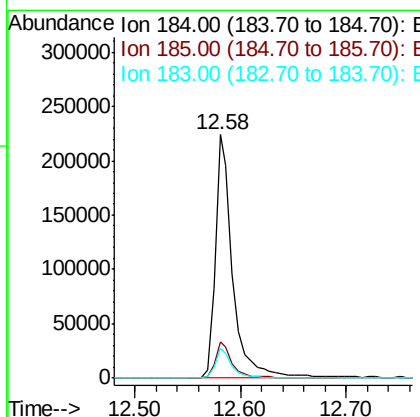
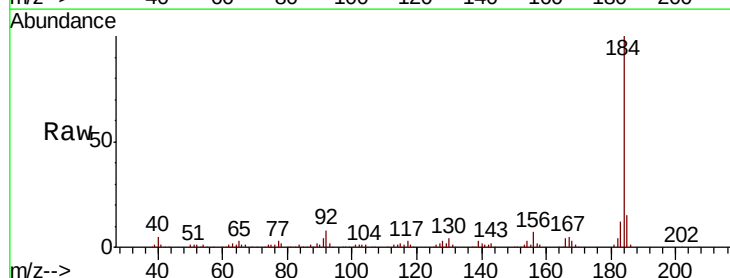
Manual Integrations
 APPROVED

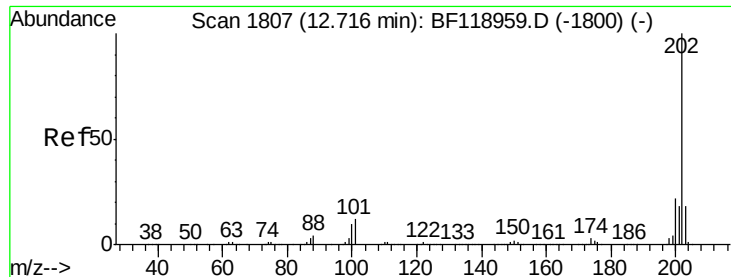
mohammad
 3/11/2020 4:58:39 PM



#77
 Benzidine
 Concen: 26.340 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.4
183	12.1	9.9	14.9





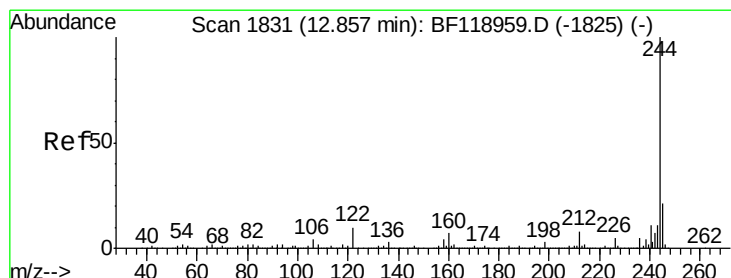
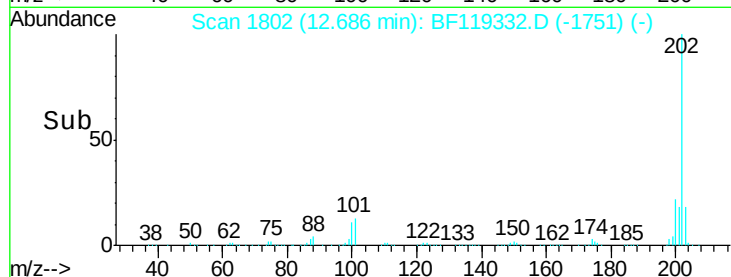
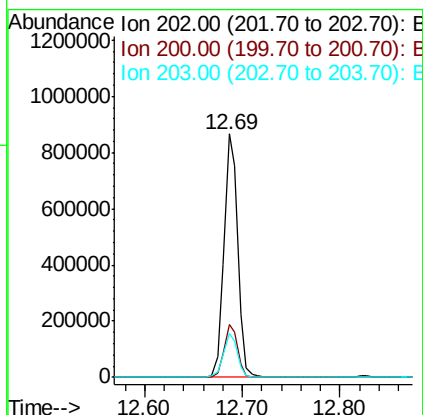
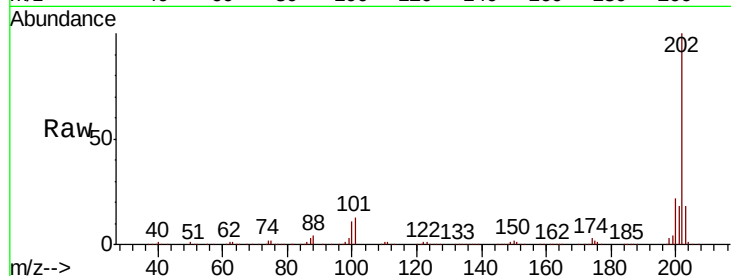
#78
Pvrene
Concen: 43.058 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.0	27.0
203	18.1	14.6	22.0

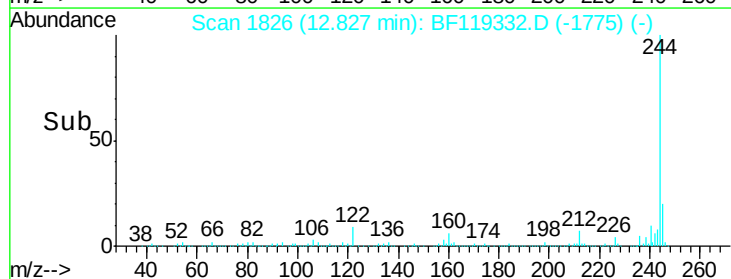
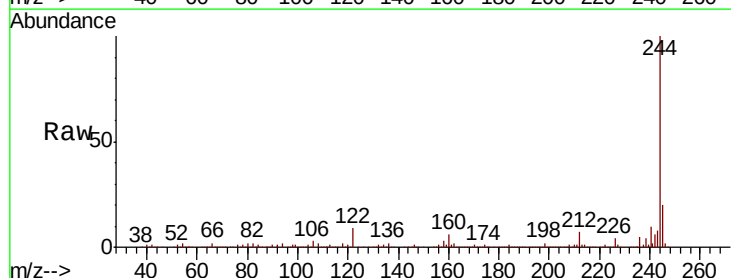
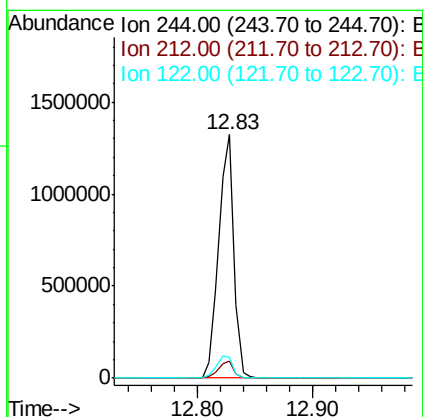
Manual Integrations
APPROVED

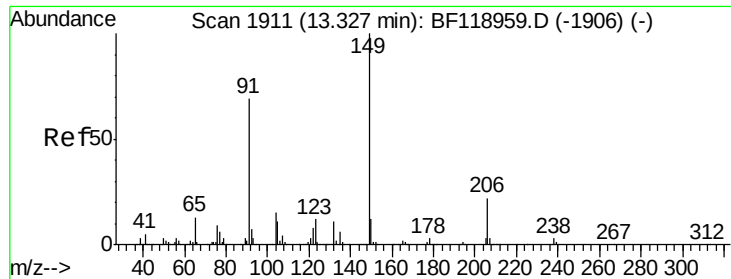
mohammad
3/11/2020 4:58:39 PM



#79
Terphenyl-d14
Concen: 85.627 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	10.0
122	8.8	8.2	12.2





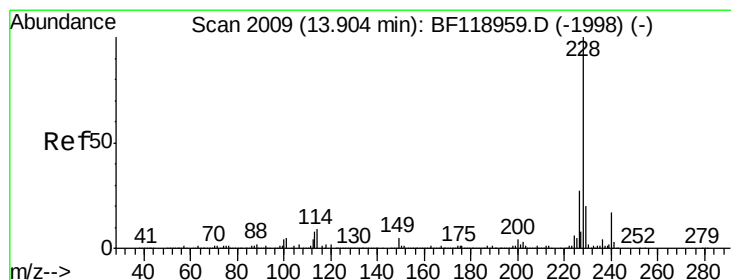
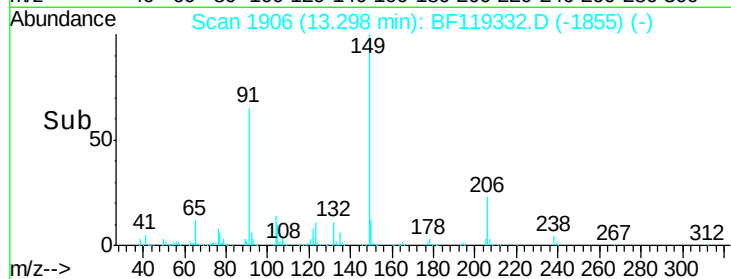
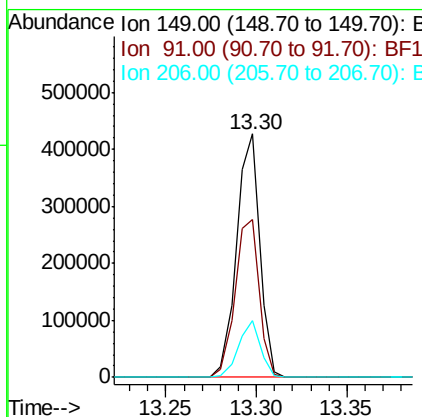
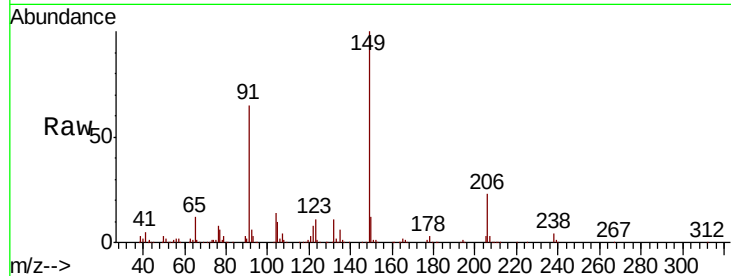
#80
Butylbenzylphthalate
Concen: 46.096 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.1	52.3	78.5
206	23.5	18.5	27.7

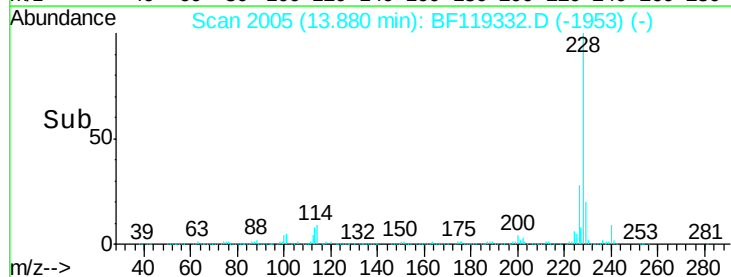
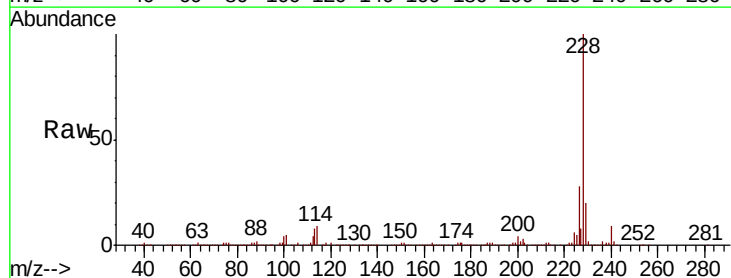
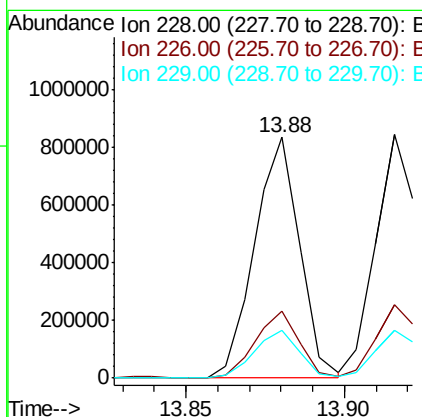
Manual Integrations
APPROVED

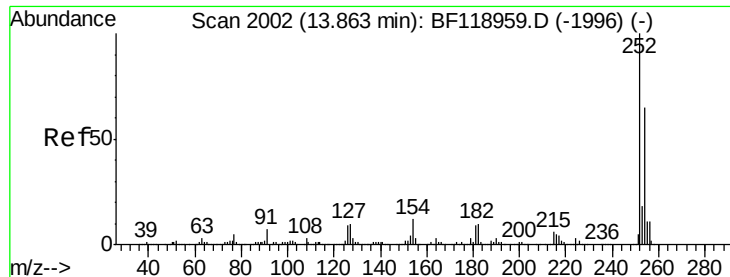
mohammad
3/11/2020 4:58:39 PM



#81
Benzo(a)anthracene
Concen: 49.431 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	16.6	24.8





#82

3,3'-Dichlorobenzidine

Concen: 46.619 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

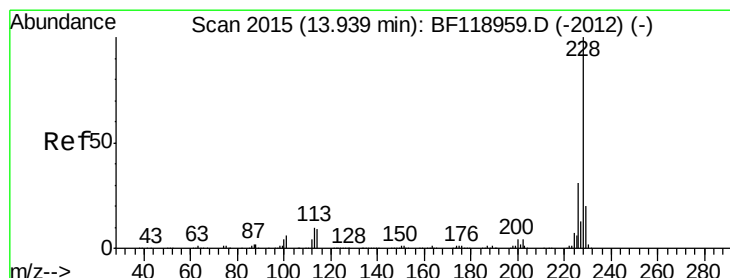
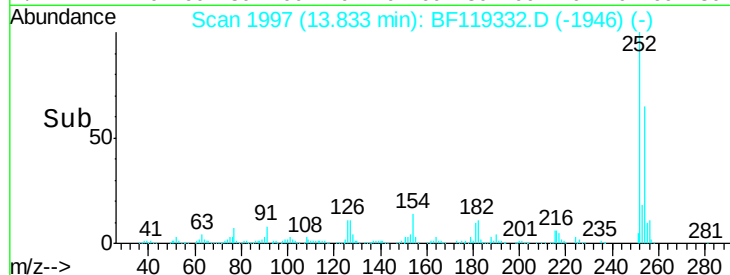
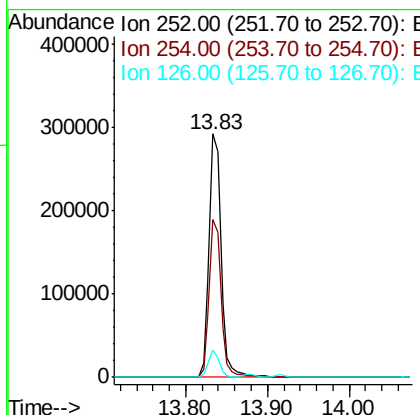
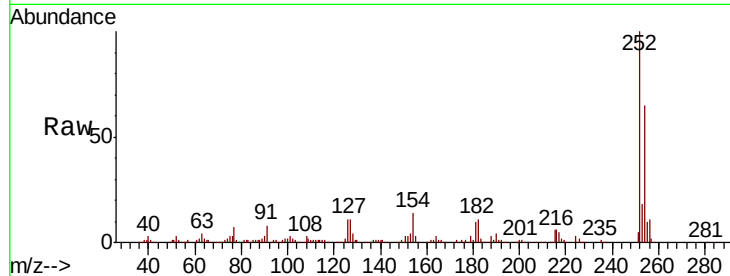
ClientSampleId :

PB127427BS

Tot Ion:	252	Resp:	300923
Ion Ratio		Lower	Upper
252	100		
254	64.8	51.6	77.4
126	11.3	7.4	11.0#

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#83

Chrysene

Concen: 46.455 ng

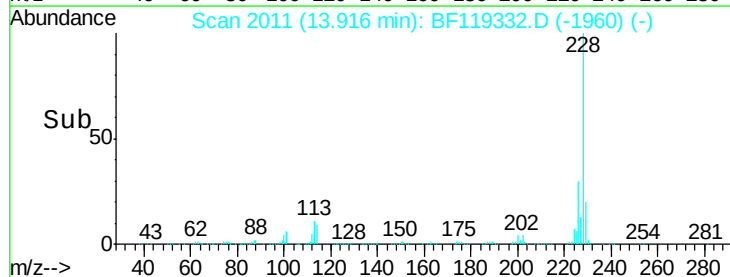
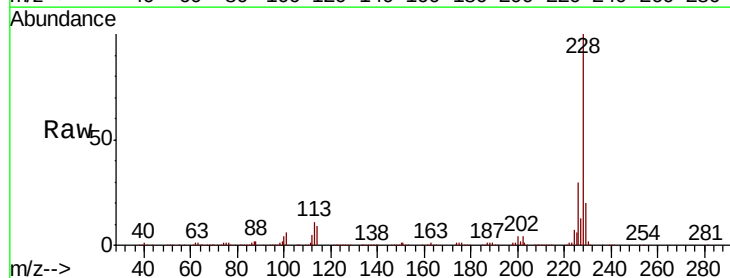
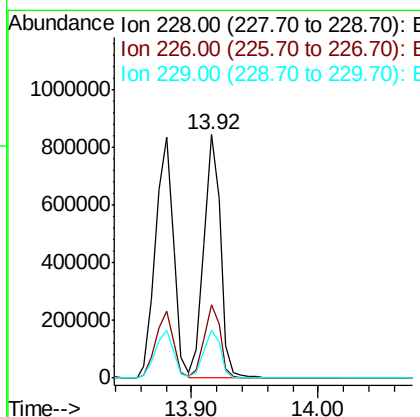
RT: 13.92 min Scan# 2011

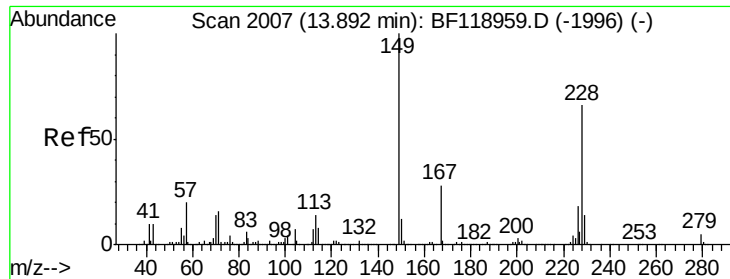
Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	228	Resp:	769476
Ion Ratio		Lower	Upper
228	100		
226	30.3	25.1	37.7
229	19.7	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 53.061 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

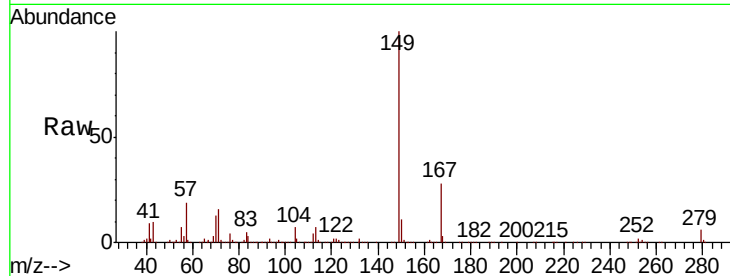
ClientSampleId :

PB127427BS

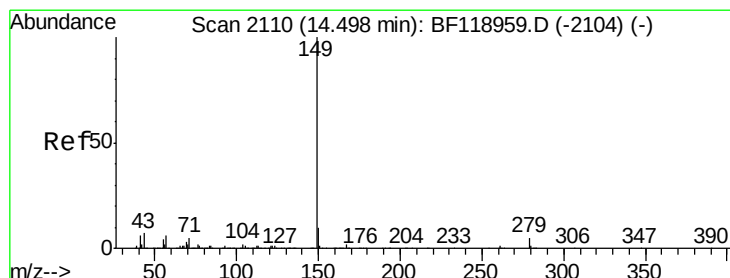
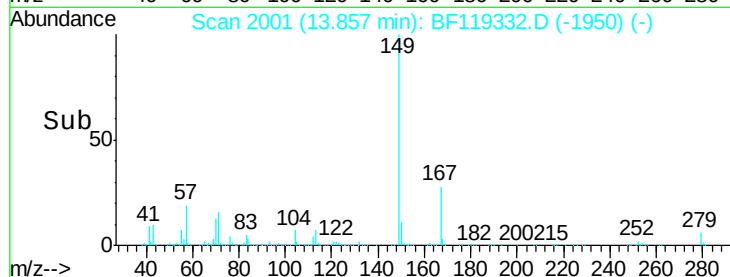
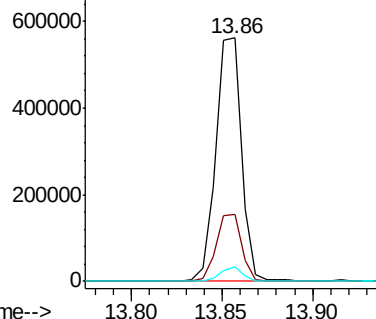
Tot Ion:	149	Resp:	552711
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.8	34.2
279	5.9	4.6	6.8

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 56.881 ng

RT: 14.46 min Scan# 2104

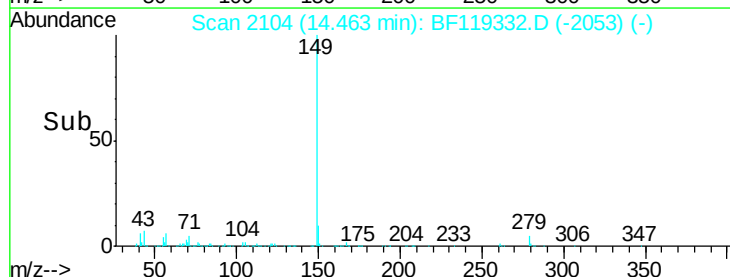
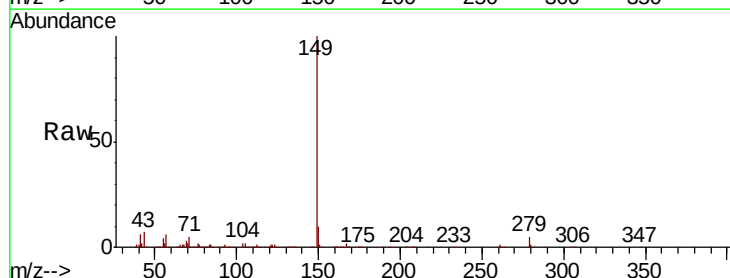
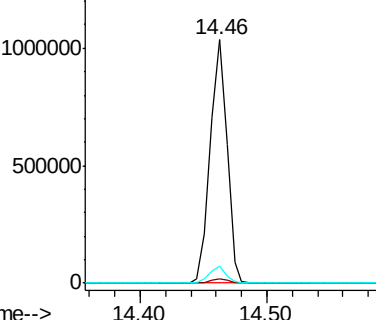
Delta R.T. 0.00 min

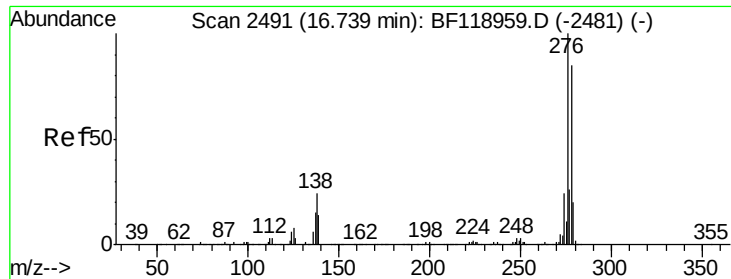
Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	149	Resp:	944043
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	6.6	5.7	8.5

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





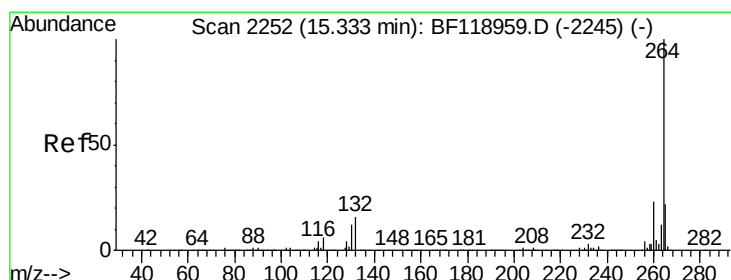
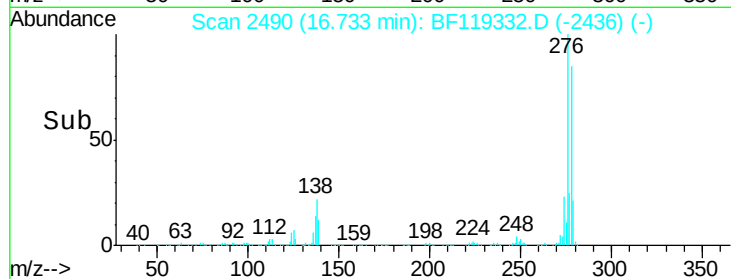
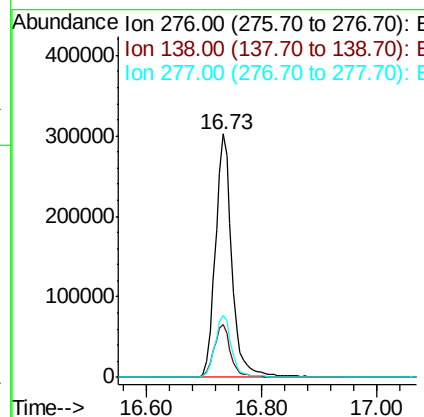
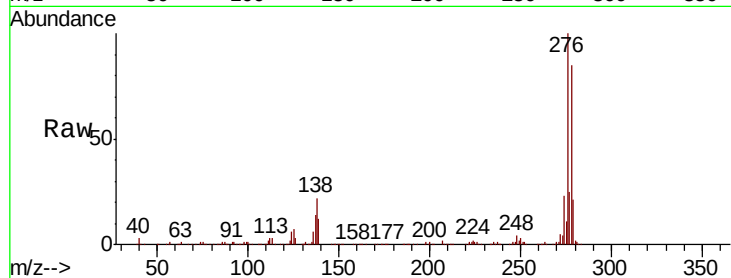
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 37.648 ng
 RT: 16.73 min Scan# 2490
 Delta R.T. 0.02 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.0
277	25.4	20.3	30.5

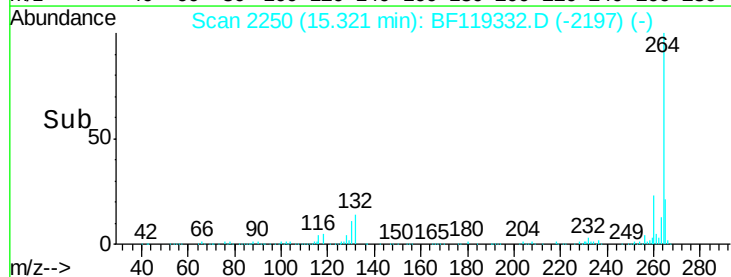
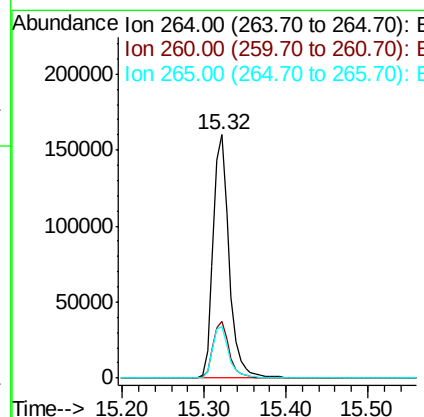
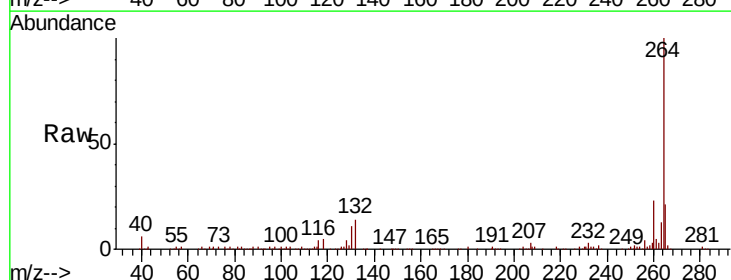
Manual Integrations
 APPROVED

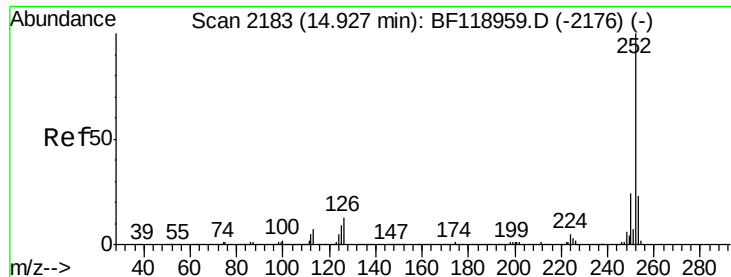
mohammad
 3/11/2020 4:58:39 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.1	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 51.633 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

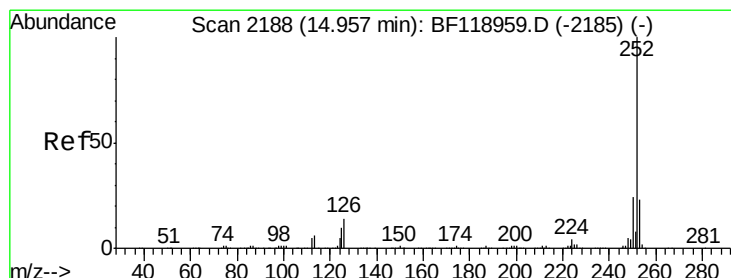
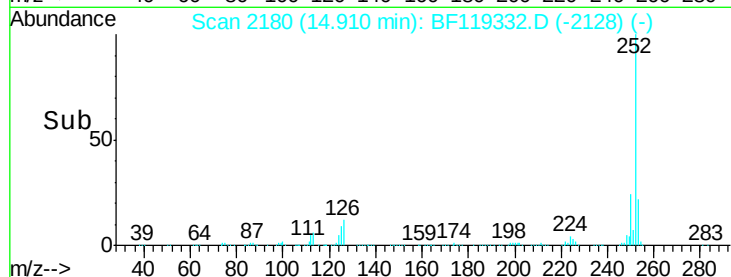
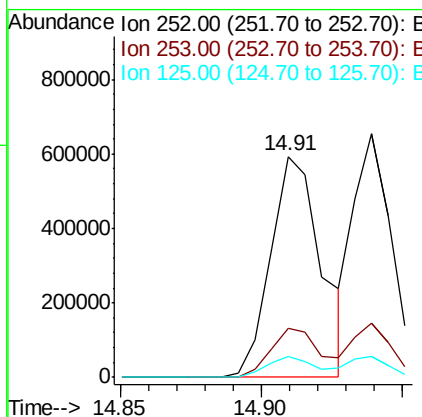
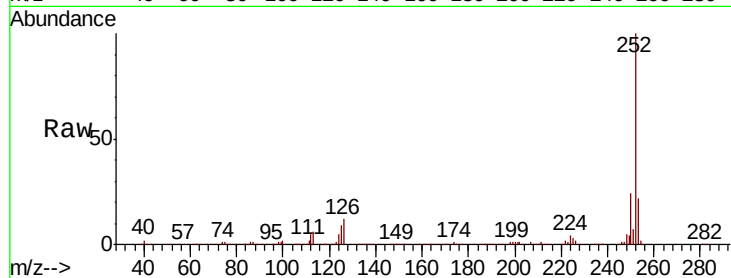
ClientSampleId :

PB127427BS

Tot Ion:	252	Resp:	742076
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	9.4	7.4	11.0

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:39 PM



#89

Benzo(k)fluoranthene

Concen: 47.849 ng

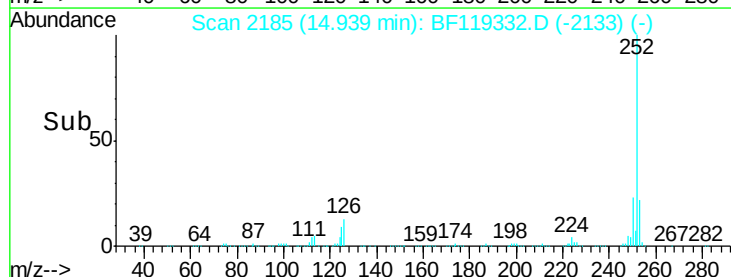
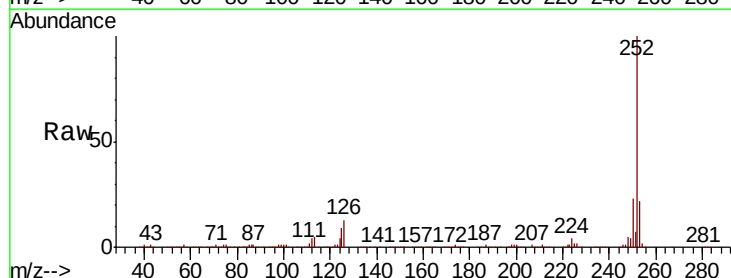
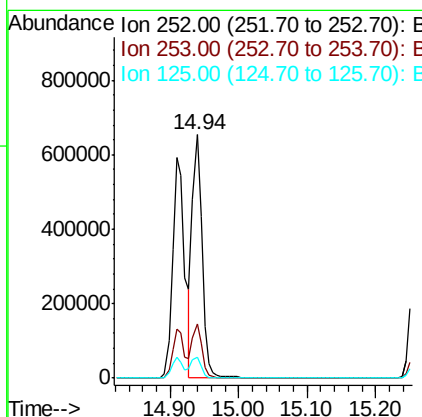
RT: 14.94 min Scan# 2185

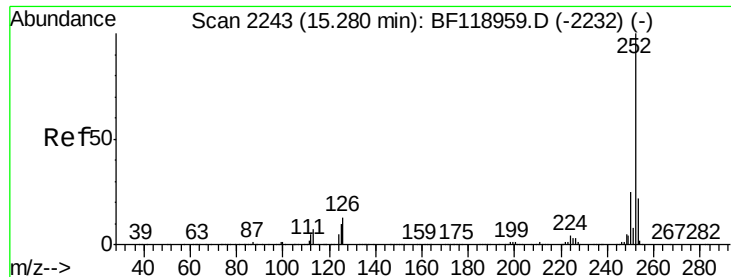
Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:	252	Resp:	637288
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	8.7	7.5	11.3





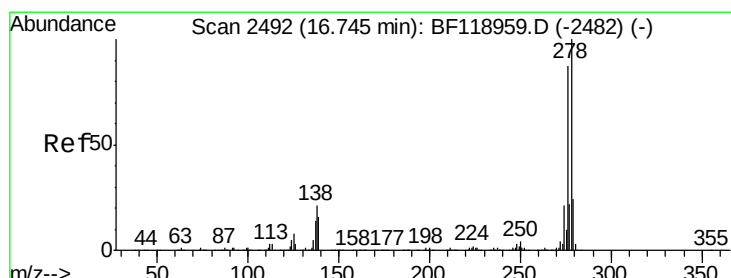
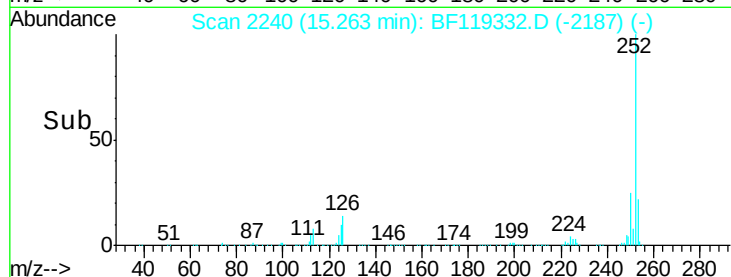
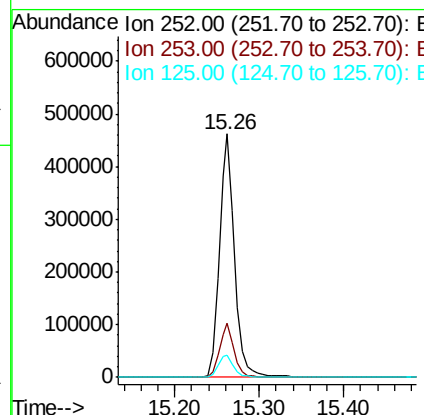
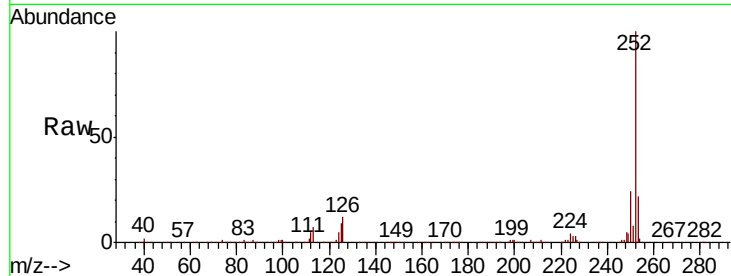
#90
Benzo(a)pyrene
Concen: 44.825 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
PB127427BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.2	8.6	12.8

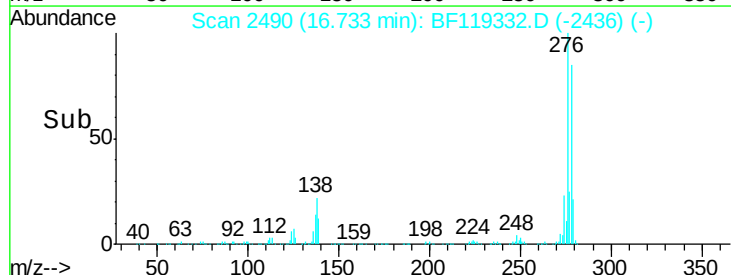
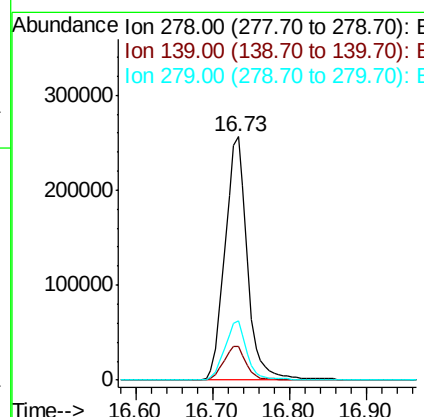
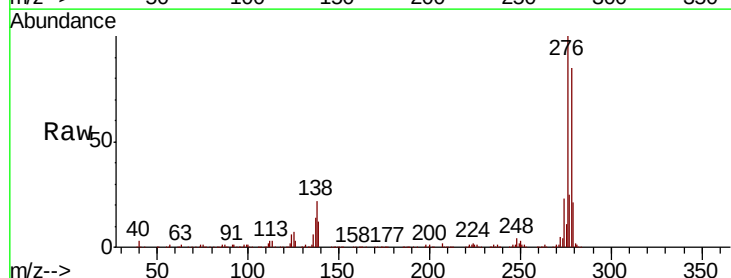
Manual Integrations
APPROVED

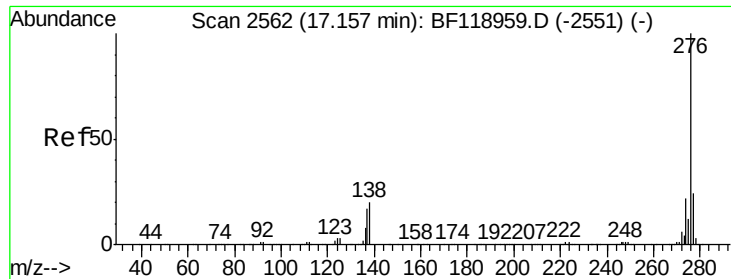
mohammad
3/11/2020 4:58:39 PM



#91
Dibenzo(a,h)anthracene
Concen: 45.456 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.0	16.4
279	24.4	18.6	28.0





#92
 Benzo(a,h,i)perylene
 Concen: 44.051 ng
 RT: 17.16 min Scan# 2562
 Delta R.T. 0.02 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.8	18.7	28.1	
138	19.0	14.3	21.5	

Manual Integrations
 APPROVED

mohammad
 3/11/2020 4:58:39 PM

