

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120161.D
 Acq On : 23 Apr 2020 14:16
 Operator : MA/SJ
 Sample : PB128435BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

Manual Integrations
 APPROVED

mohammad
 4/24/2020 1:33:59 PM

Quant Time: Apr 23 14:55:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	140326	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	553796	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	293066	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	560674	20.00	ng	0.00
76) Chrysene-d12	13.83	240	407578	20.00	ng	0.00
87) Perylene-d12	15.23	264	355552	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	929890	114.52	ng	0.01
7) Phenol-d6	6.31	99	1184411	113.20	ng	0.00
23) Nitrobenzene-d5	7.23	82	722803	67.52	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	332540	92.68	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1479346	71.67	ng	0.00
79) Terphenyl-d14	12.77	244	1669671	68.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	119500	33.042	ng	99
3) Pyridine	3.01	79	335444	33.806	ng	93
4) n-Nitrosodimethylamine	2.96	42	189412	37.361	ng	97
6) Aniline	6.33	93	522195	38.026	ng	# 76
8) 2-Chlorophenol	6.45	128	376871	41.540	ng	96
9) Benzaldehyde	6.21	77	144289	20.343	ng	98
10) Phenol	6.32	94	479483	40.395	ng	# 67
11) bis(2-Chloroethyl)ether	6.40	93	352417	38.452	ng	100
12) 1,3-Dichlorobenzene	6.60	146	380557	38.314	ng	98
13) 1,4-Dichlorobenzene	6.68	146	381374	37.693	ng	98
14) 1,2-Dichlorobenzene	6.83	146	361268	38.744	ng	99
15) Benzyl Alcohol	6.82	79	308661	37.982	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	619163	34.717	ng	96
17) 2-Methylphenol	6.93	107	301805	37.276	ng	97
18) Hexachloroethane	7.17	117	144419	38.193	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	259178	38.522	ng	99
20) 3+4-Methylphenols	7.09	107	383669	38.746	ng	93
22) Acetophenone	7.08	105	504125	38.874	ng	# 91
24) Nitrobenzene	7.25	77	391558	36.361	ng	99
25) Isophorone	7.49	82	735400	35.637	ng	99
26) 2-Nitrophenol	7.57	139	203361	37.799	ng	91
27) 2,4-Dimethylphenol	7.62	122	329063	40.555	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	466455	38.414	ng	99
29) 2,4-Dichlorophenol	7.81	162	318367	38.279	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	337823	35.847	ng	99
31) Naphthalene	7.97	128	1089463	37.391	ng	97
32) Benzoic acid	7.75	122	221705	31.111	ng	96
33) 4-Chloroaniline	8.02	127	434499	34.255	ng	99
34) Hexachlorobutadiene	8.09	225	192793	34.176	ng	97
35) Caprolactam	8.40	113	95465m	37.523	ng	
36) 4-Chloro-3-methylphenol	8.52	107	350327	38.905	ng	98
37) 2-Methylnaphthalene	8.66	142	744434	37.685	ng	98
38) 1-Methylnaphthalene	8.76	142	704104	37.817	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	332800	35.954	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120161.D
 Acq On : 23 Apr 2020 14:16
 Operator : MA/SJ
 Sample : PB128435BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

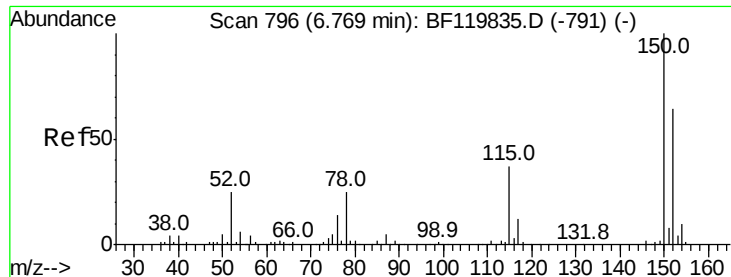
Manual Integrations
 APPROVED

mohammad
 4/24/2020 1:33:59 PM

Quant Time: Apr 23 14:55:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	345567	65.654	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	231118	36.158	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	250085	34.738	nq	98
46) 1,1'-Biphenyl	9.13	154	903335	36.518	nq	99
47) 2-Chloronaphthalene	9.15	162	706879	37.095	nq	99
48) 2-Nitroaniline	9.25	65	245498	35.551	nq	98
49) Acenaphthylene	9.57	152	1108790	38.261	nq	99
50) Dimethylphthalate	9.44	163	834774	36.826	nq	99
51) 2,6-Dinitrotoluene	9.50	165	183740	37.015	nq	96
52) Acenaphthene	9.74	154	664626	34.380	nq	98
53) 3-Nitroaniline	9.66	138	189257	33.383	nq	99
54) 2,4-Dinitrophenol	9.77	184	198998	66.959	nq	# 87
55) Dibenzofuran	9.91	168	1008068	38.000	nq	100
56) 4-Nitrophenol	9.84	139	288665	68.432	nq	99
57) 2,4-Dinitrotoluene	9.90	165	243720	37.266	nq	95
58) Fluorene	10.25	166	792893	37.373	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	209170	37.989	nq	98
60) Diethylphthalate	10.14	149	861190	36.656	nq	100
61) 4-Chlorophenyl-phenylether	10.25	204	380504	34.993	nq	97
62) 4-Nitroaniline	10.28	138	207633	38.430	nq	100
63) Azobenzene	10.41	77	815902	38.751	nq	97
65) 4,6-Dinitro-2-methylphenol	10.31	198	138702	37.550	nq	83
66) n-Nitrosodiphenylamine	10.37	169	718736	38.545	nq	98
67) 4-Bromophenyl-phenylether	10.73	248	236305	33.891	nq	95
68) Hexachlorobenzene	10.80	284	254832	36.027	nq	98
69) Atrazine	10.90	200	220270	42.457	nq	98
70) Pentachlorophenol	11.00	266	248687	61.009	nq	99
71) Phenanthrene	11.22	178	1145635	38.393	nq	98
72) Anthracene	11.26	178	1198817	39.327	nq	98
73) Carbazole	11.42	167	1081637	37.522	nq	98
74) Di-n-butylphthalate	11.76	149	1413199	37.292	nq	99
75) Fluoranthene	12.40	202	1253000	38.917	nq	99
77) Benzidine	12.53	184	870539	63.186	nq	98
78) Pyrene	12.63	202	1261368	36.711	nq	98
80) Butylbenzylphthalate	13.25	149	577612	34.645	nq	95
81) Benzo(a)anthracene	13.82	228	1023684	38.179	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	336430	33.628	nq	99
83) Chrysene	13.86	228	1056469	38.777	nq	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	797130	35.306	nq	100
85) Di-n-octyl phthalate	14.43	149	1384953	36.026	nq	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	881910	36.722	nq	100
88) Benzo(b)fluoranthene	14.83	252	950819	37.174	nq	99
89) Benzo(k)fluoranthene	14.86	252	937040	42.460	nq	99
90) Benzo(a)pyrene	15.17	252	807974	37.570	nq	98
91) Dibenzo(a,h)anthracene	16.59	278	737263	38.703	nq	99
92) Benzo(g,h,i)perylene	16.99	276	700811	37.270	nq	98

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



#1

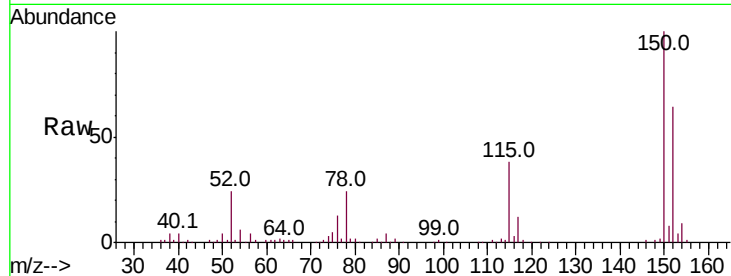
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

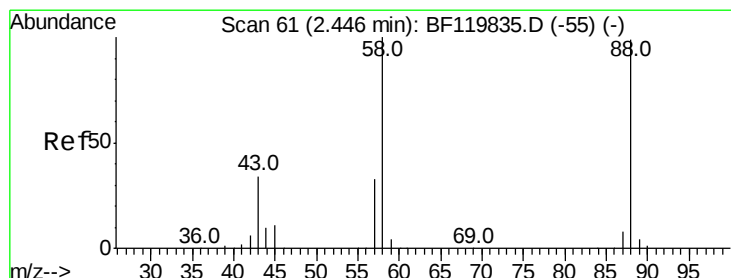
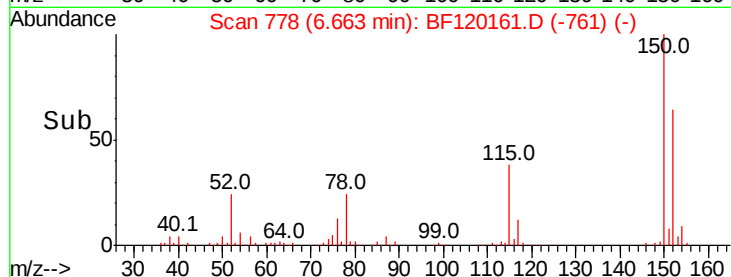
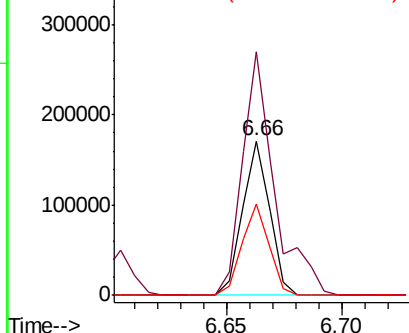
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.5	186.7
115	59.1	49.6	74.4

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



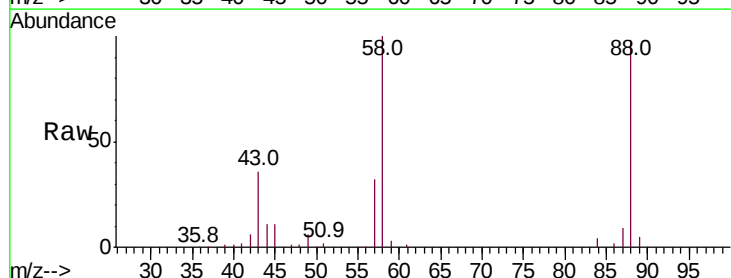
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



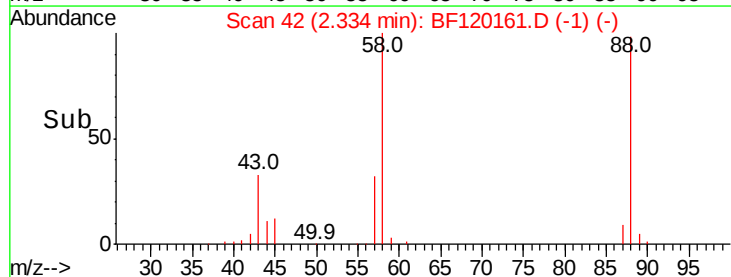
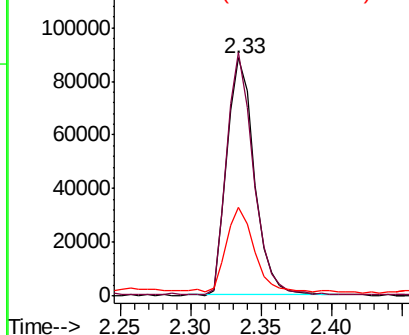
#2

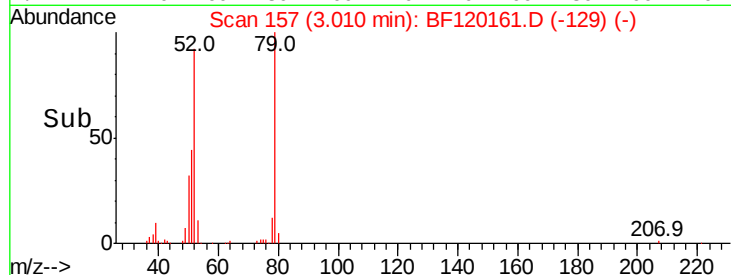
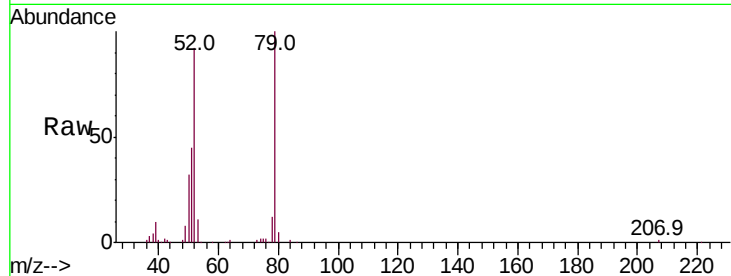
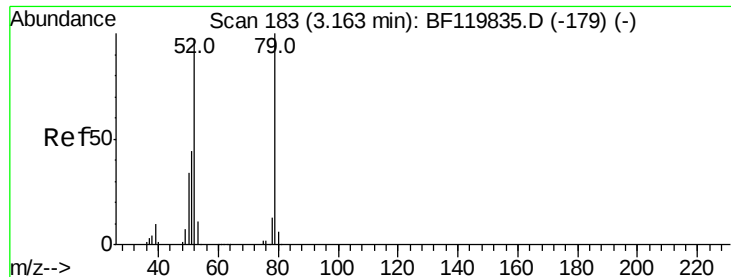
1,4-Dioxane
Concen: 33.042 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.06 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.5	80.6	121.0
43	35.4	27.5	41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





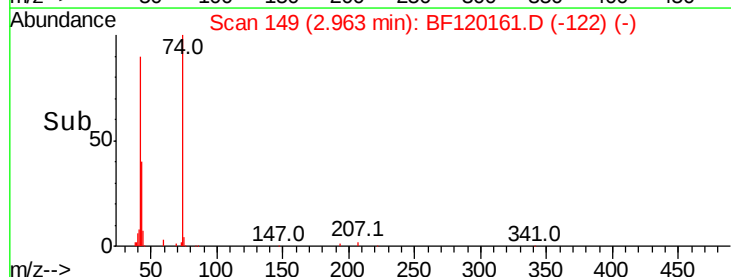
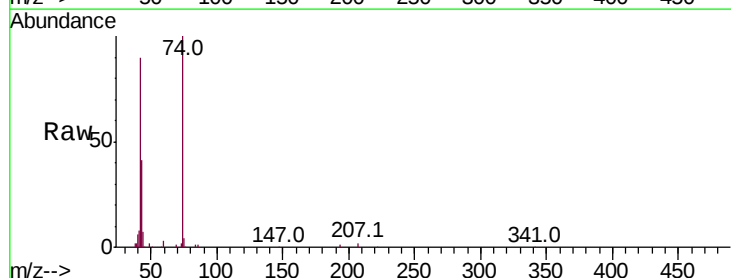
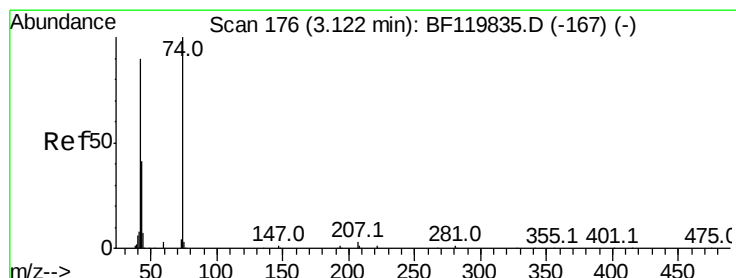
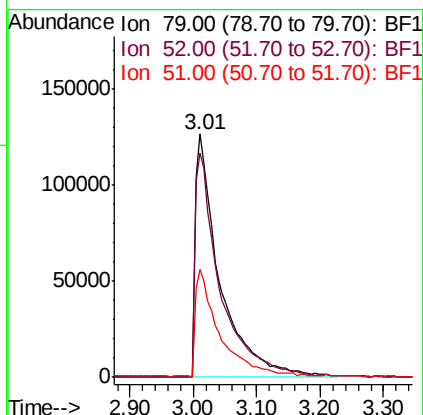
#3
Pvridine
Concen: 33.806 ng
RT: 3.01 min Scan# 157
Delta R.T. 0.06 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.0	80.2	120.2
51	44.6	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
PB128435BS

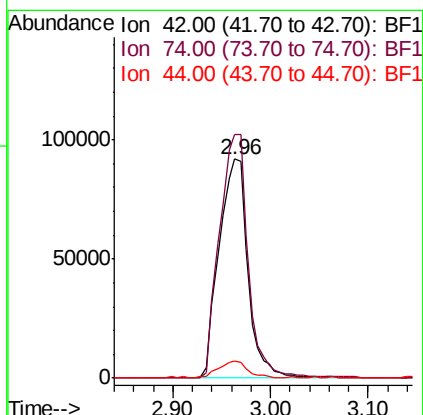
Manual Integrations
APPROVED

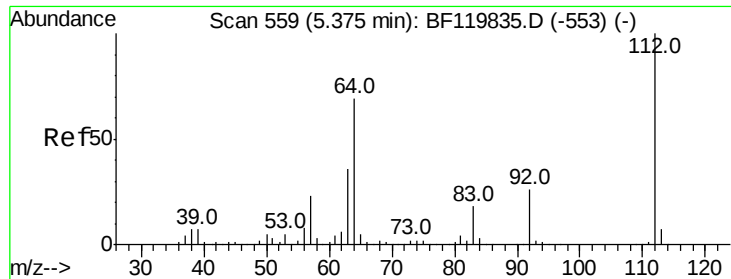
mohammad
4/24/2020 1:33:59 PM



#4
n-Nitrosodimethylamine
Concen: 37.361 ng
RT: 2.96 min Scan# 149
Delta R.T. 0.06 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.2	91.5	137.3
44	8.1	6.2	9.4





#5

2-Fluorophenol

Concen: 114.521 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

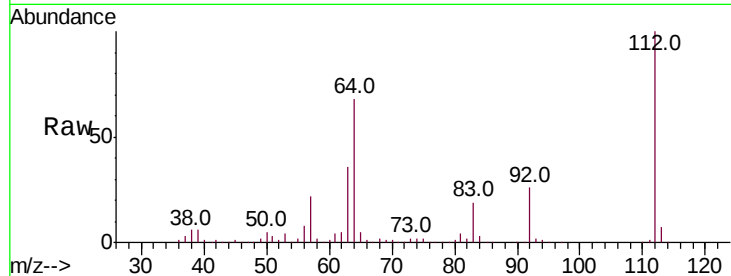
ClientSampleId :

PB128435BS

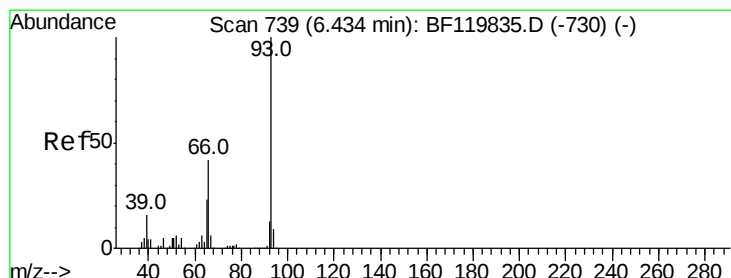
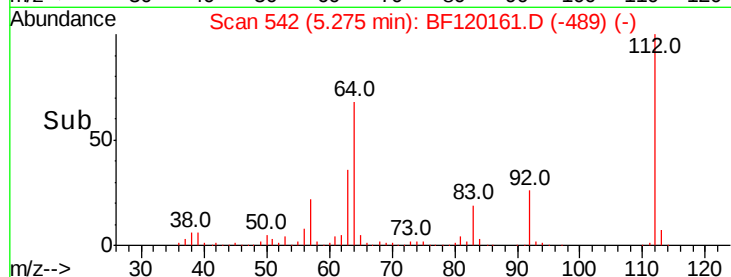
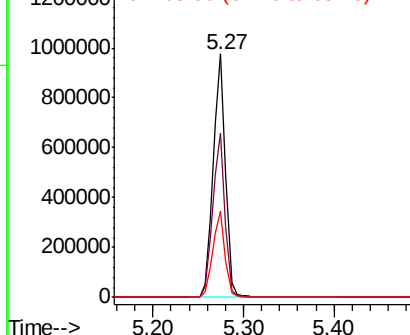
Tot Ion:	112	Resp:	929890
Ion Ratio	Lower	Upper	
112	100		
64	67.6	56.7	85.1
63	35.7	29.5	44.3

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



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



#6

Aniline

Concen: 38.026 ng

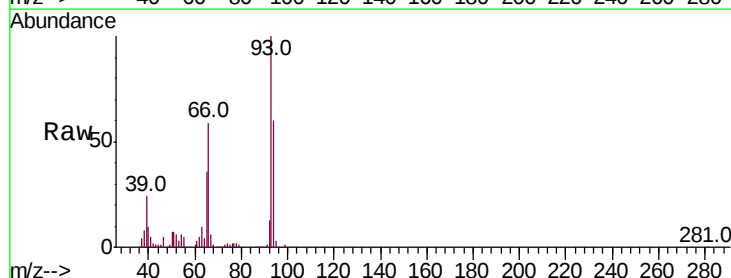
RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

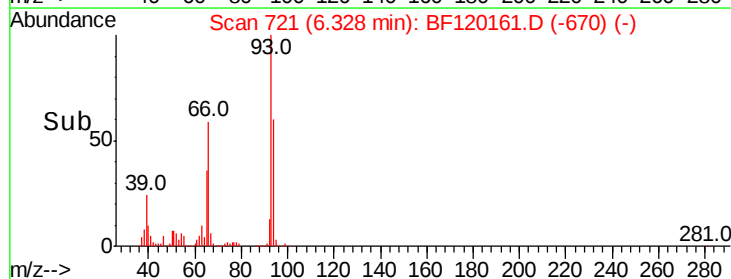
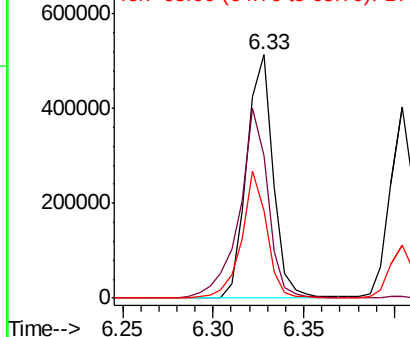
Lab File: BF120161.D

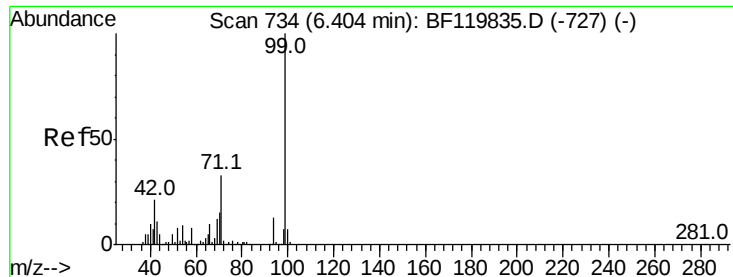
Acq: 23 Apr 2020 14:16

Tgt Ion:	93	Resp:	522195
Ion Ratio	Lower	Upper	
93	100		
66	58.6	34.9	52.3#
65	36.1	18.6	27.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.202 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128435BS

Tot Ion: 99 Resp: 1184411

Ion Ratio Lower Upper

99 100

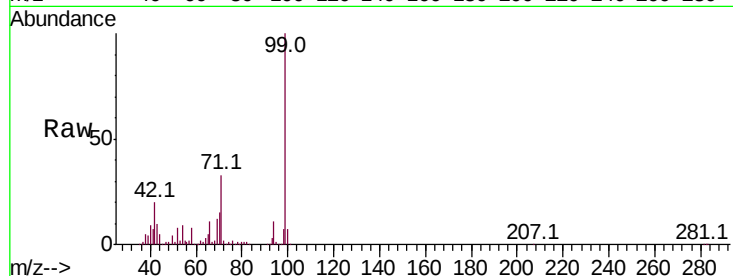
42 20.0 16.6 24.8

71 32.8 26.4 39.6

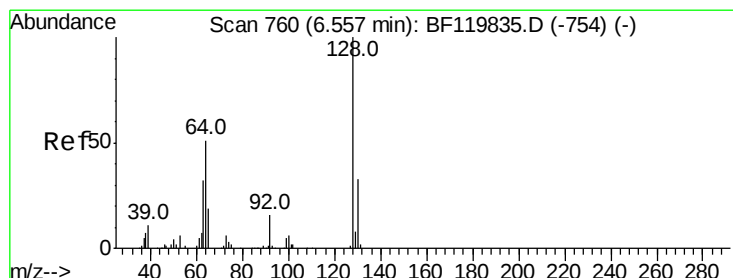
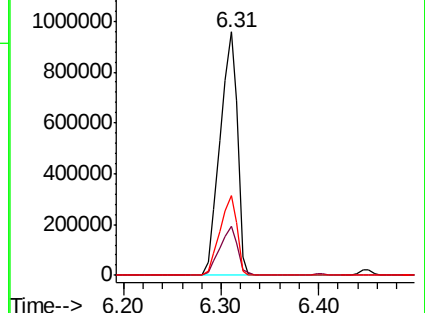
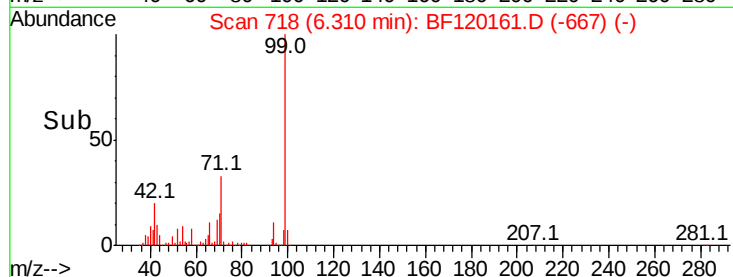
Manual Integrations
APPROVED

mohammad

4/24/2020 1:33:59 PM



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



#8

2-Chlorophenol

Concen: 41.540 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

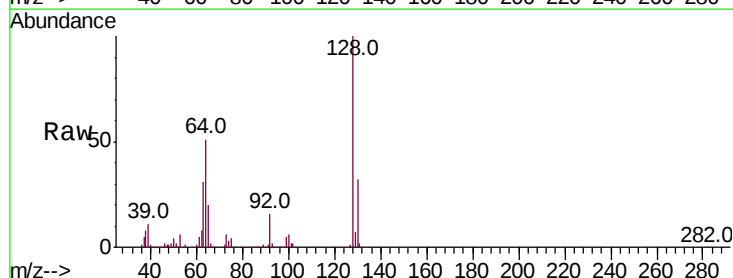
Tgt Ion: 128 Resp: 376871

Ion Ratio Lower Upper

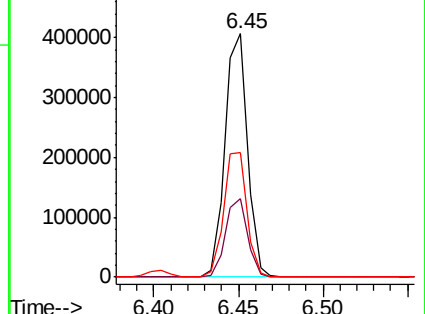
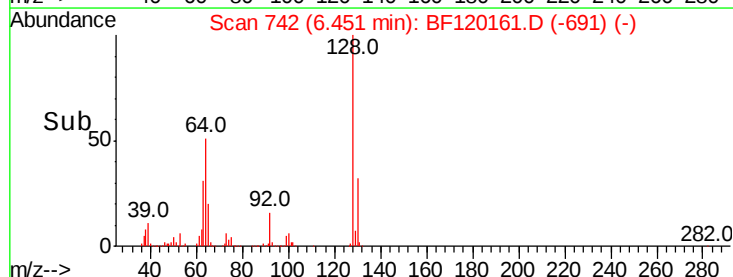
128 100

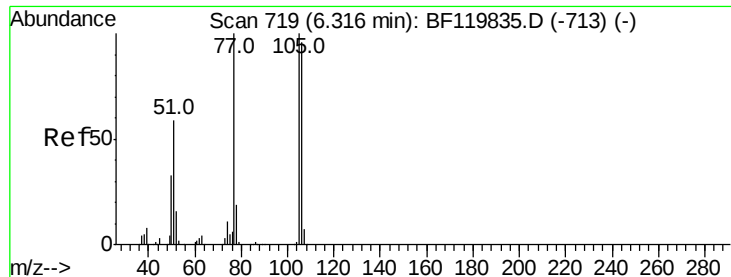
130 32.0 12.6 52.6

64 51.2 35.3 75.3



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





#9

Benzaldehyde

Concen: 20.343 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

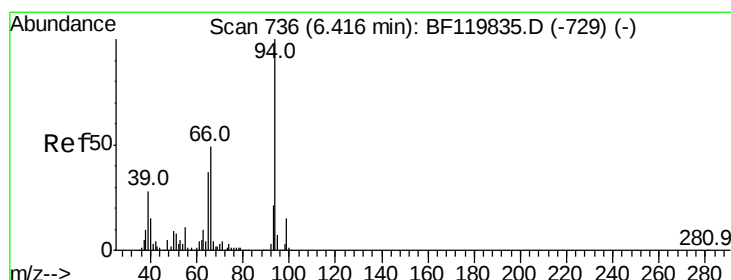
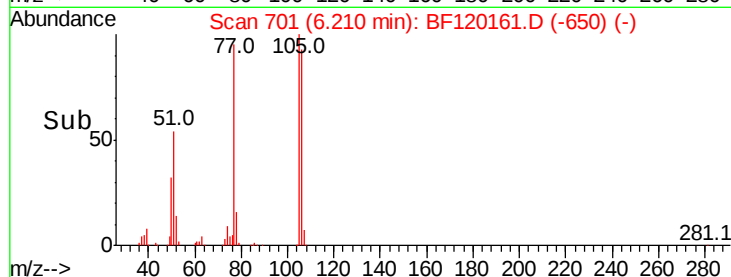
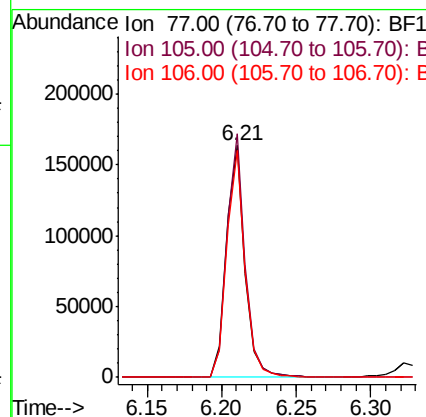
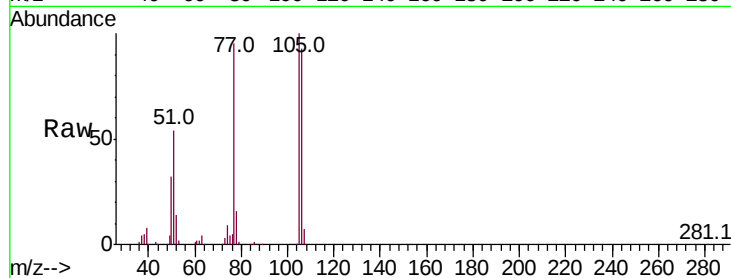
ClientSampleId :

PB128435BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.2	80.9	120.9
106	98.0	77.9	117.9

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



#10

Phenol

Concen: 40.395 ng

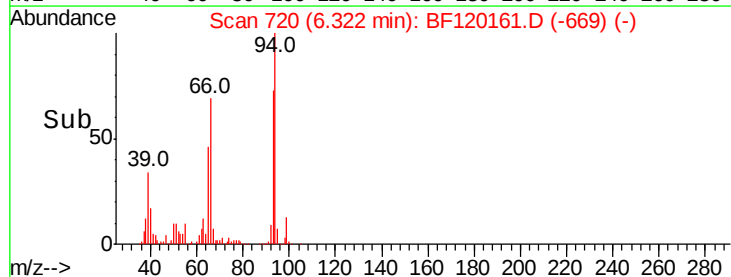
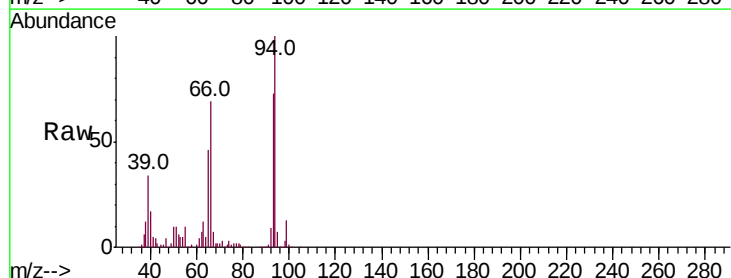
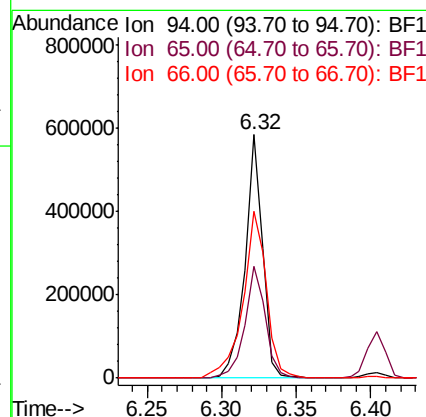
RT: 6.32 min Scan# 720

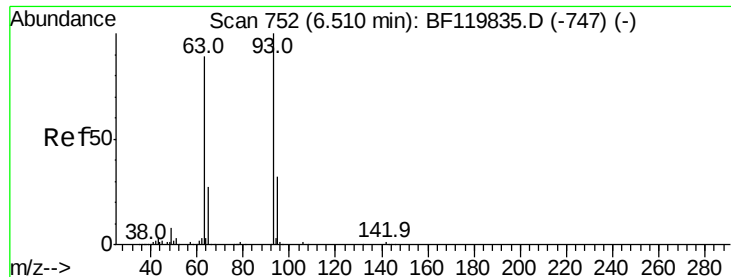
Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	46.0	13.2	53.2
66	68.7	22.3	62.3





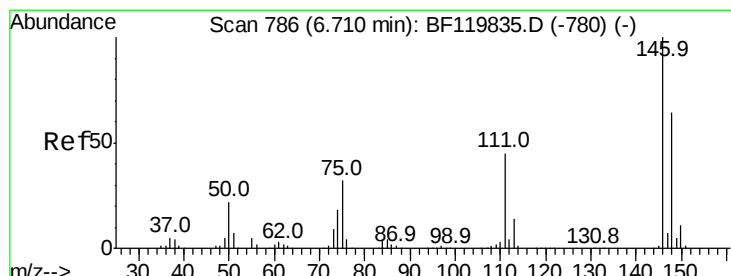
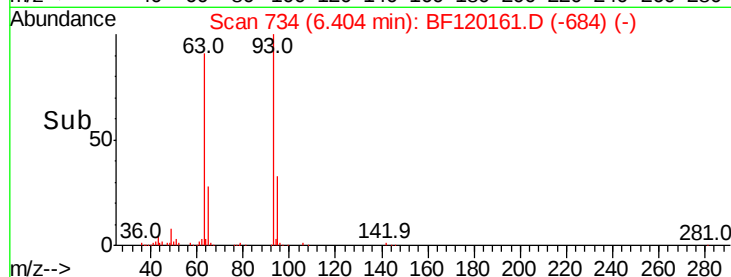
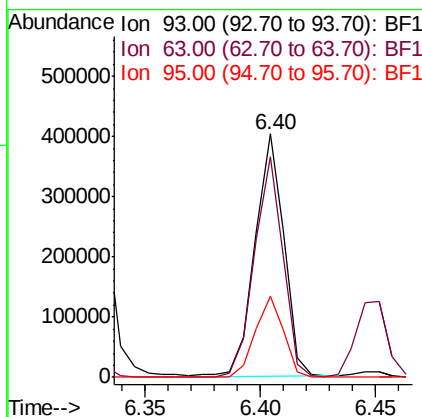
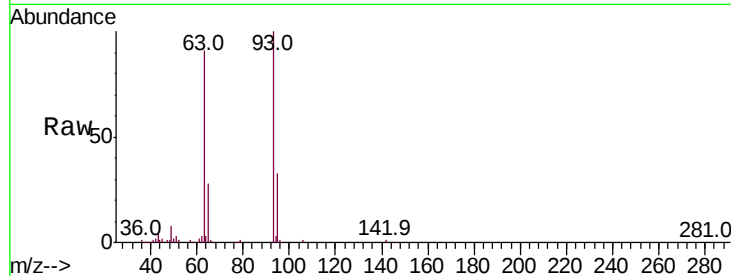
#11
bis(2-Chloroethyl)ether
Concen: 38.452 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion:	93	Resp:	352417
Ion Ratio	Lower	Upper	
93	100		
63	90.8	70.2	110.2
95	33.4	13.4	53.4

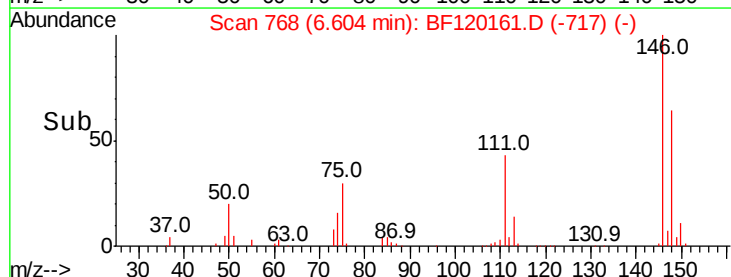
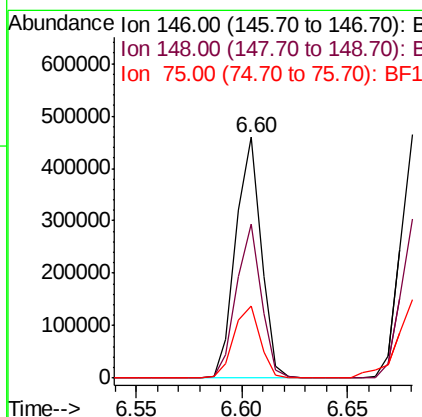
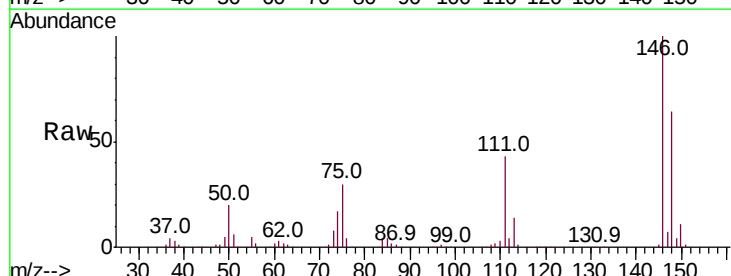
Manual Integrations
APPROVED

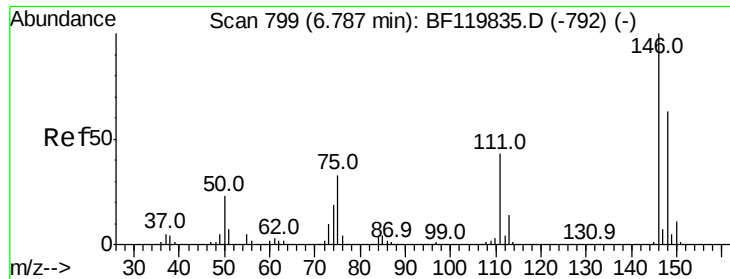
mohammad
4/24/2020 1:33:59 PM



#12
1,3-Dichlorobenzene
Concen: 38.314 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion:	146	Resp:	380557
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.4
75	30.0	23.0	34.4





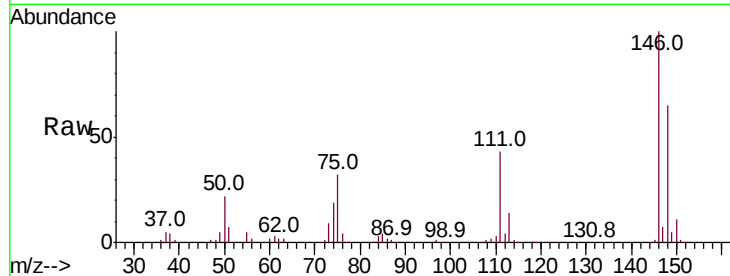
#13
 1,4-Dichlorobenzene
 Concen: 37.693 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.5	77.3
111	43.4	33.3	49.9

Manual Integrations
 APPROVED

mohammad
 4/24/2020 1:33:59 PM

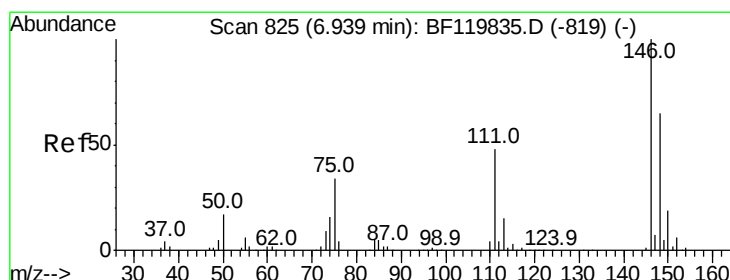
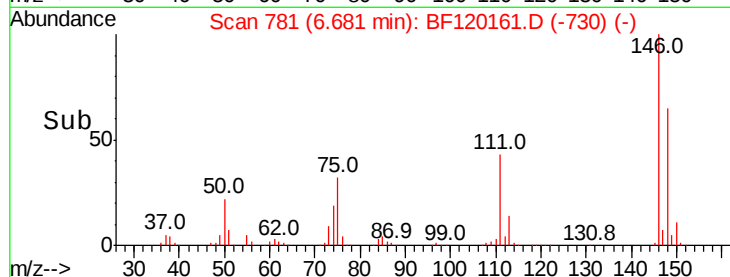
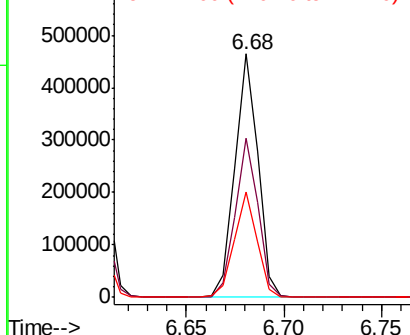


Abundance

Ion 146.00 (145.70 to 146.70): E

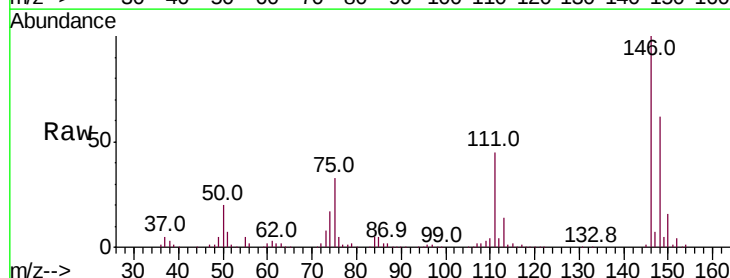
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.744 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	75.8
111	44.5	36.1	54.1

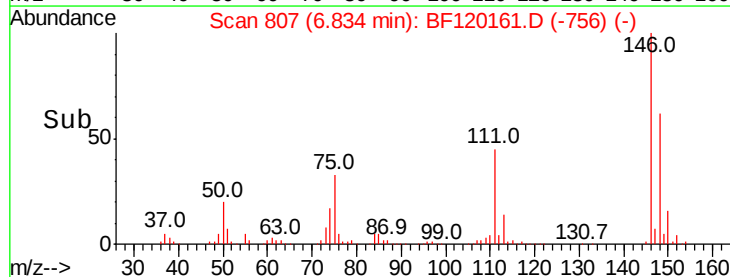
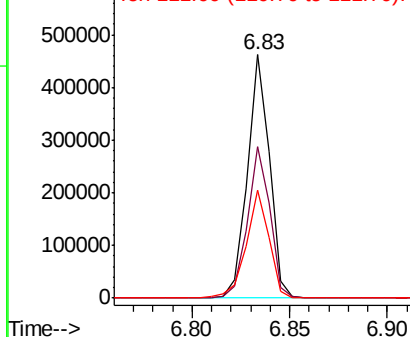


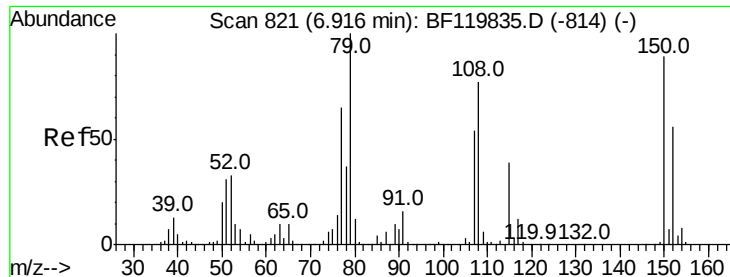
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





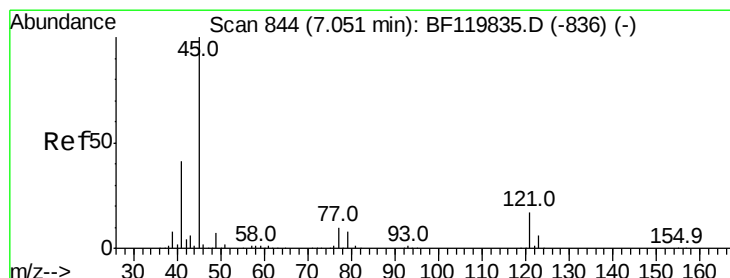
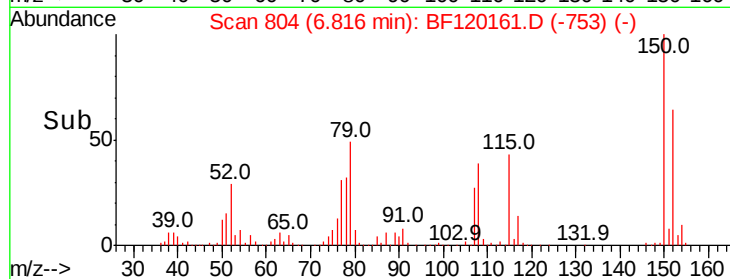
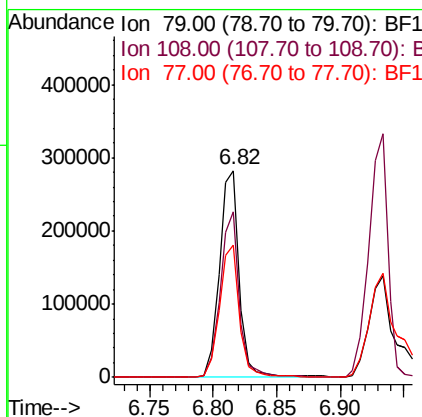
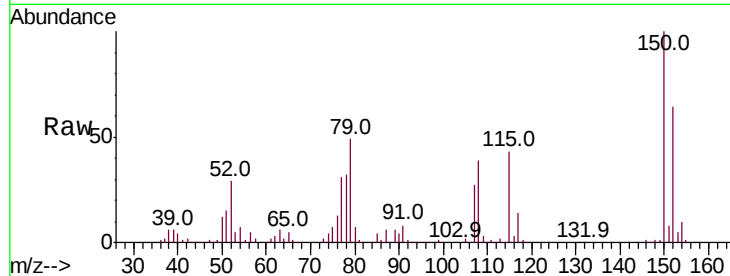
#15
Benzyl Alcohol
Concen: 37.982 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleID :
PB128435BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	60.6	90.8
77	63.8	50.2	75.2

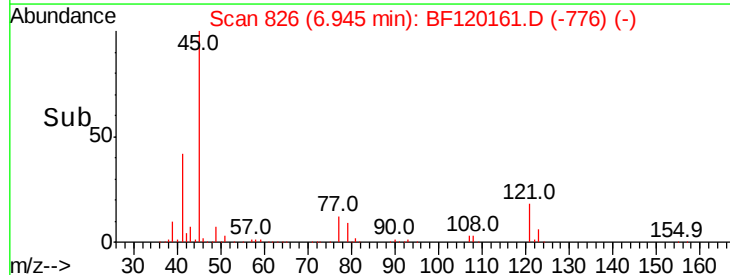
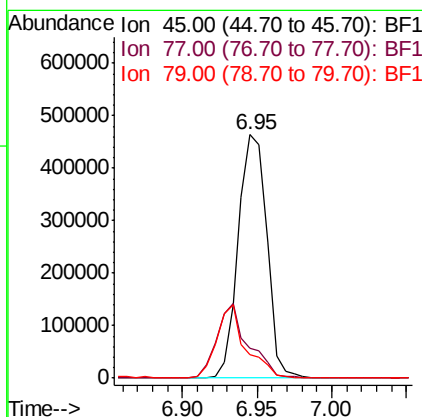
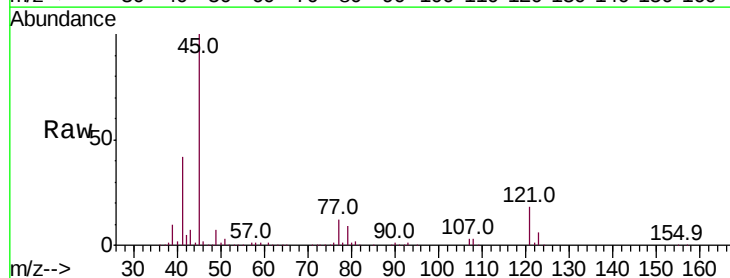
Manual Integrations
APPROVED

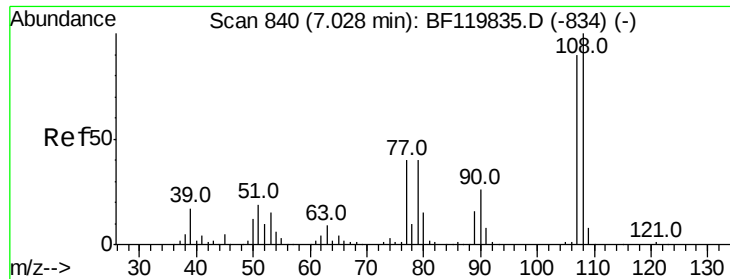
mohammad
4/24/2020 1:33:59 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.717 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	30.7
79	9.4	0.0	28.2





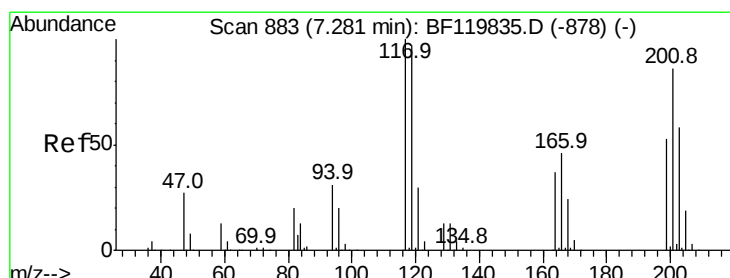
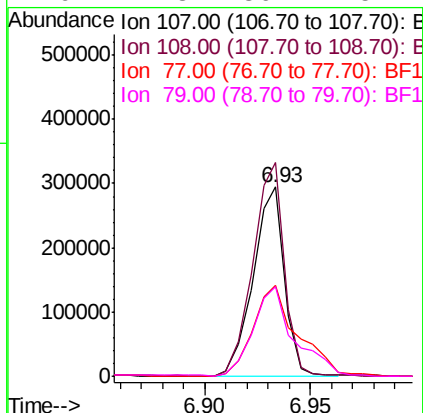
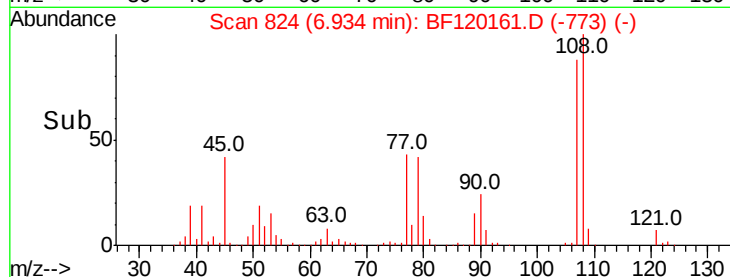
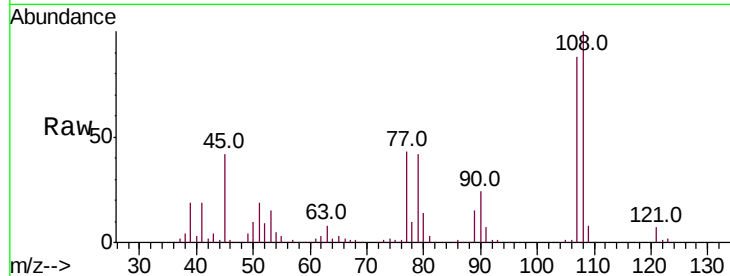
#17
2-Methylphenol
Concen: 37.276 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	301805		
108	113.1	92.2	138.4	
77	48.2	36.6	54.8	
79	47.3	36.2	54.4	

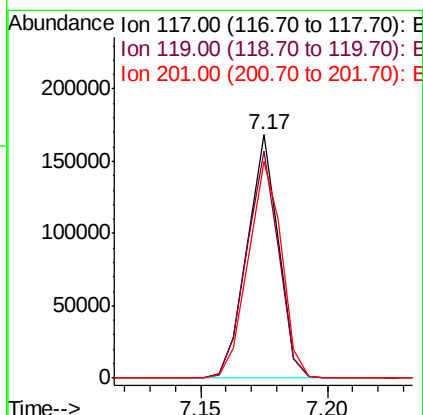
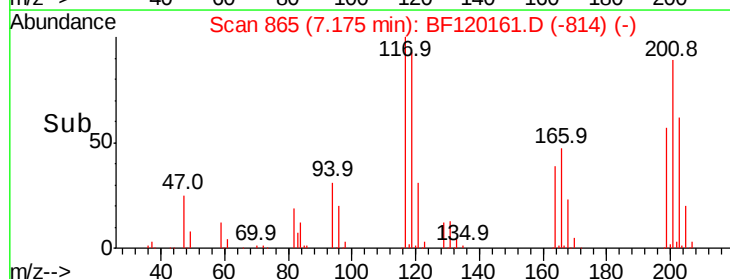
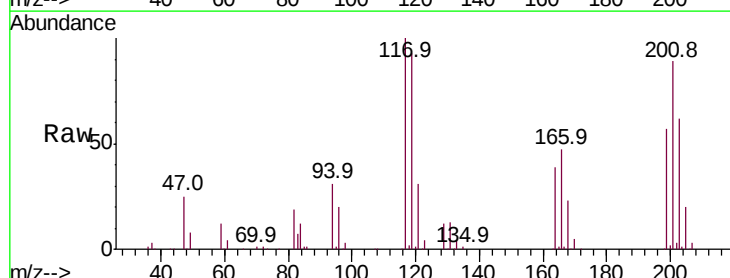
Manual Integrations
APPROVED

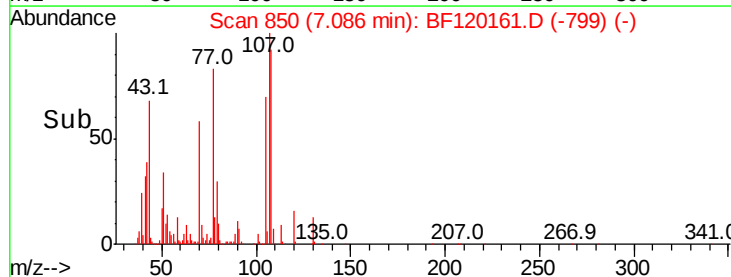
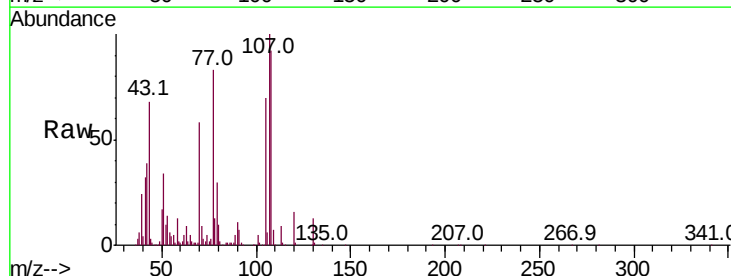
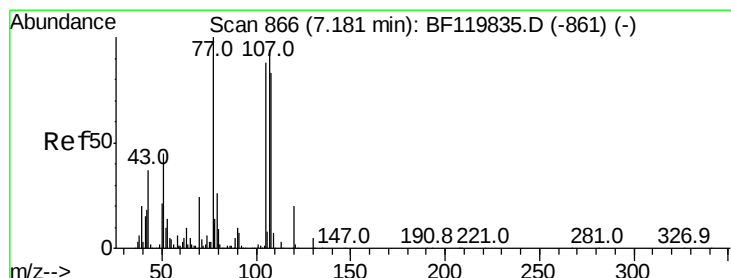
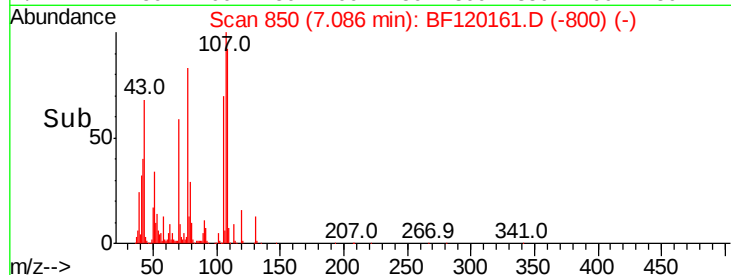
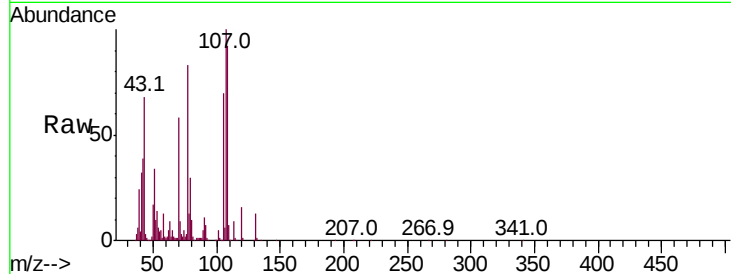
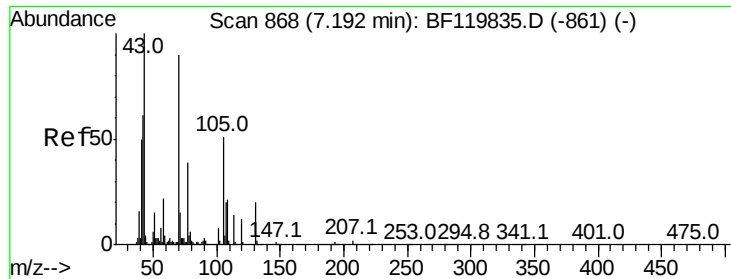
mohammad
4/24/2020 1:33:59 PM



#18
Hexachloroethane
Concen: 38.193 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	144419		
119	93.2	76.1	114.1	
201	89.1	73.0	109.6	





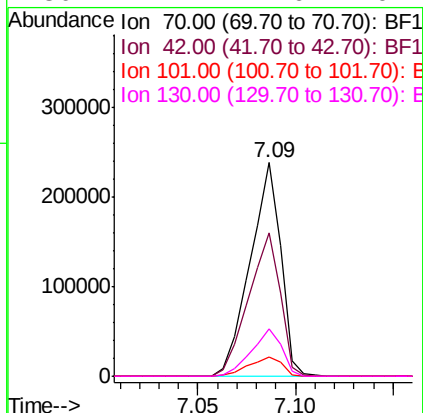
#19
n-Nitroso-di-n-propylamine
Concen: 38.522 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	54.5	81.7
101	9.3	7.6	11.4
130	22.4	17.6	26.4

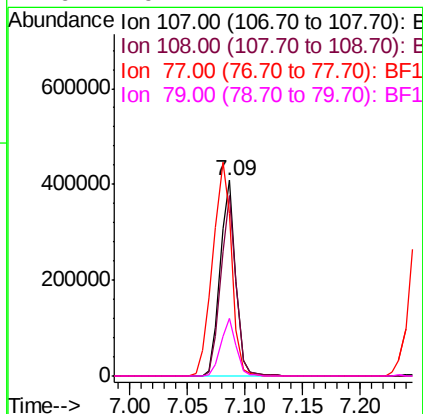
Manual Integrations
APPROVED

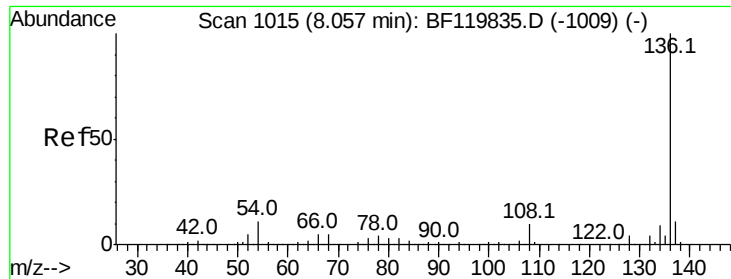
mohammad
4/24/2020 1:33:59 PM



#20
3+4-Methylphenols
Concen: 38.746 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	67.9	107.9
77	83.0	52.9	92.9
79	29.7	7.7	47.7





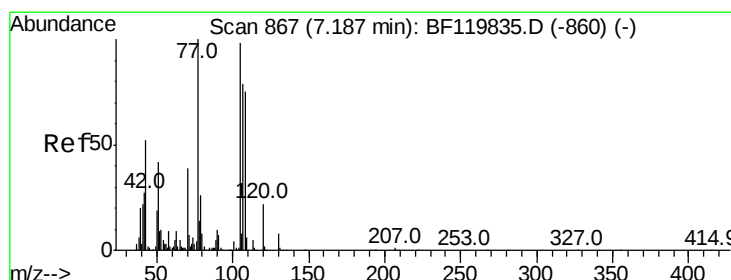
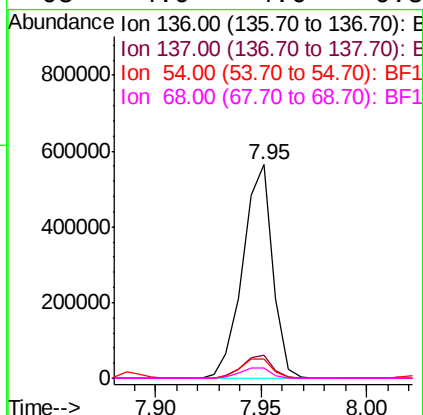
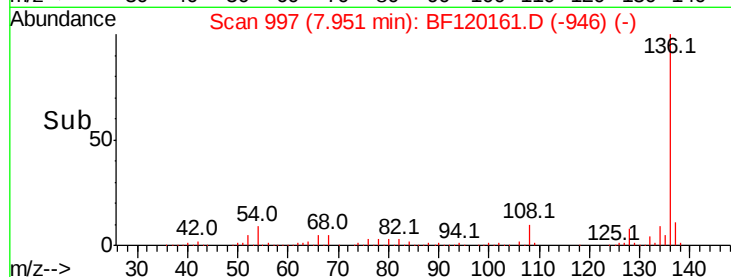
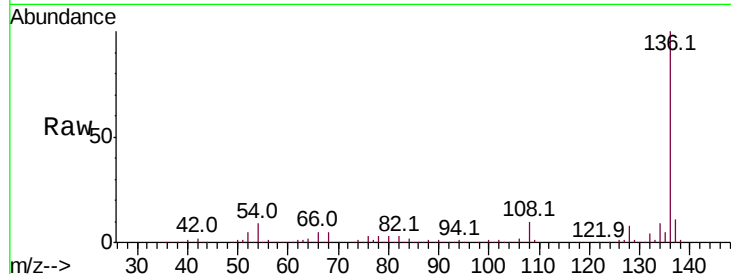
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.7	13.1	
54	9.2	9.1	13.7	
68	4.9	4.6	6.8	

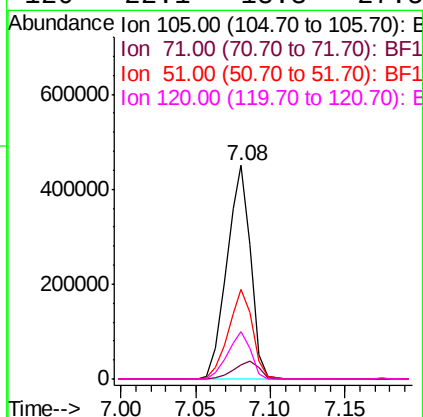
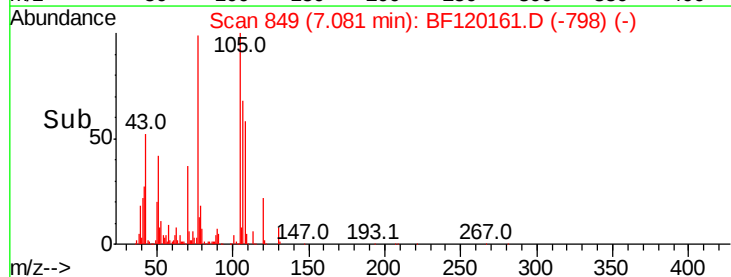
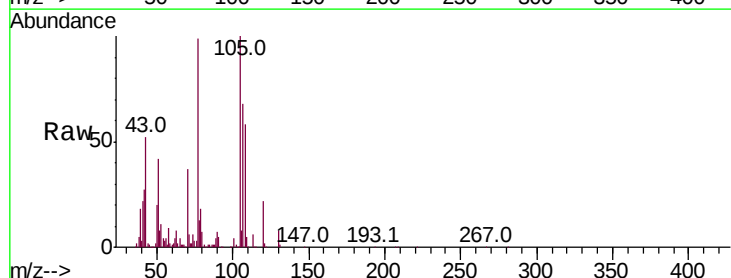
Manual Integrations
APPROVED

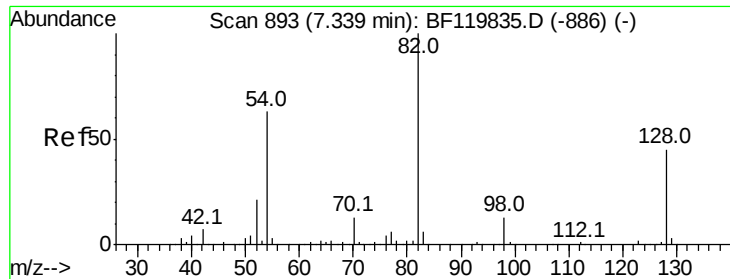
mohammad
4/24/2020 1:33:59 PM



#22
Acetophenone
Concen: 38.874 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.3	5.7	8.5	
51	41.9	26.2	39.4	
120	22.1	18.3	27.5	





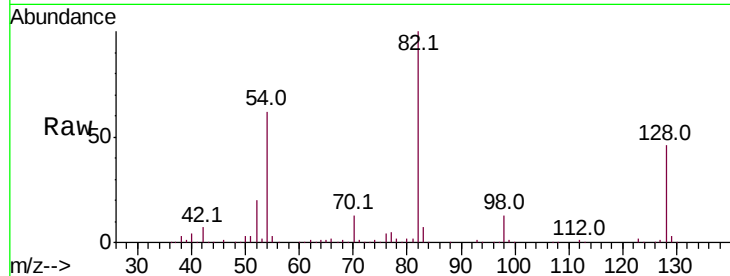
#23
Nitrobenzene-d5
Concen: 67.522 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

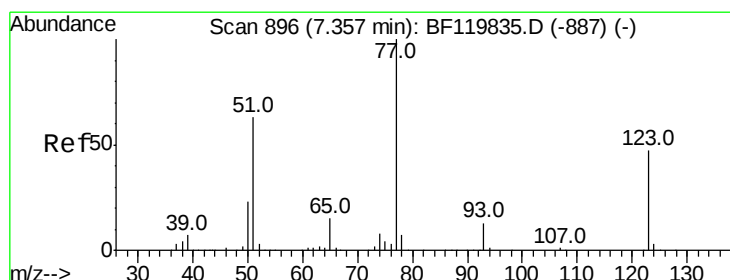
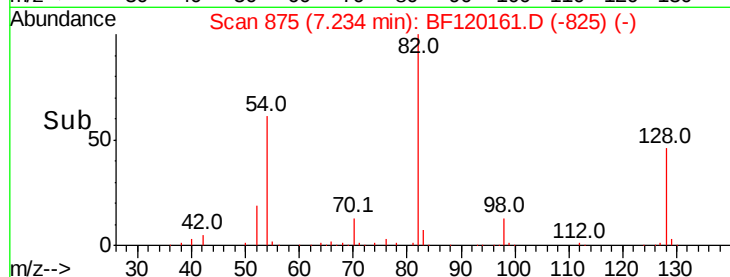
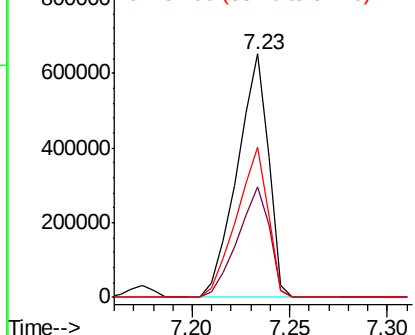
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.3	54.5
54	61.9	50.6	75.8

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM

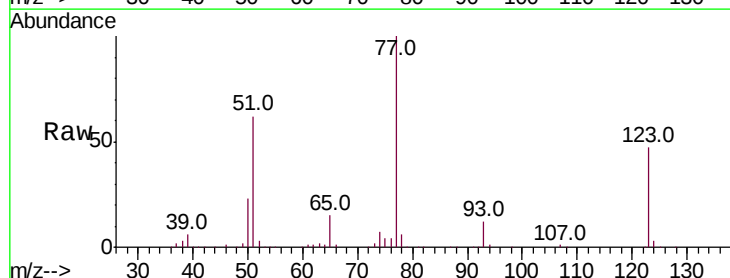


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

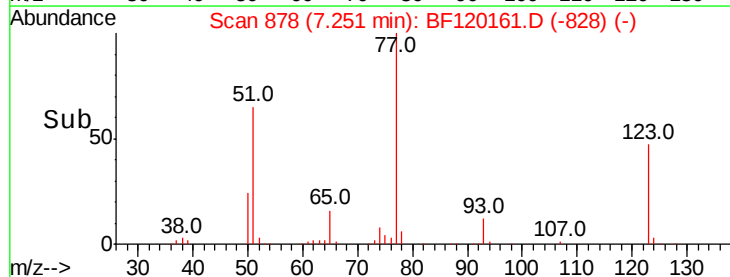
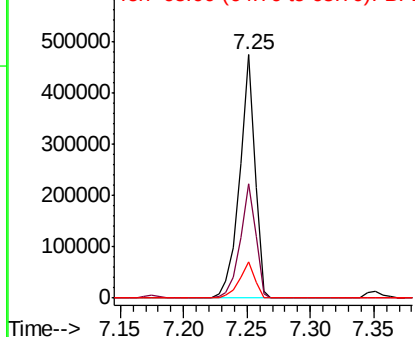


#24
Nitrobenzene
Concen: 36.361 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	38.0	57.0
65	14.6	12.6	18.8



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





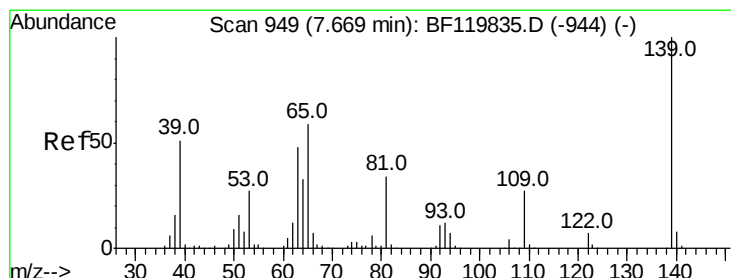
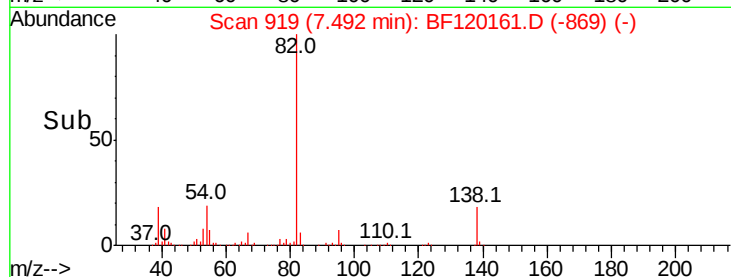
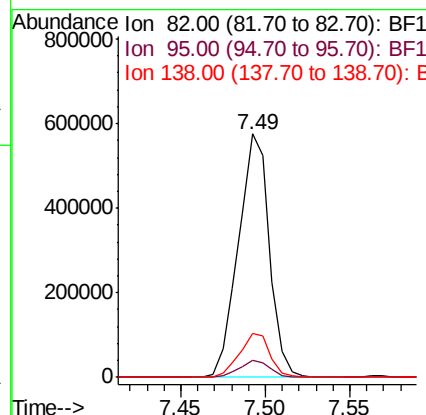
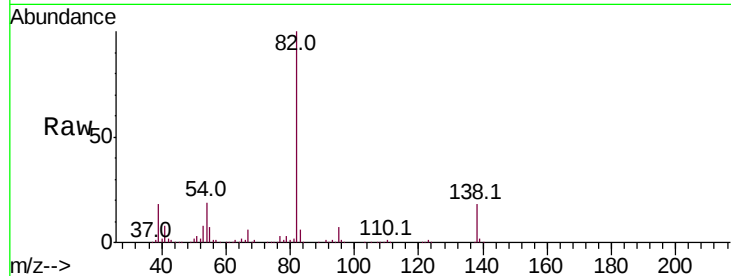
#25
Isophorone
Concen: 35.637 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion:	82	Resp:	735400
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	17.9	14.6	21.8

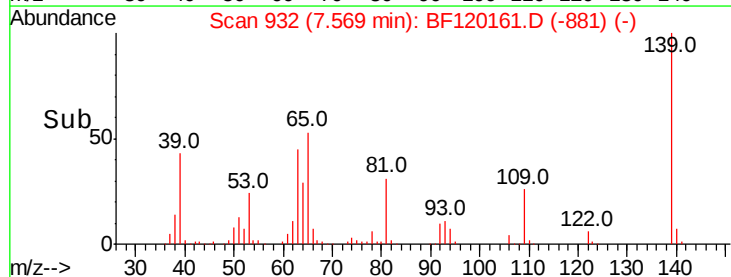
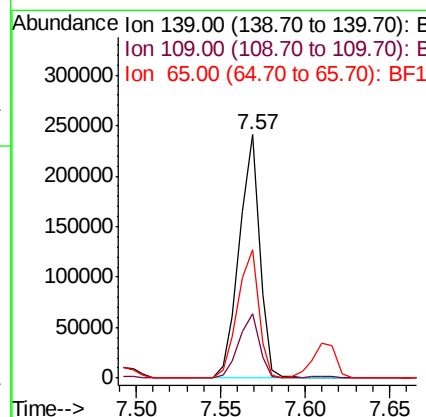
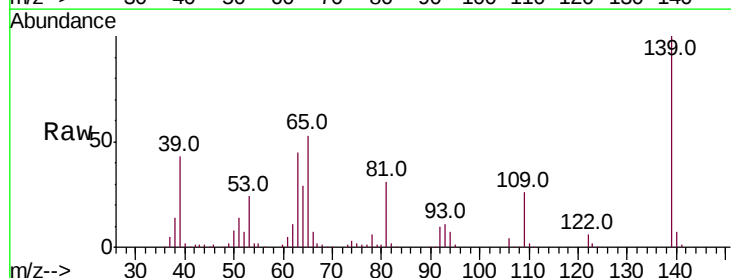
Manual Integrations
APPROVED

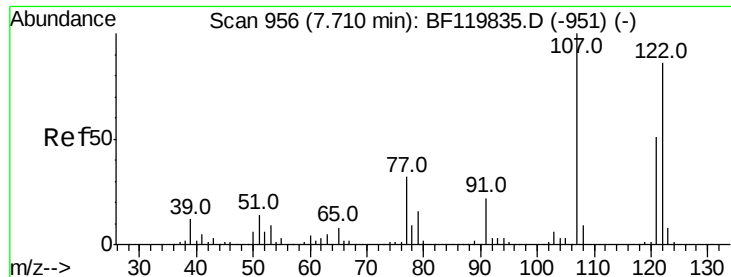
mohammad
4/24/2020 1:33:59 PM



#26
2-Nitrophenol
Concen: 37.799 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion:	139	Resp:	203361
Ion Ratio	Lower	Upper	
139	100		
109	26.4	22.1	33.1
65	52.6	49.2	73.8





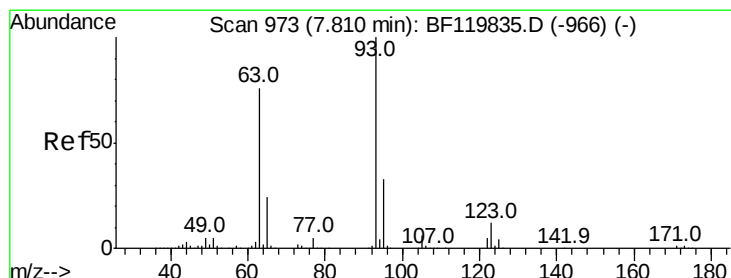
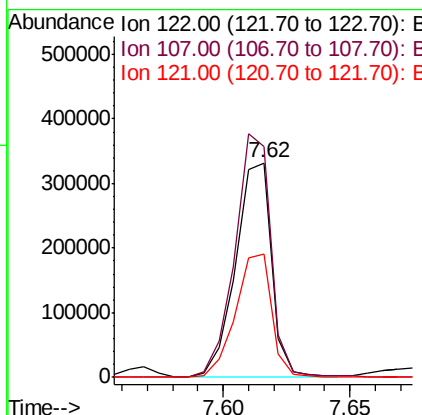
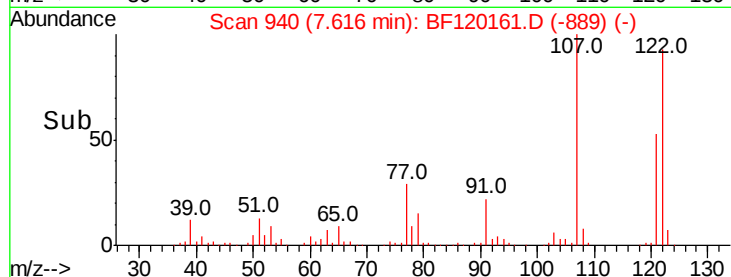
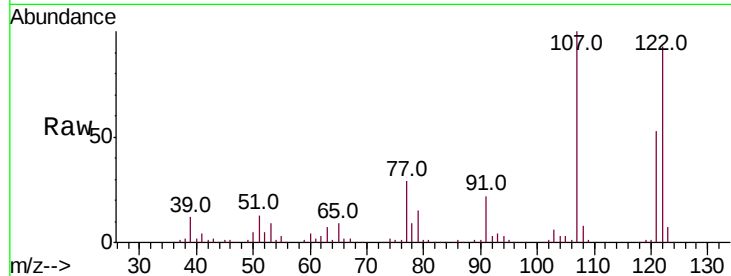
#27
 2,4-Dimethylphenol
 Concen: 40.555 ng
 RT: 7.62 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

Tot Ion:	122	Resp:	329063
Ion Ratio	Lower	Upper	
122	100		
107	107.5	89.0	133.6
121	57.5	46.7	70.1

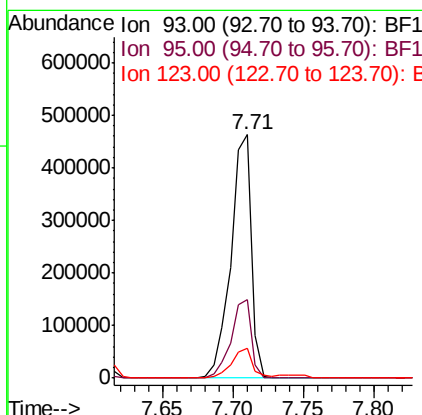
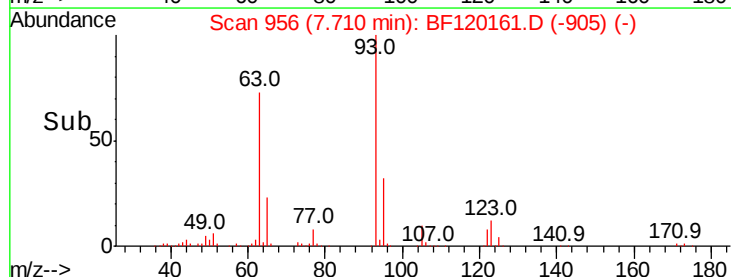
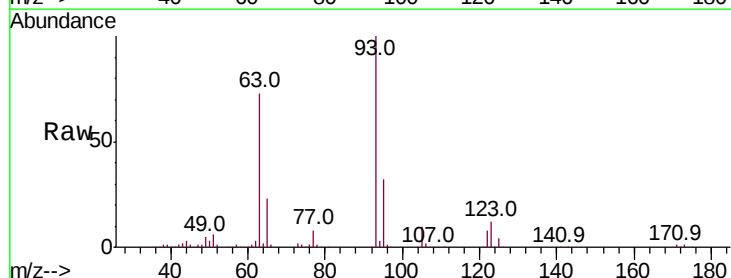
Manual Integrations
 APPROVED

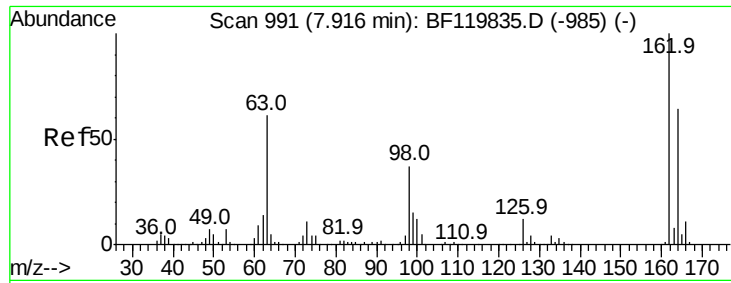
mohammad
 4/24/2020 1:33:59 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.414 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Tgt Ion:	93	Resp:	466455
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	12.1	9.7	14.5





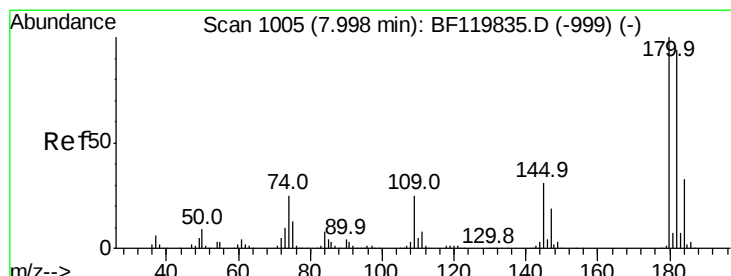
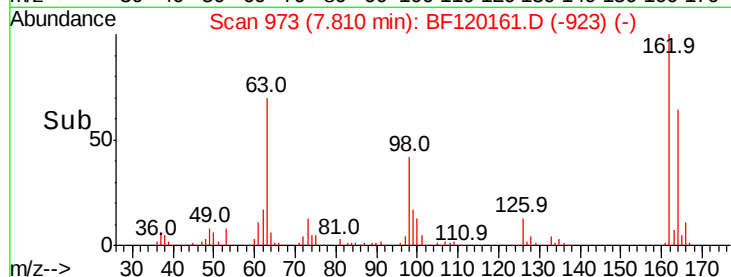
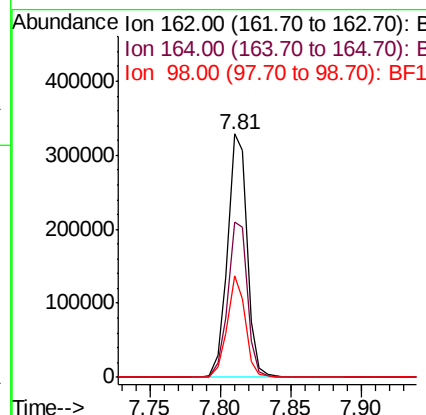
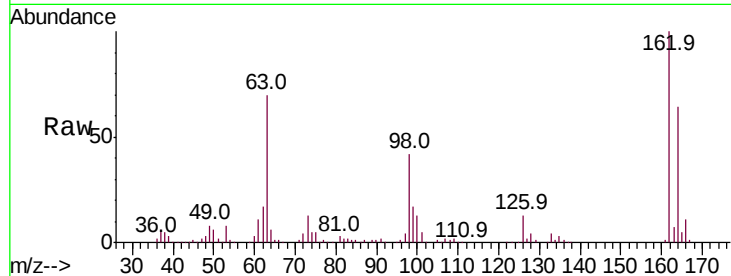
#29
2,4-Dichlorophenol
Concen: 38.279 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	318367		
164	63.8	44.7	84.7	
98	41.8	20.7	60.7	

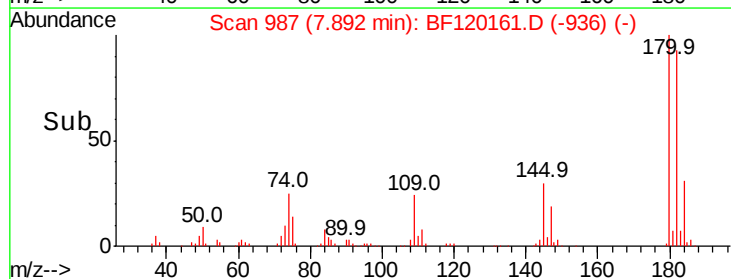
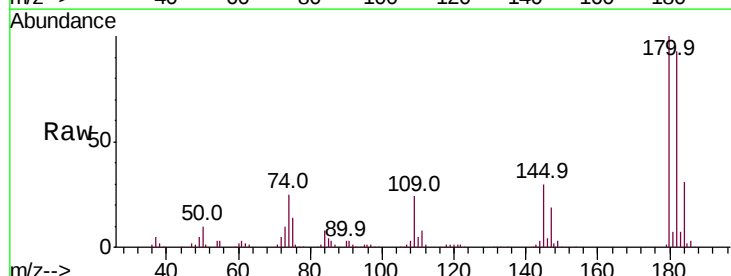
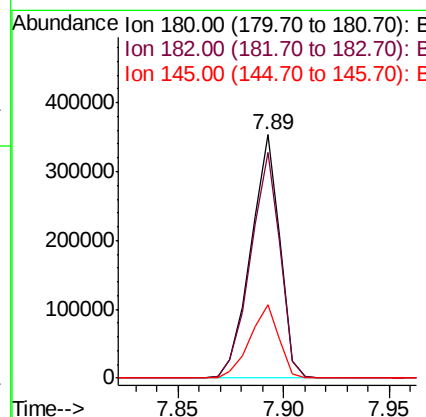
Manual Integrations
APPROVED

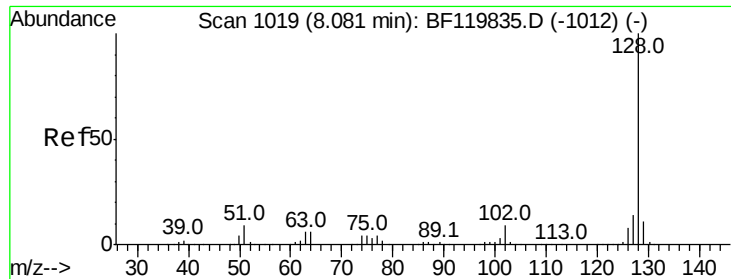
mohammad
4/24/2020 1:33:59 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.847 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337823		
182	93.0	74.7	112.1	
145	30.2	24.5	36.7	





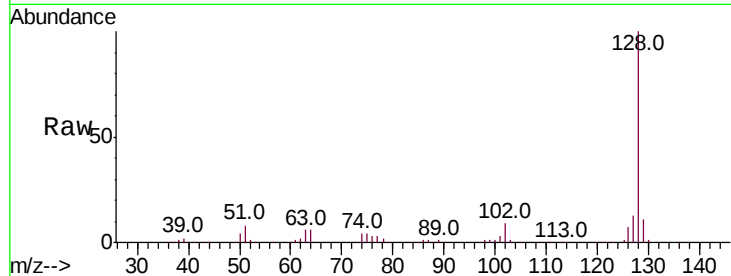
#31
Naphthalene
Concen: 37.391 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.5	14.3
127	12.9	11.3	16.9

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM

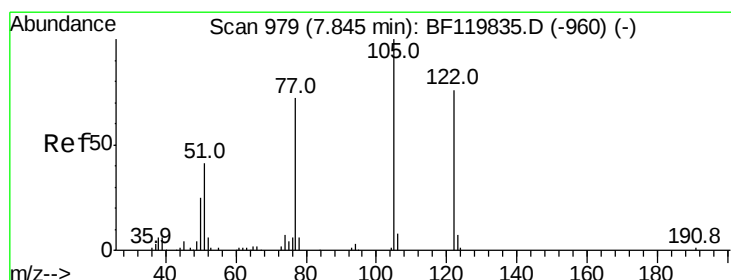
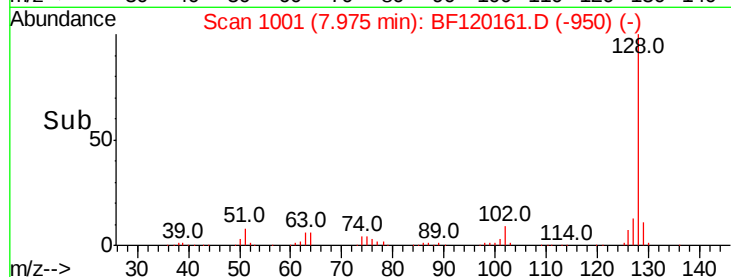
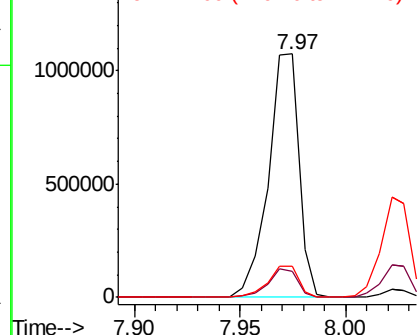


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.111 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

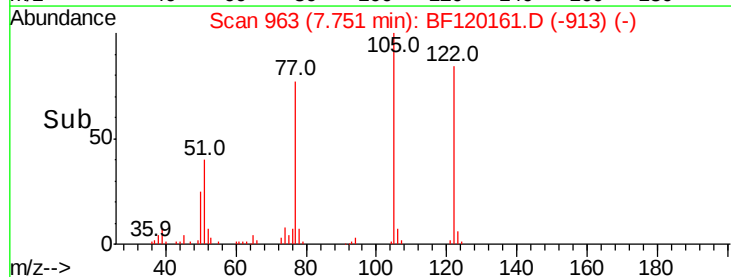
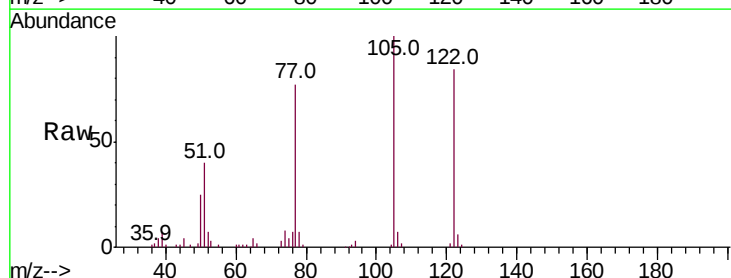
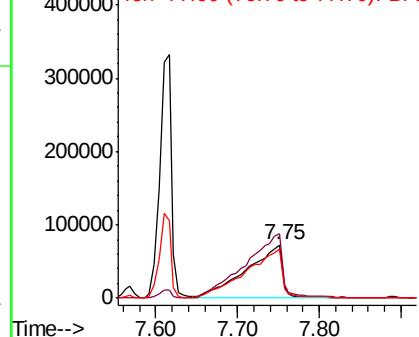
Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.6	104.9	144.9
77	92.5	74.4	114.4

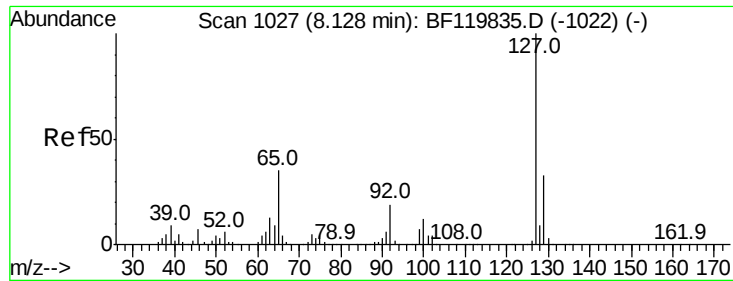
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





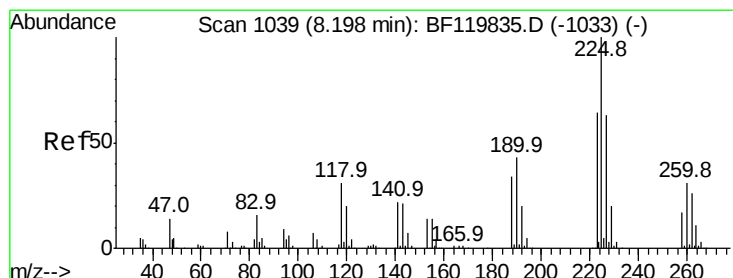
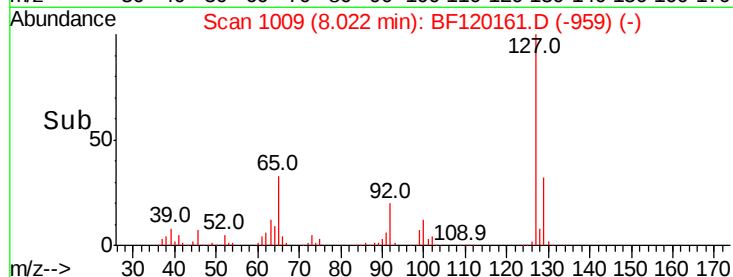
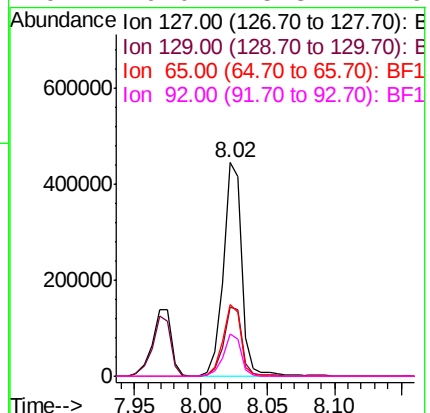
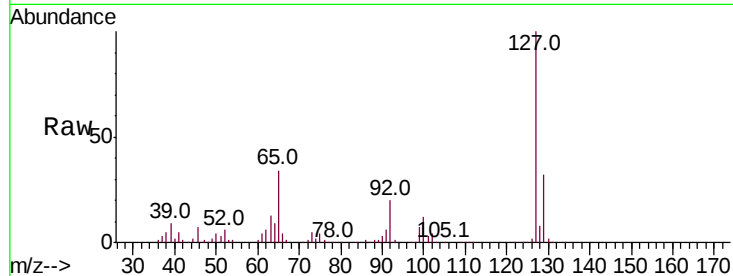
#33
4-Chloroaniline
Concen: 34.255 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.2	39.4	
65	33.6	27.4	41.0	
92	20.0	15.3	22.9	

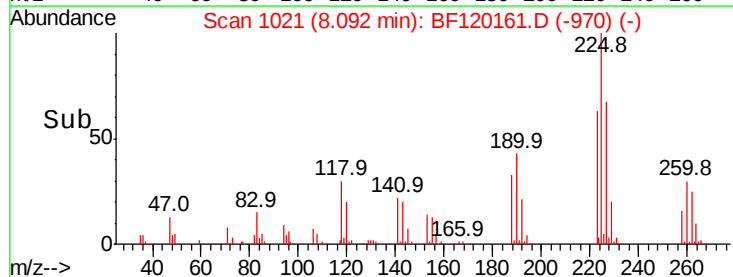
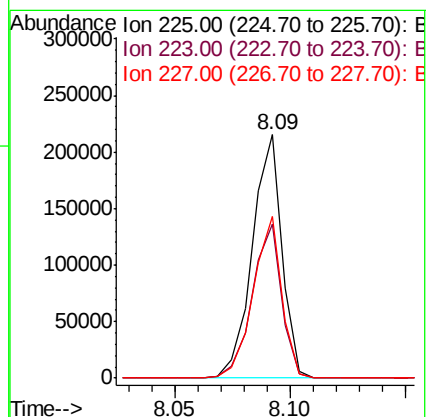
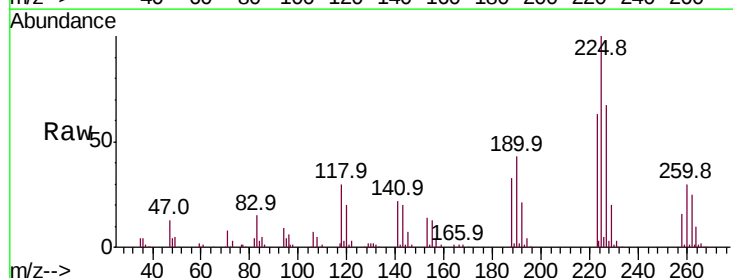
Manual Integrations
APPROVED

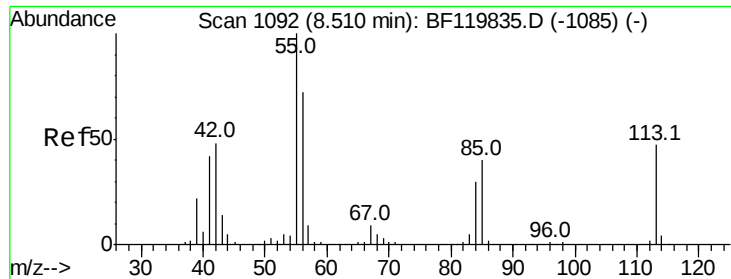
mohammad
4/24/2020 1:33:59 PM



#34
Hexachlorobutadiene
Concen: 34.176 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	51.0	76.6	
227	66.5	50.7	76.1	





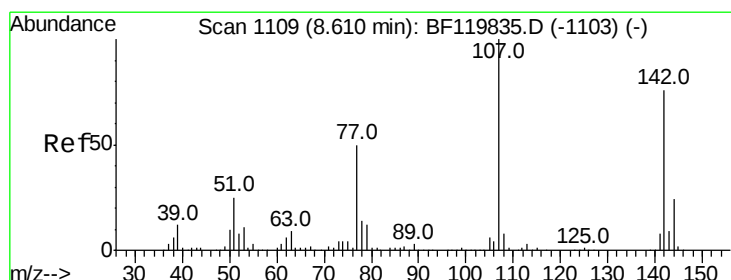
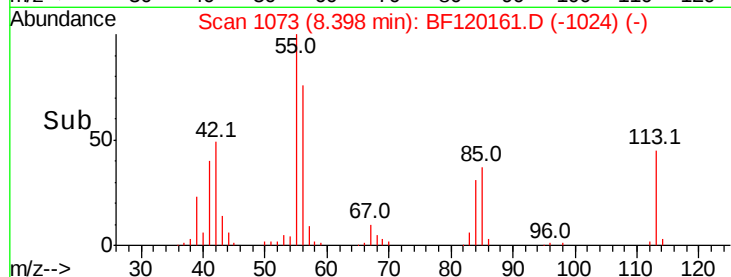
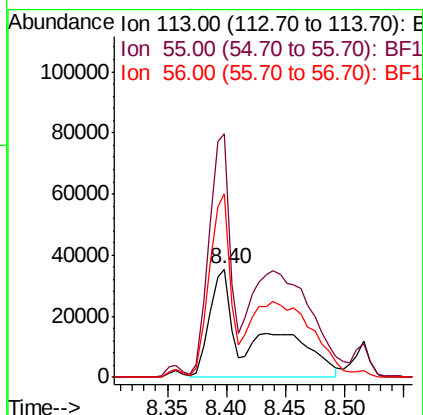
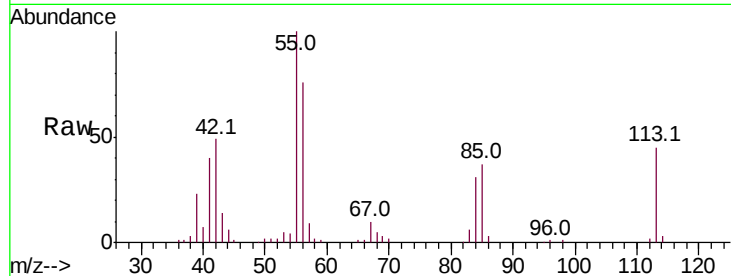
#35
 Caprolactam
 Concen: 37.523 ng/ml
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

Tot Ion: 113 Resp: 95465
 Ion Ratio Lower Upper
 113 100
 55 224.6 218.4 258.4
 56 169.7 148.9 188.9

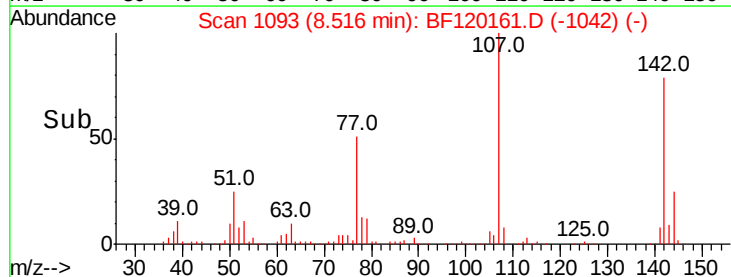
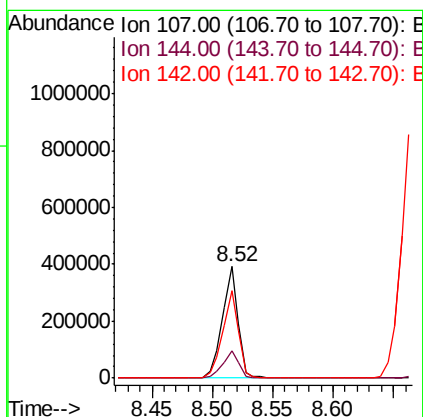
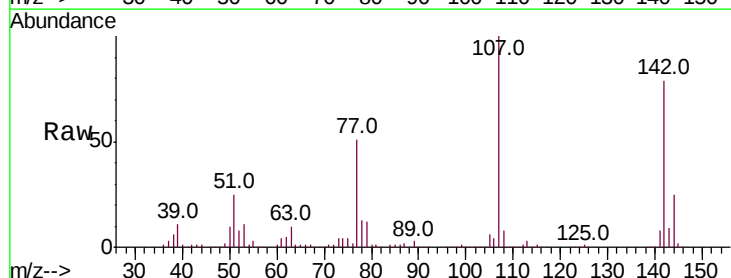
Manual Integrations
 APPROVED

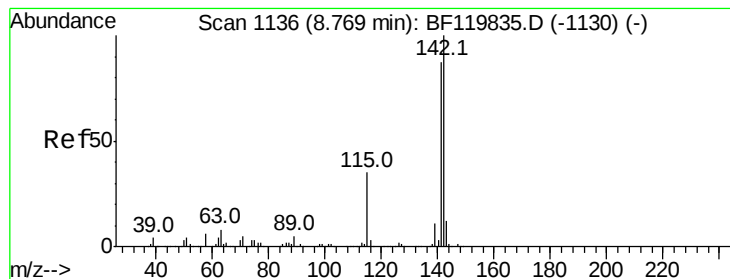
mohammad
 4/24/2020 1:33:59 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.905 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Tgt Ion: 107 Resp: 350327
 Ion Ratio Lower Upper
 107 100
 144 25.0 21.0 31.6
 142 78.7 64.4 96.6





#37

2-Methylnaphthalene

Concen: 37.685 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

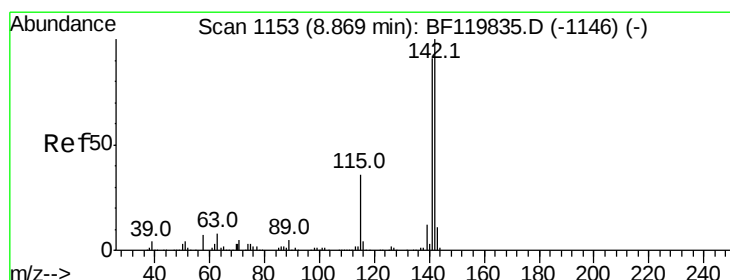
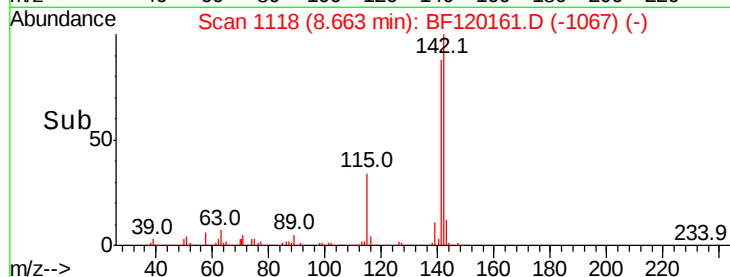
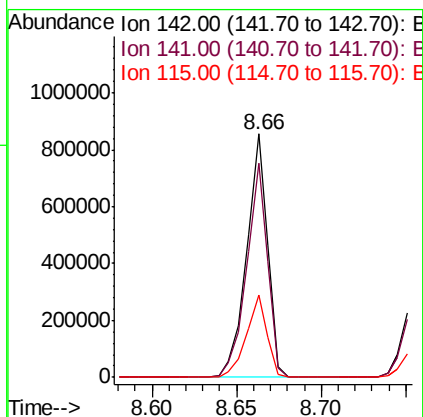
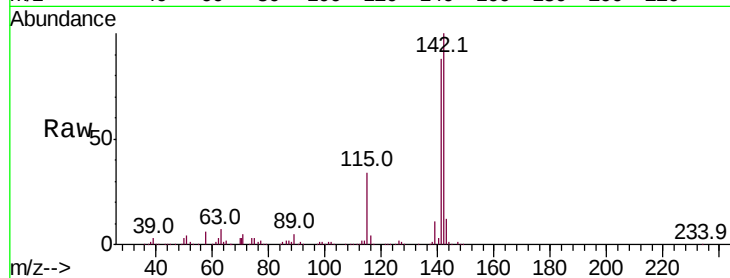
ClientSampleId :

PB128435BS

Tot Ion:	142	Resp:	744434
Ion Ratio	Lower	Upper	
142	100		
141	87.8	71.7	107.5
115	33.6	27.9	41.9

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



#38

1-Methylnaphthalene

Concen: 37.817 ng

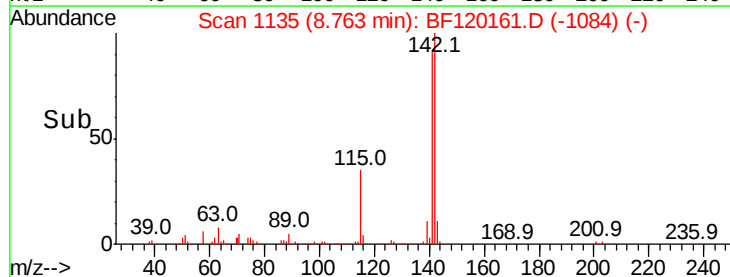
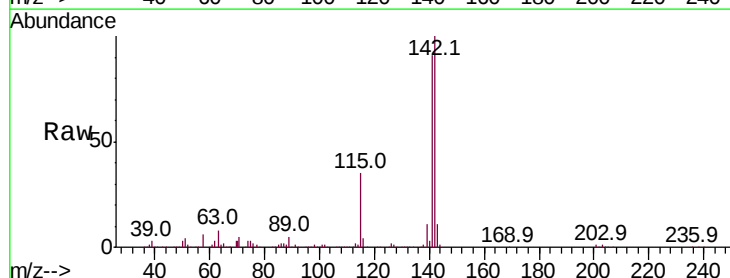
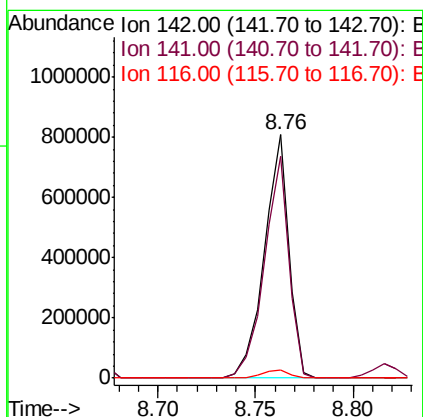
RT: 8.76 min Scan# 1135

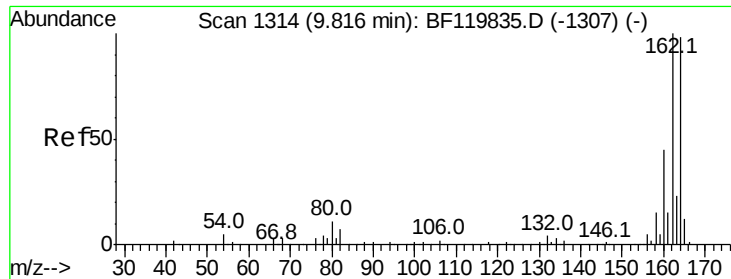
Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Tgt Ion:	142	Resp:	704104
Ion Ratio	Lower	Upper	
142	100		
141	91.0	73.7	110.5
116	3.6	3.0	4.6





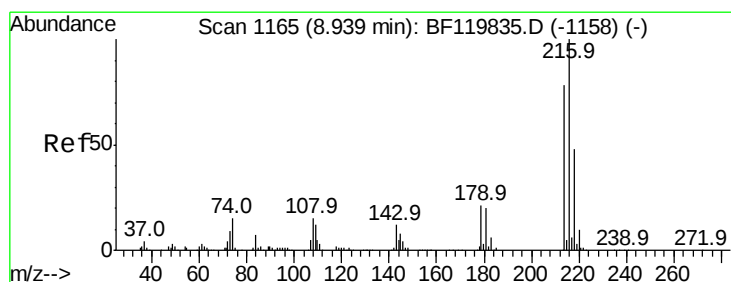
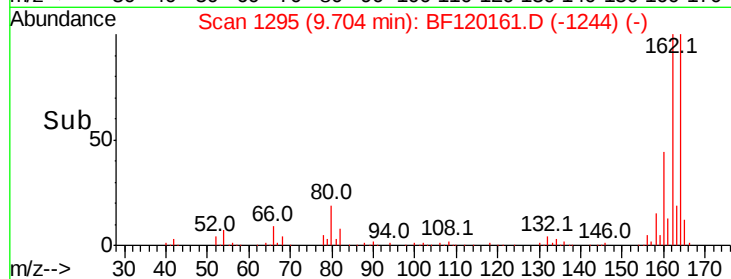
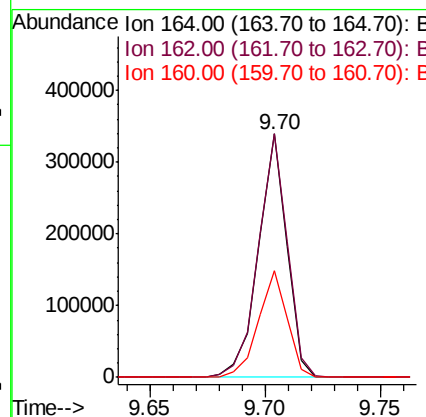
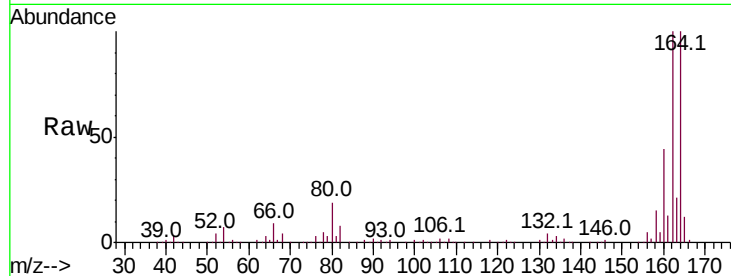
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	293066		
162	99.8	80.6	121.0	
160	43.8	35.7	53.5	

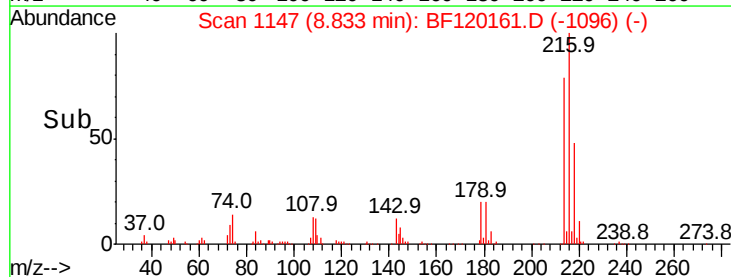
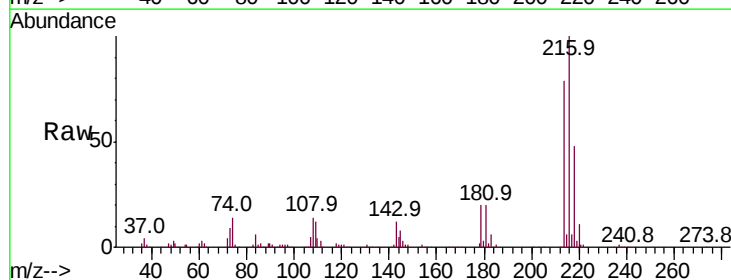
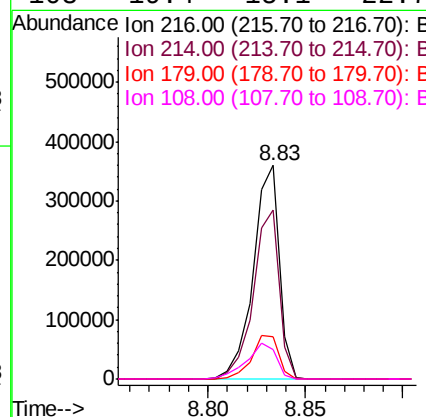
Manual Integrations
APPROVED

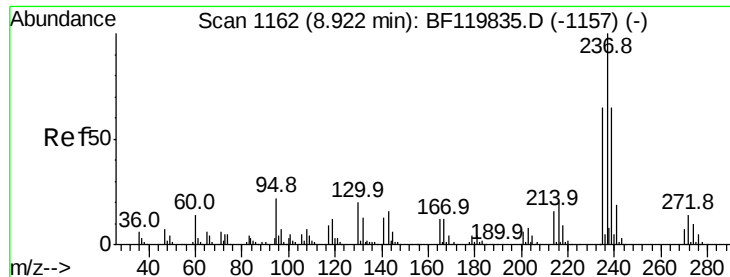
mohammad
4/24/2020 1:33:59 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.954 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	332800		
214	79.0	63.2	94.8	
179	21.2	17.1	25.7	
108	19.4	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 65.654 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

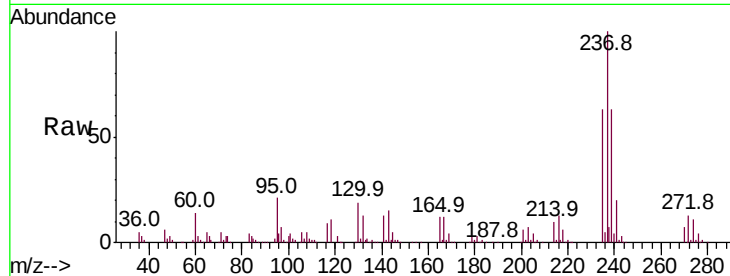
ClientSampleId :

PB128435BS

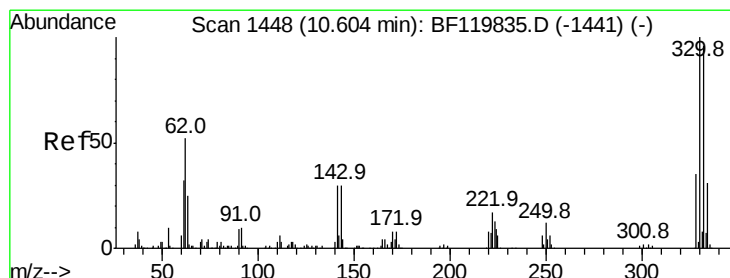
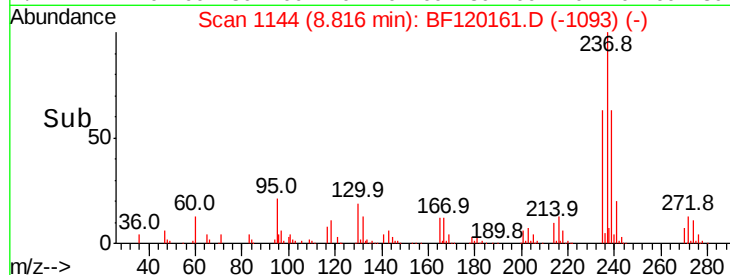
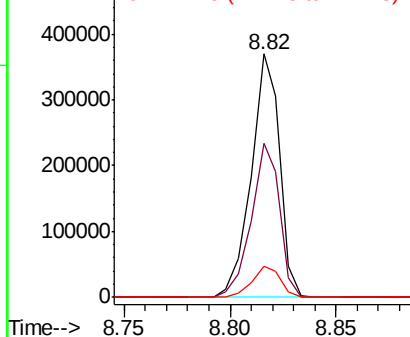
Tot Ion:	237	Resp:	345567
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.2	83.2
272	12.8	0.0	34.1

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 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: 92.678 ng

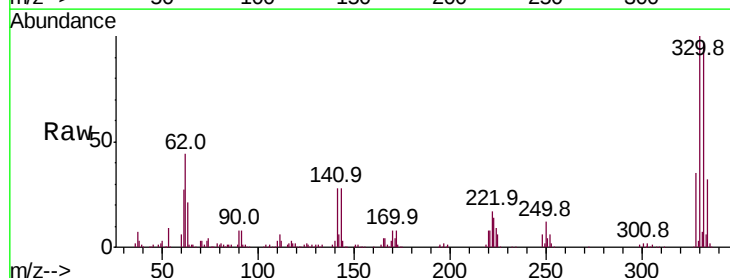
RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

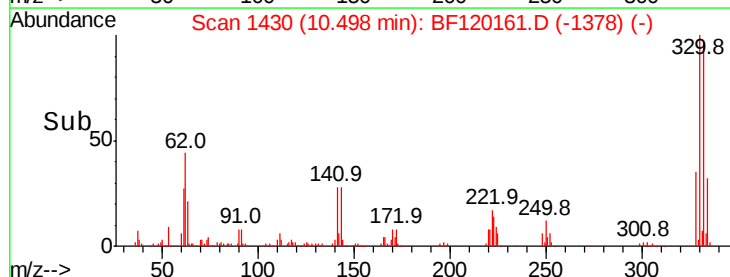
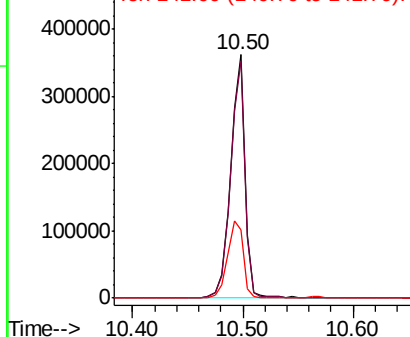
Lab File: BF120161.D

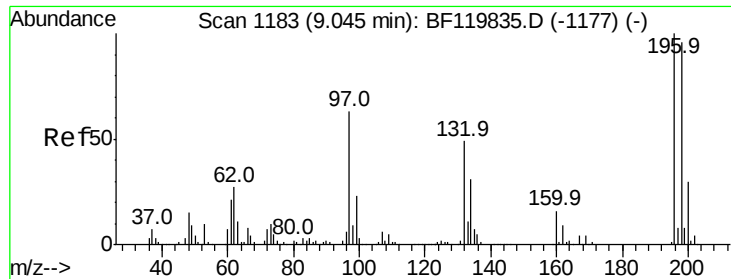
Acq: 23 Apr 2020 14:16

Tgt Ion:	330	Resp:	332540
Ion Ratio	Lower	Upper	
330	100		
332	98.0	75.7	113.5
141	34.9	25.4	38.0



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





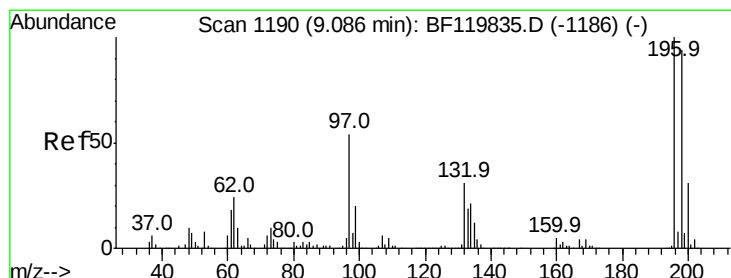
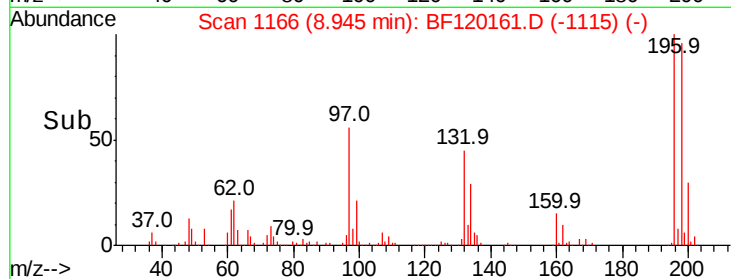
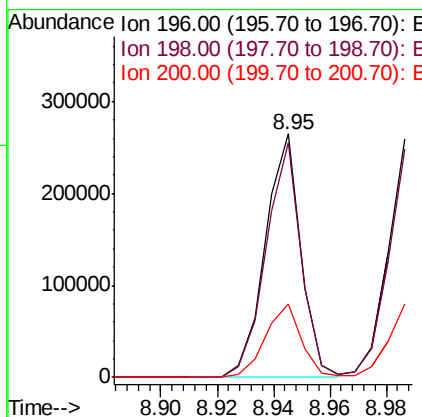
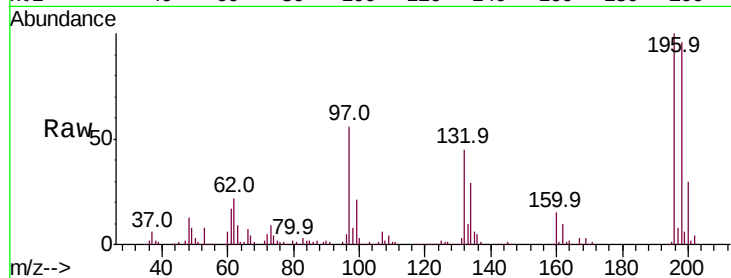
#43
 2,4,6-Trichlorophenol
 Concen: 36.158 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

Tot Ion:	196	Resp:	231118
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.6	115.0
200	30.3	24.6	36.8

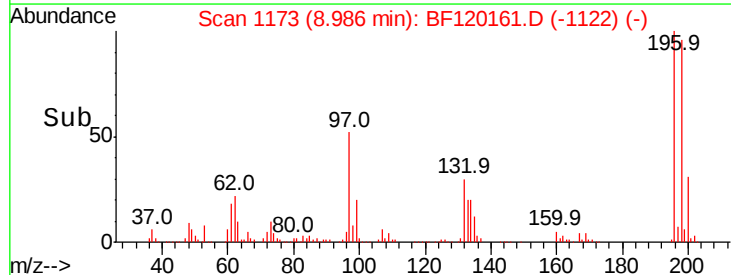
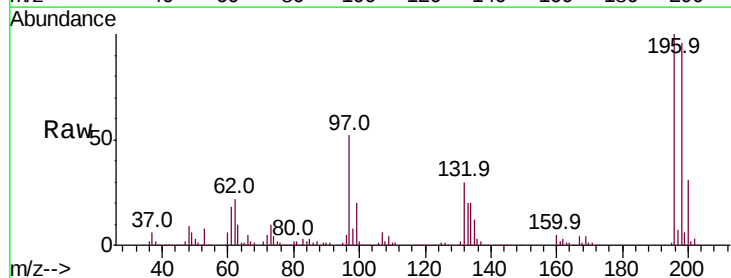
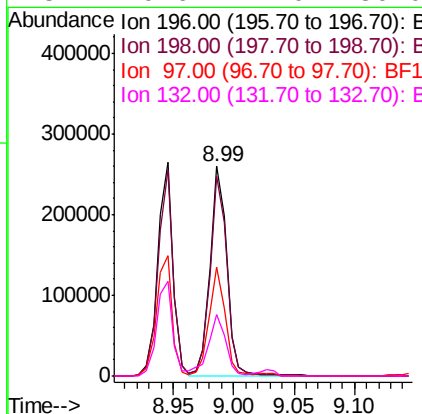
Manual Integrations
 APPROVED

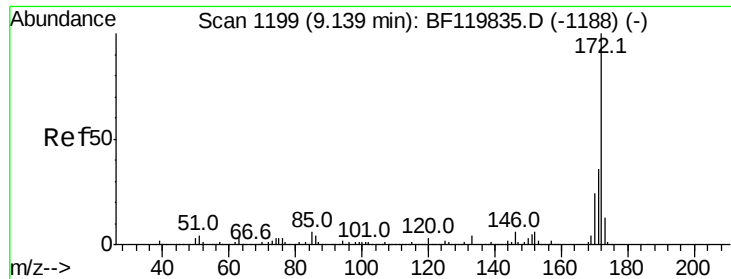
mohammad
 4/24/2020 1:33:59 PM



#44
 2,4,5-Trichlorophenol
 Concen: 34.738 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Tgt Ion:	196	Resp:	250085
Ion Ratio	Lower	Upper	
196	100		
198	95.6	73.8	110.8
97	52.0	42.6	63.8
132	29.6	24.0	36.0





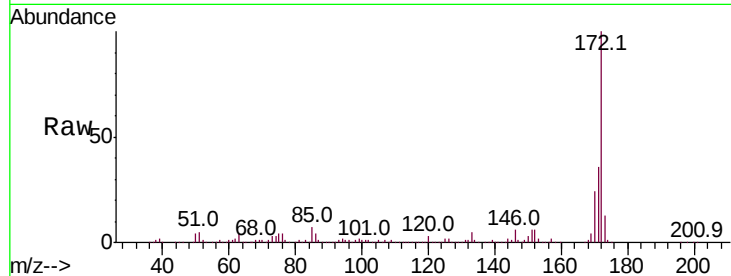
#45
2-Fluorobiphenyl
Concen: 71.668 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

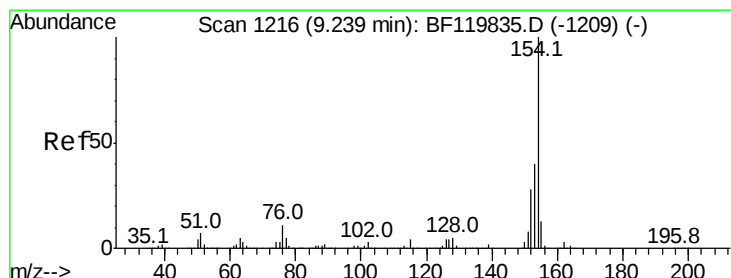
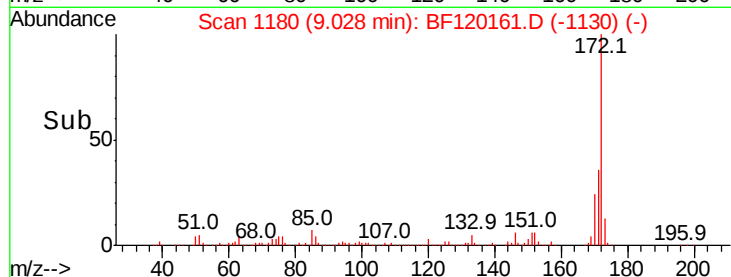
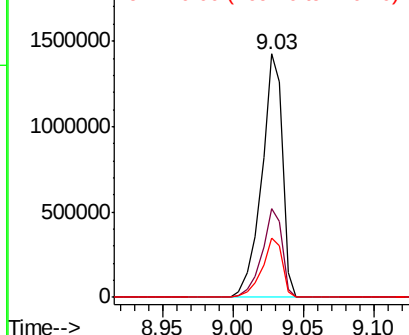
Tot Ion:172 Resp: 1479346
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 20.2 30.2

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM

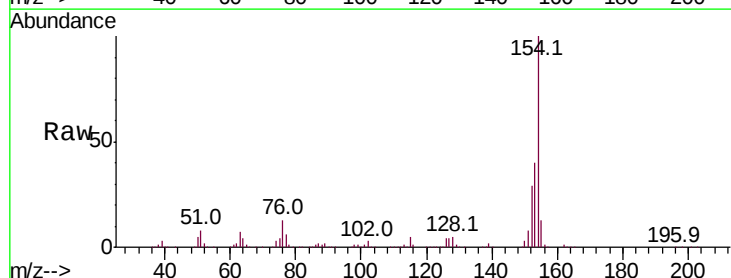


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

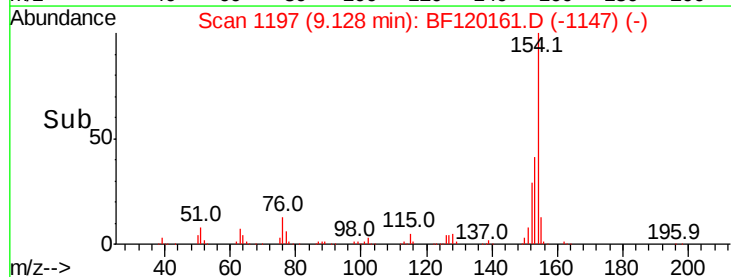
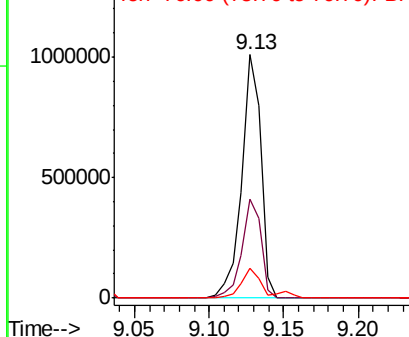


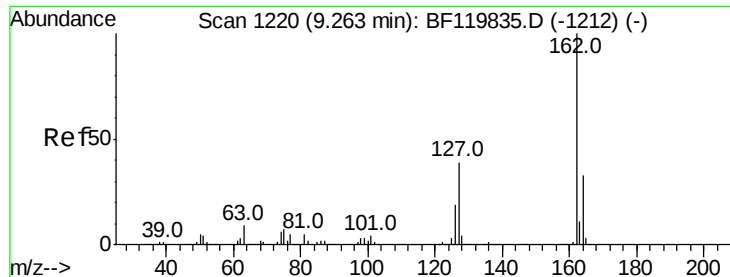
#46
1,1'-Biphenyl
Concen: 36.518 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion:154 Resp: 903335
Ion Ratio Lower Upper
154 100
153 40.5 21.4 61.4
76 12.5 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





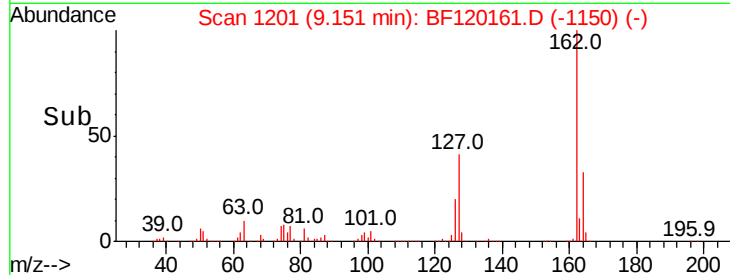
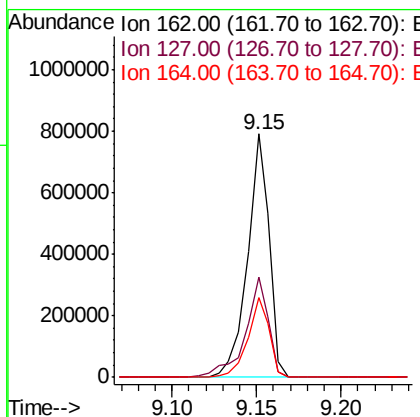
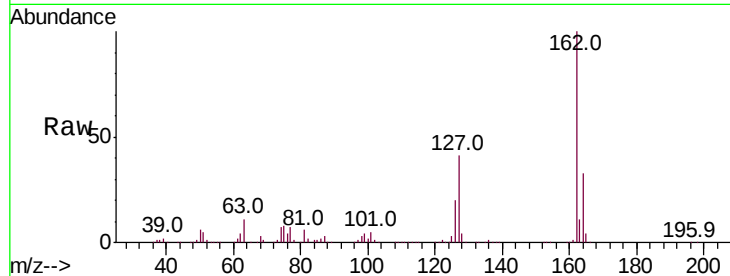
#47
 2-Chloronaphthalene
 Concen: 37.095 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

Tot Ion:	162	Resp:	706879
Ion Ratio	Lower	Upper	
162	100		
127	41.3	33.7	50.5
164	32.9	26.3	39.5

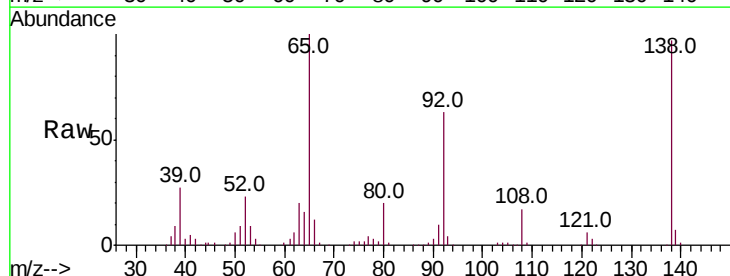
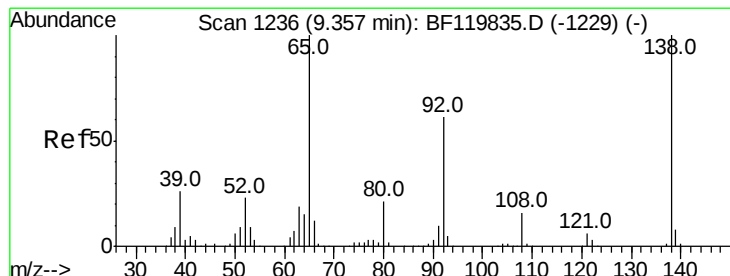
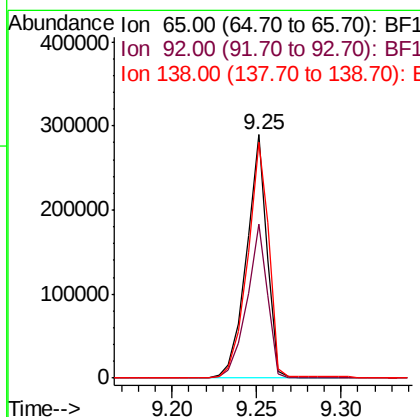
Manual Integrations
 APPROVED

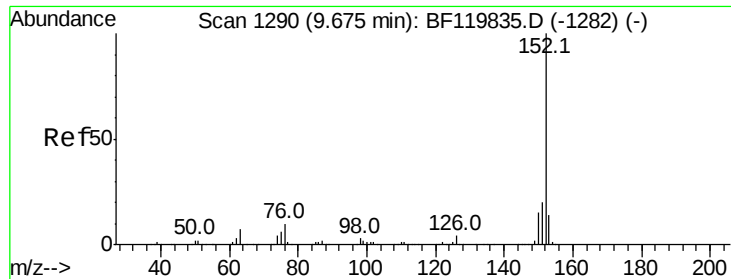
mohammad
 4/24/2020 1:33:59 PM



#48
 2-Nitroaniline
 Concen: 35.551 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Tgt Ion:	65	Resp:	245498
Ion Ratio	Lower	Upper	
65	100		
92	63.2	50.0	75.0
138	96.8	75.0	112.4





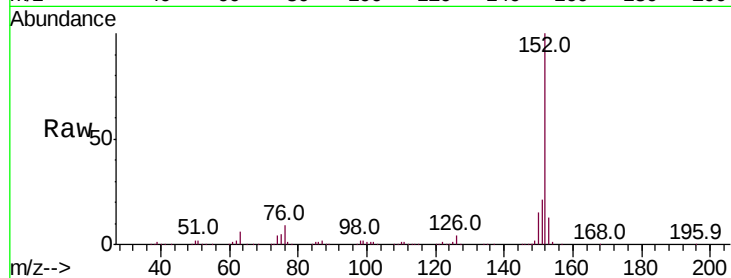
#49
Acenaphthylene
Concen: 38.261 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

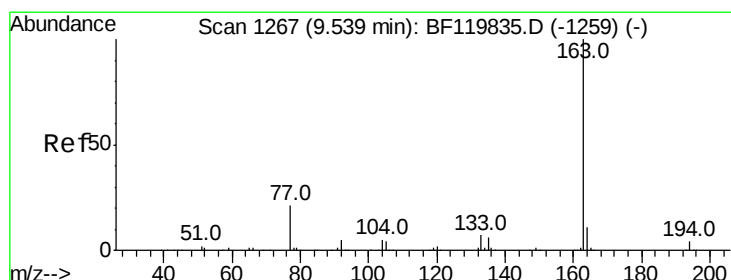
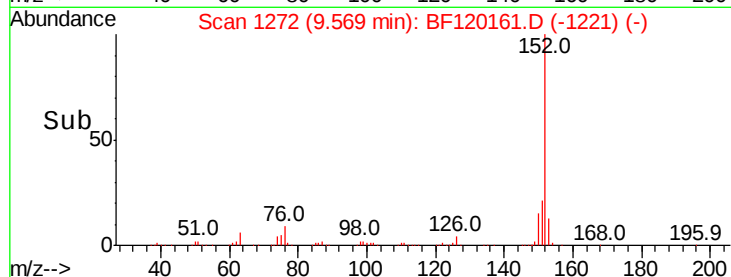
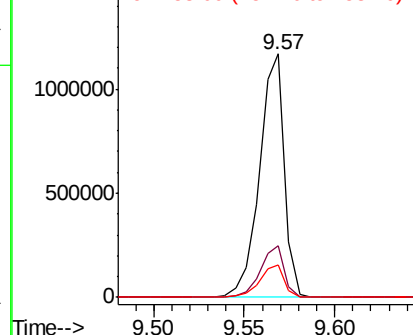
Tot Ion:152 Resp: 1108790
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 13.2 11.2 16.8

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM

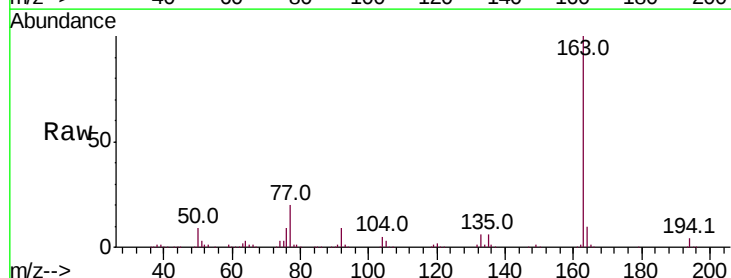


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

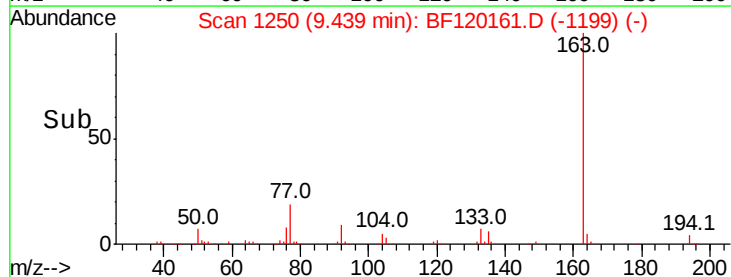
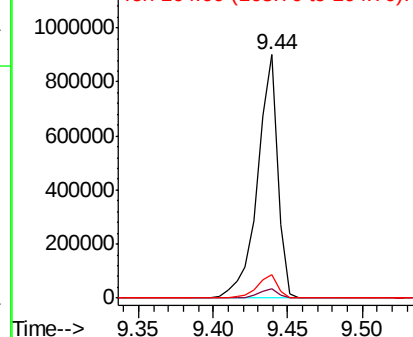


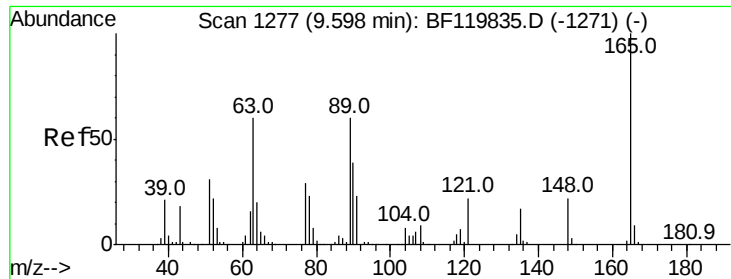
#50
Dimethylphthalate
Concen: 36.826 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion:163 Resp: 834774
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





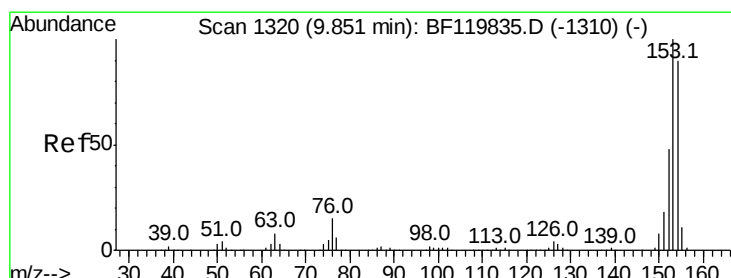
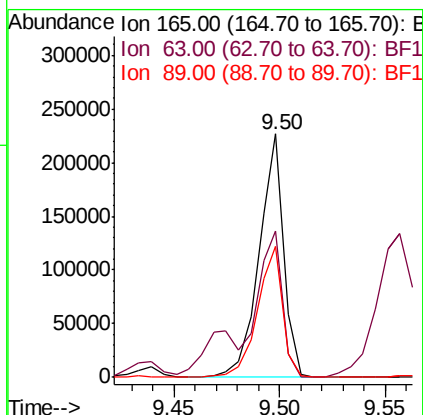
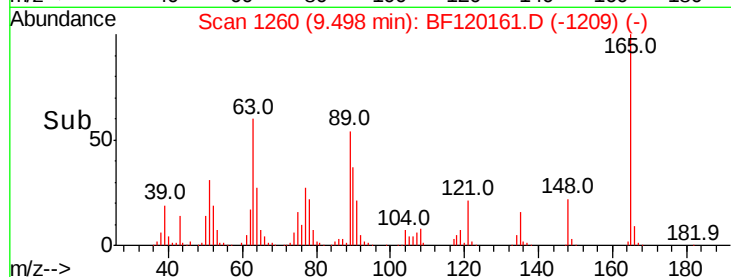
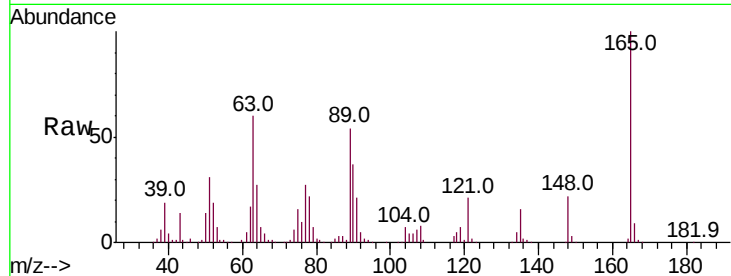
#51
2,6-Dinitrotoluene
Concen: 37.015 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.3	45.0	67.4	
89	53.7	41.5	62.3	

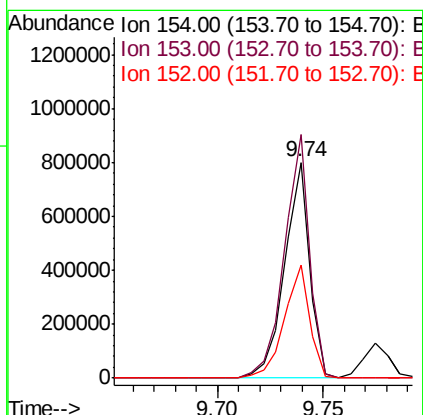
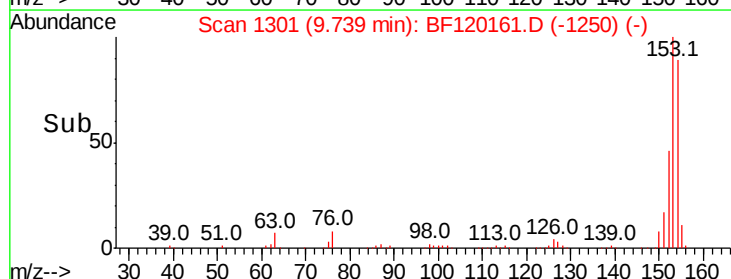
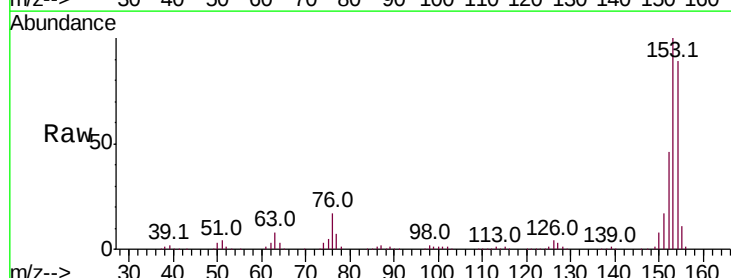
Manual Integrations
APPROVED

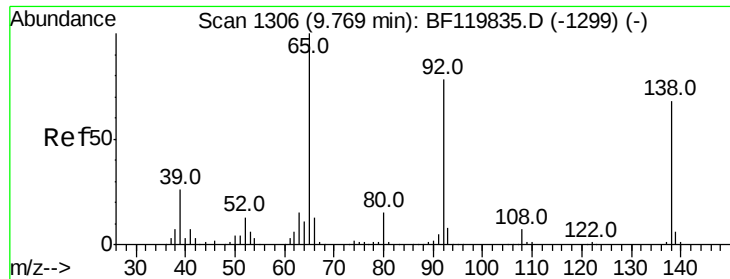
mohammad
4/24/2020 1:33:59 PM



#52
Acenaphthene
Concen: 34.380 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.9	88.1	132.1	
152	52.4	43.0	64.4	





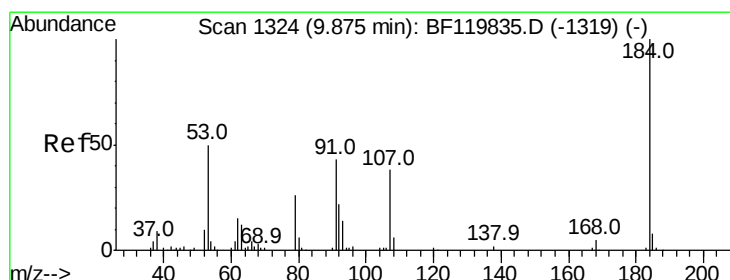
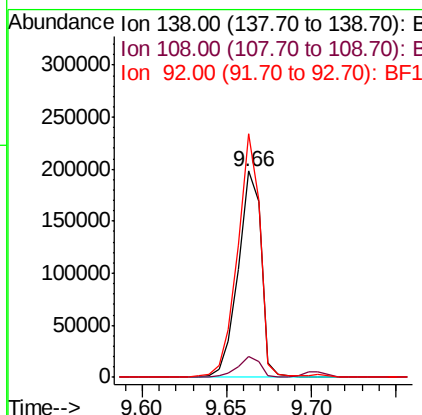
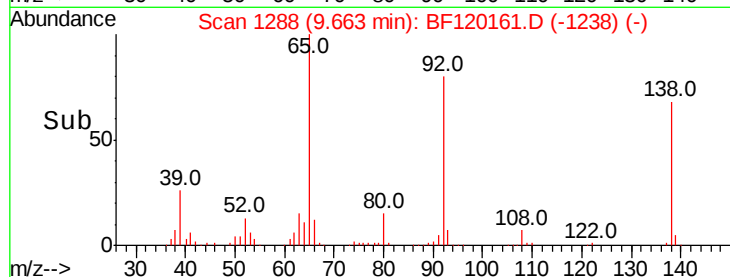
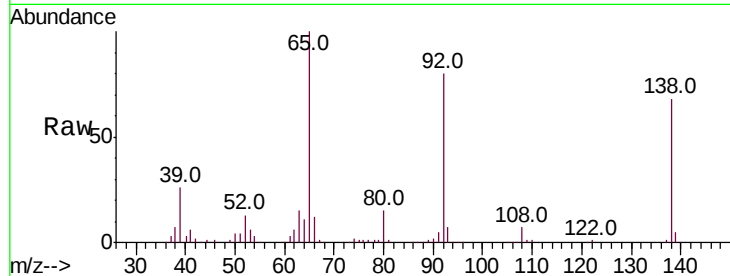
#53
 3-Nitroaniline
 Concen: 33.383 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	118.2	95.4	143.0

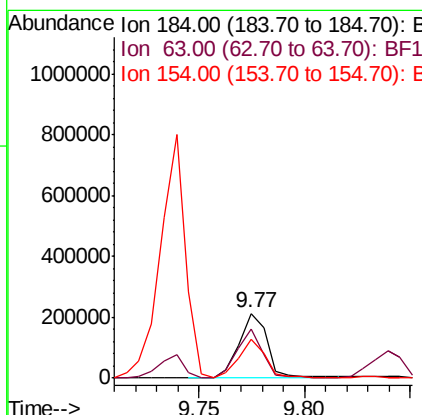
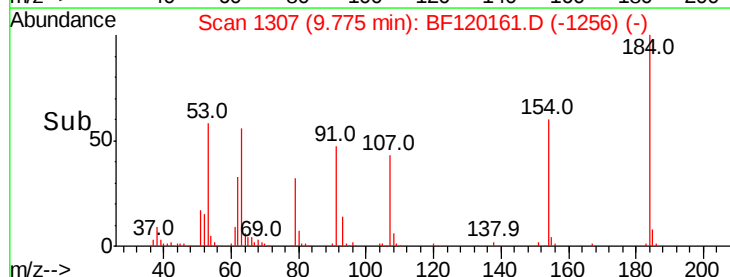
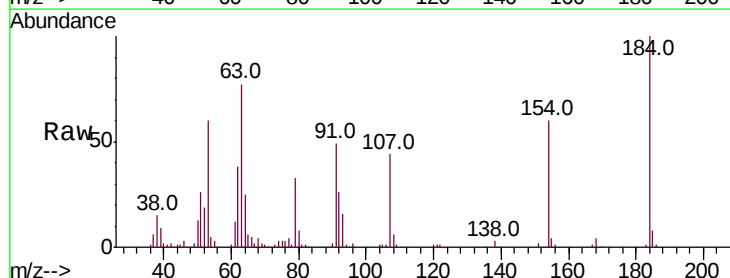
Manual Integrations
 APPROVED

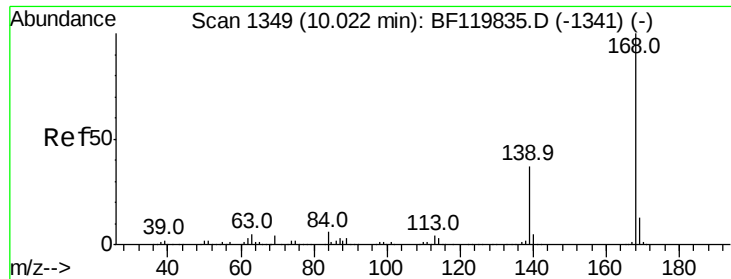
mohammad
 4/24/2020 1:33:59 PM



#54
 2,4-Dinitrophenol
 Concen: 66.959 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.7	50.2	75.4#
154	60.3	44.5	66.7





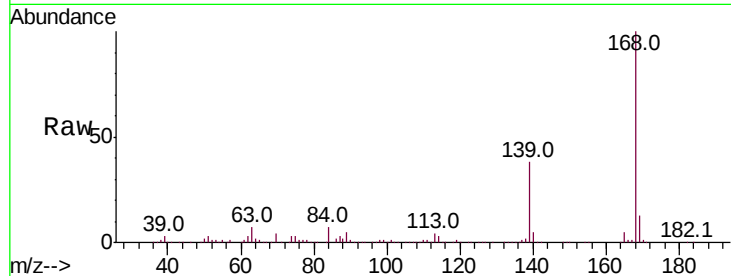
#55
Dibenzofuran
Concen: 38.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampled :
PB128435BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	13.4	11.0	16.6

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM

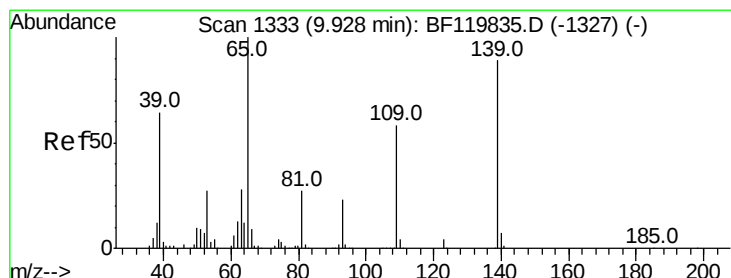
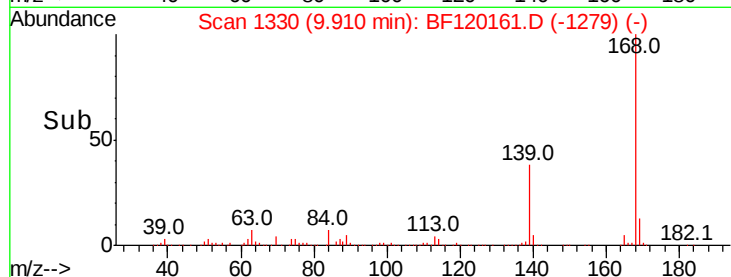
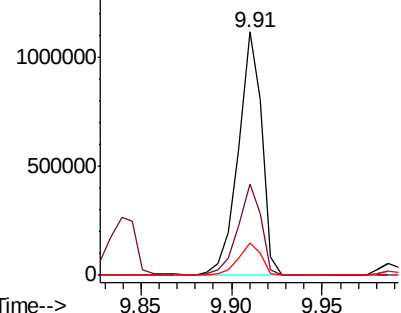


Abundance

Ion 168.00 (167.70 to 168.70): E

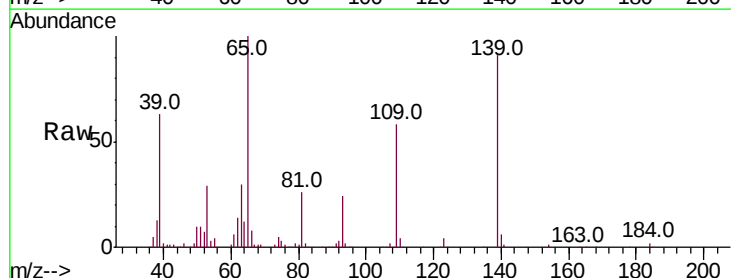
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 68.432 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.6	43.3	83.3
65	110.3	91.0	131.0

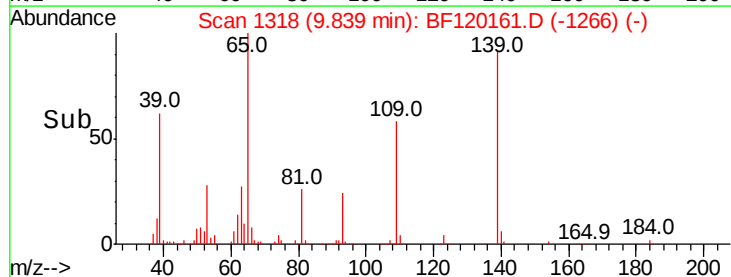
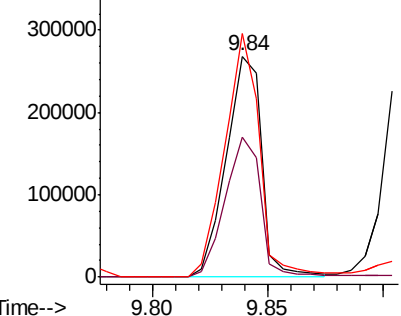


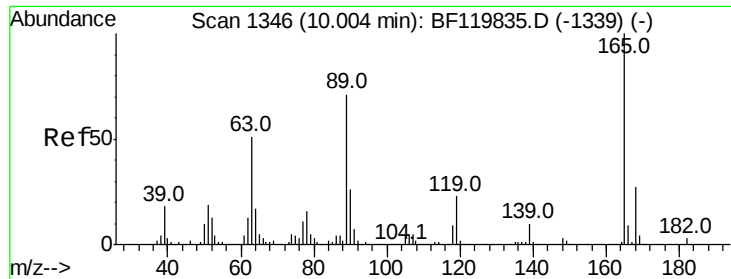
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





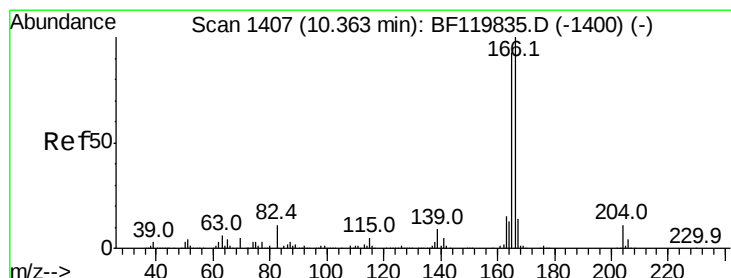
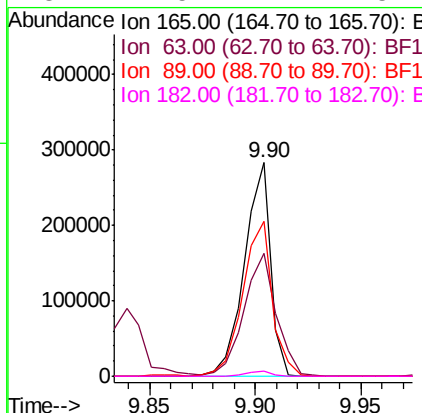
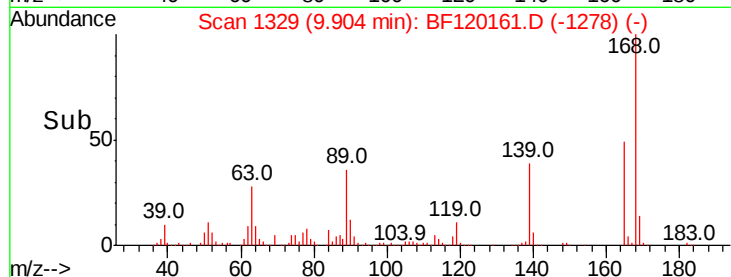
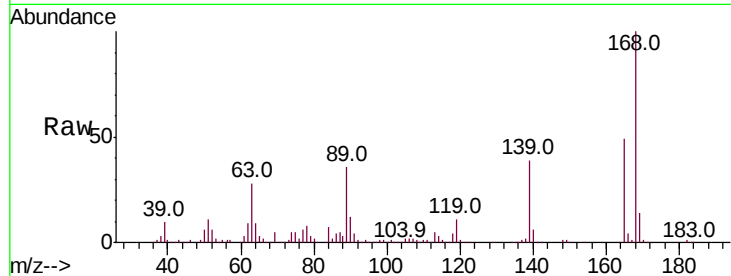
#57
2,4-Dinitrotoluene
Concen: 37.266 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	243720		
63	57.3	42.6	64.0	
89	72.6	61.0	91.4	
182	2.5	2.2	3.2	

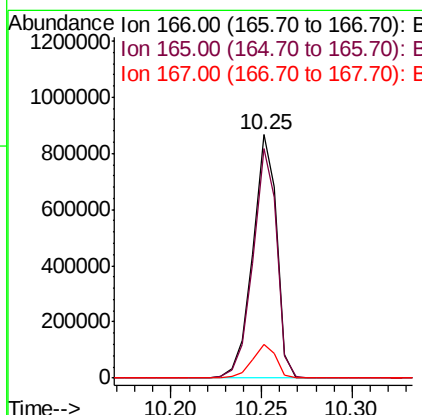
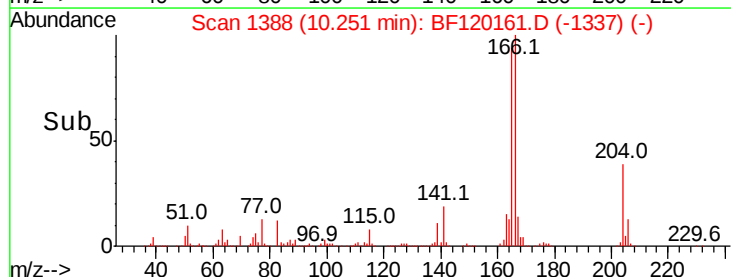
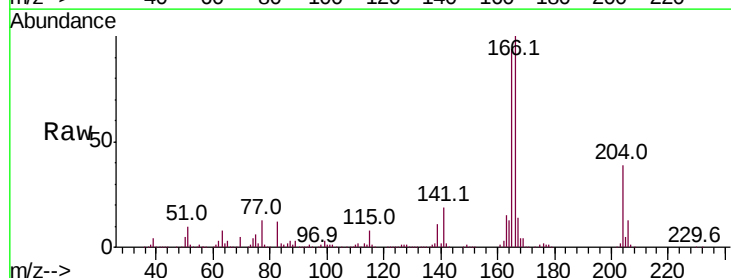
Manual Integrations
APPROVED

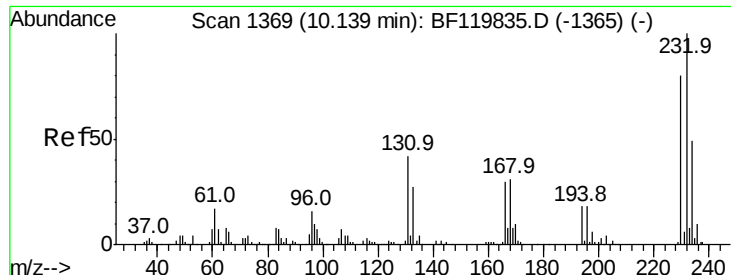
mohammad
4/24/2020 1:33:59 PM



#58
Fluorene
Concen: 37.373 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	792893		
165	94.3	75.4	113.2	
167	14.0	11.2	16.8	





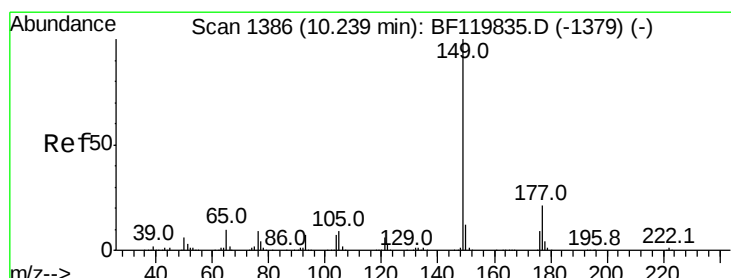
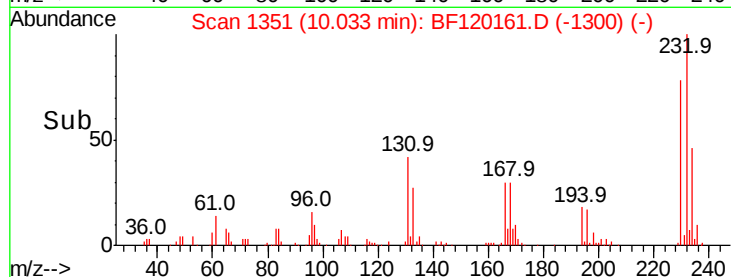
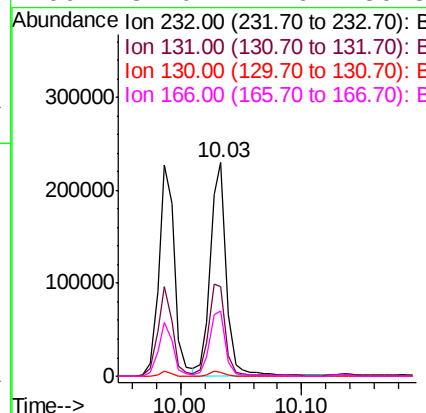
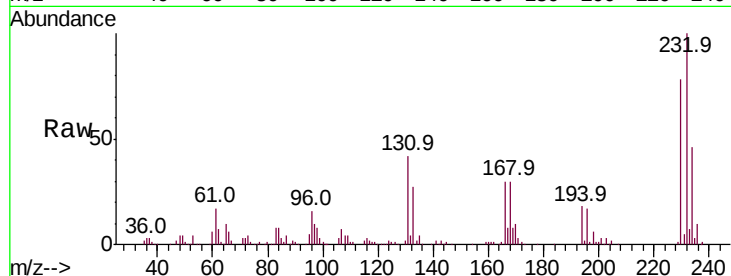
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.989 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	209170		
131	45.8		37.5	56.3
130	2.1		1.8	2.6
166	32.0		24.6	36.8

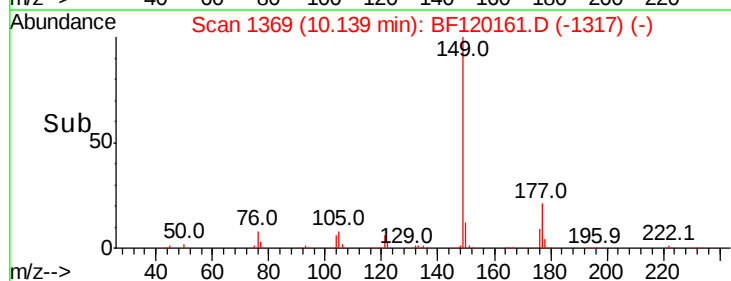
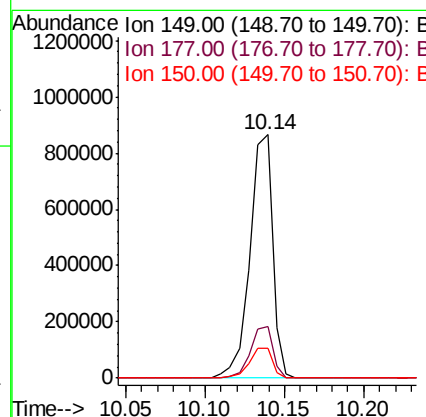
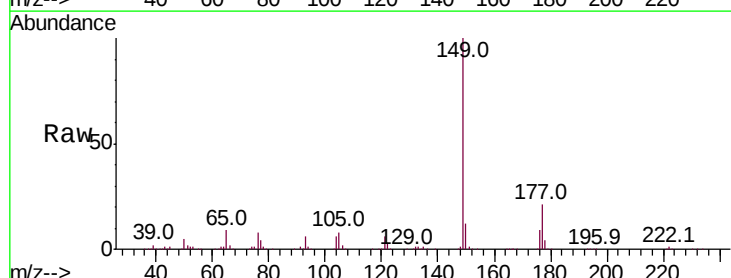
Manual Integrations
 APPROVED

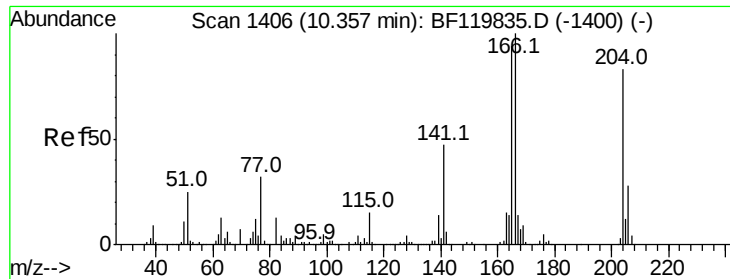
mohammad
 4/24/2020 1:33:59 PM



#60
 Diethylphthalate
 Concen: 36.656 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	861190		
177	21.2		17.0	25.6
150	12.3		10.1	15.1





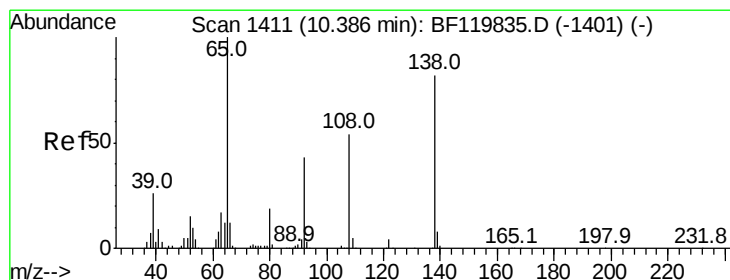
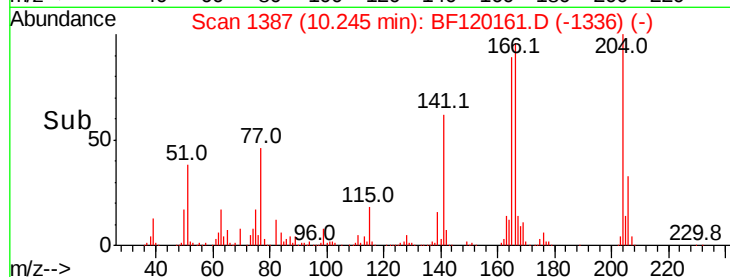
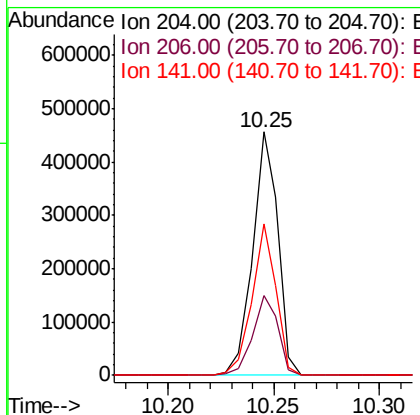
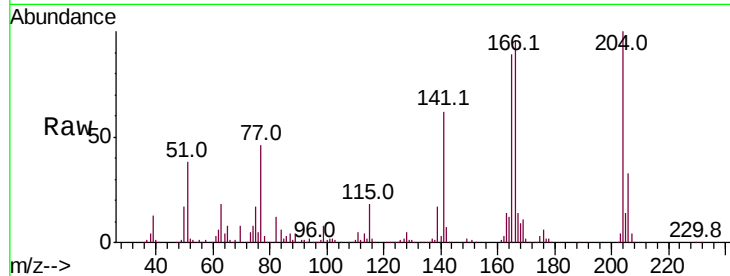
#61
4-Chlorophenyl-phenylether
Concen: 34.993 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.7	40.1
141	62.4	47.3	70.9

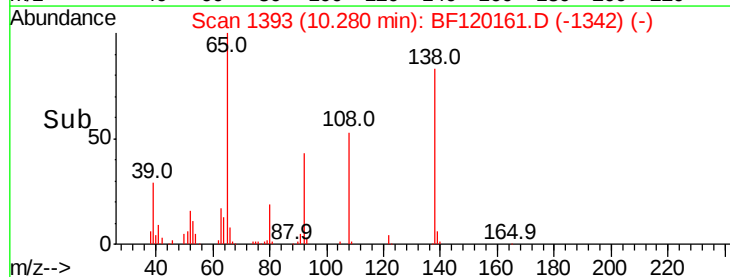
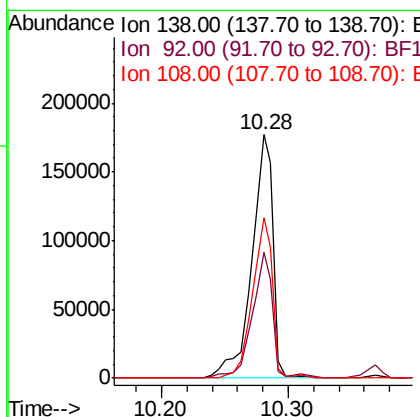
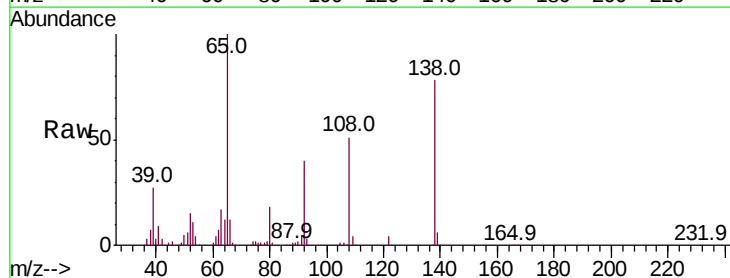
Manual Integrations
APPROVED

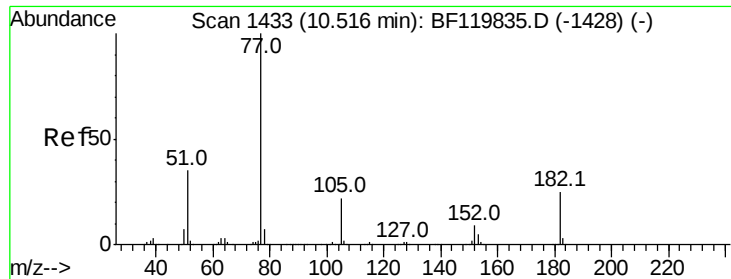
mohammad
4/24/2020 1:33:59 PM



#62
4-Nitroaniline
Concen: 38.430 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.5	71.5
108	65.9	45.8	85.8





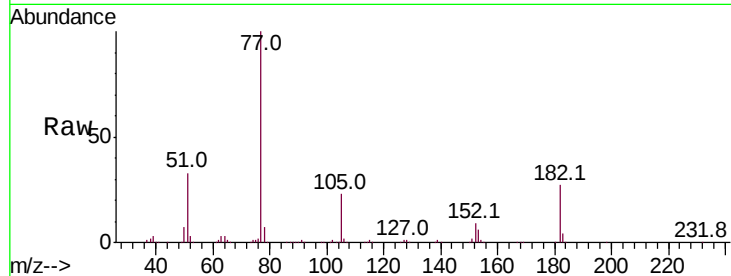
#63
Azobenzene
Concen: 38.751 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

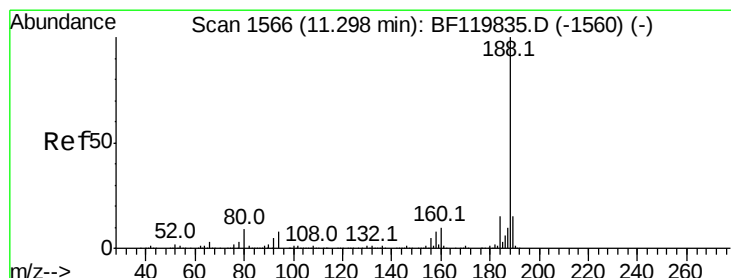
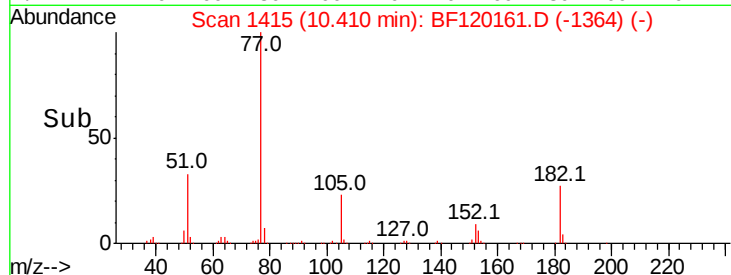
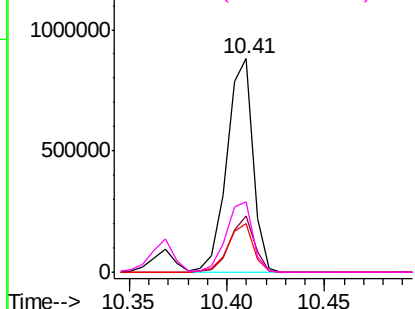
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.4	44.4
105	22.9	2.6	42.6
51	32.8	15.1	55.1

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



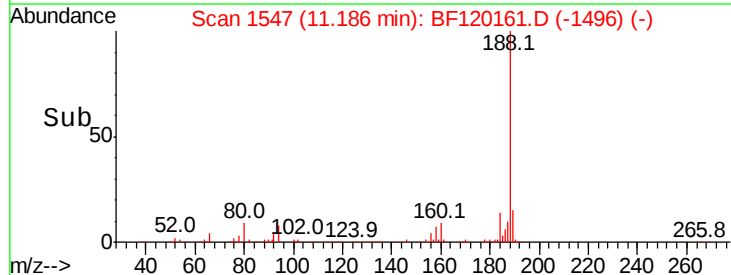
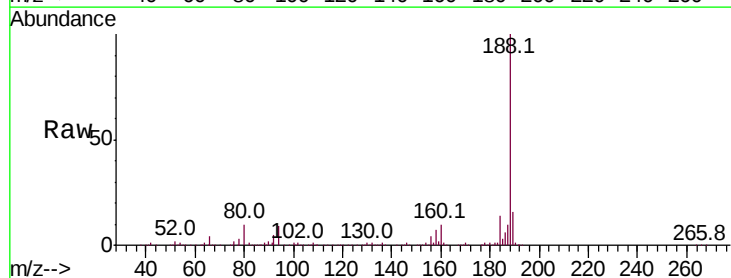
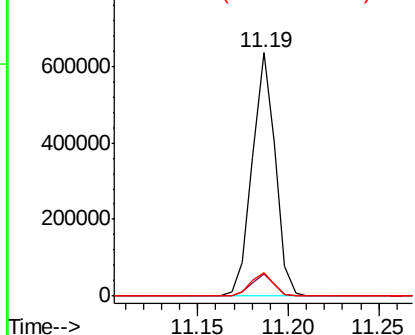
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

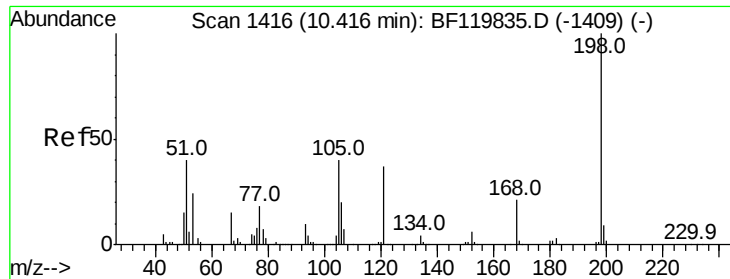


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	9.6	9.0	13.4

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





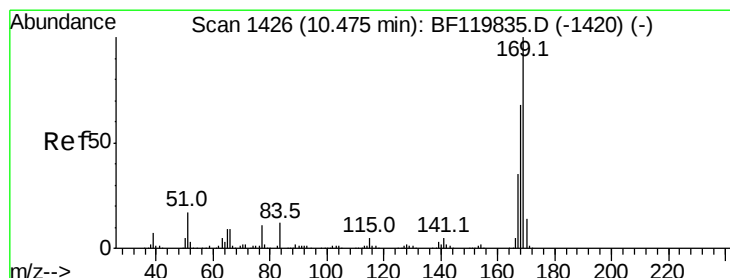
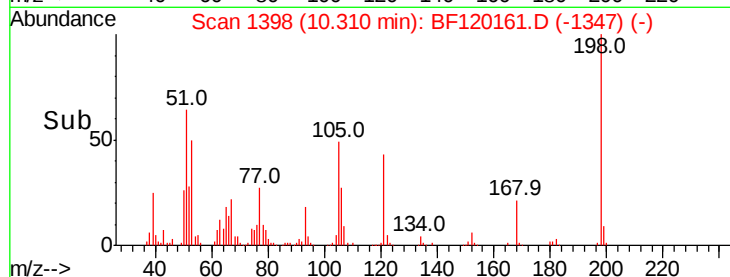
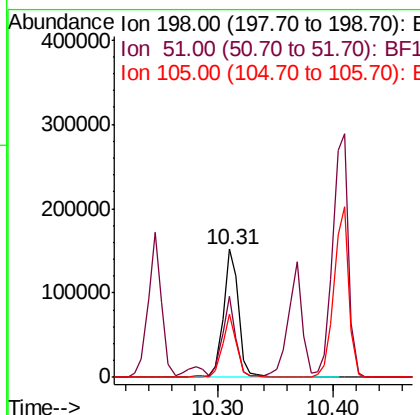
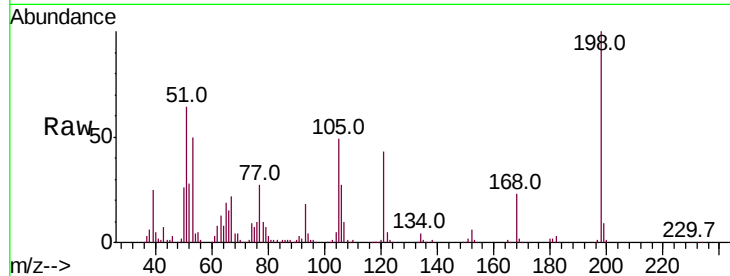
#65
4,6-Dinitro-2-methylphenol
Concen: 37.550 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	138702		
51	63.7	29.0	69.0	
105	49.2	22.2	62.2	

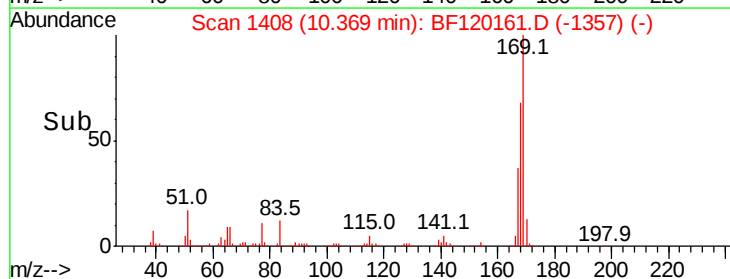
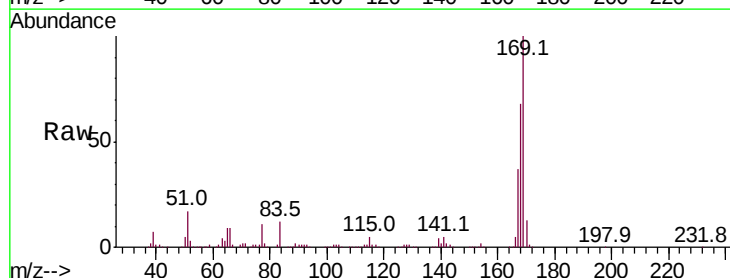
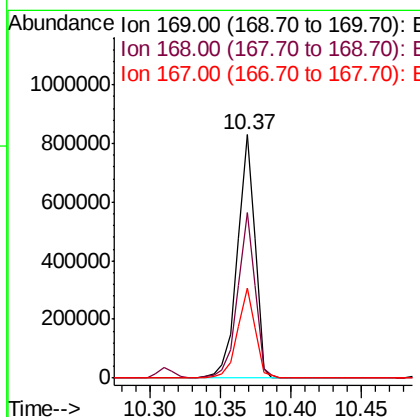
Manual Integrations
APPROVED

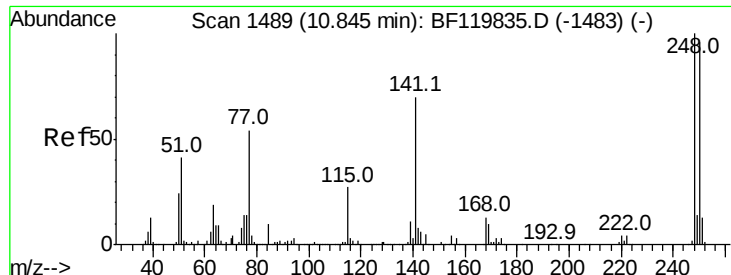
mohammad
4/24/2020 1:33:59 PM



#66
n-Nitrosodiphenylamine
Concen: 38.545 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	718736		
168	68.0	53.2	79.8	
167	37.0	29.1	43.7	





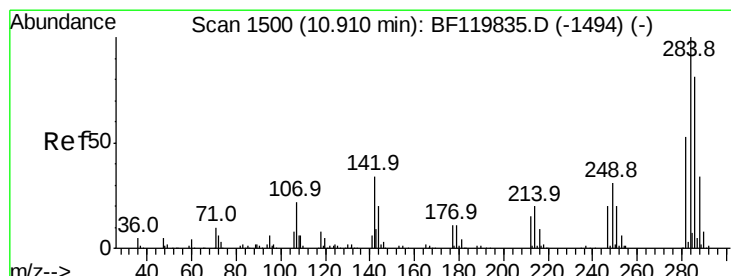
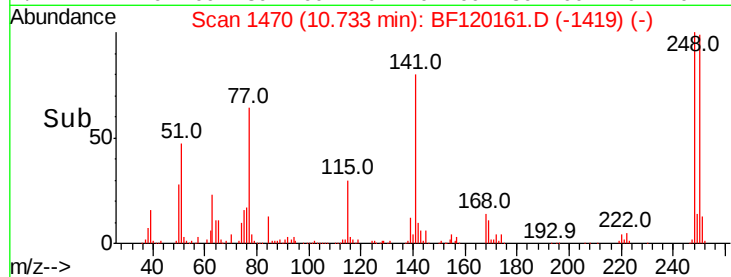
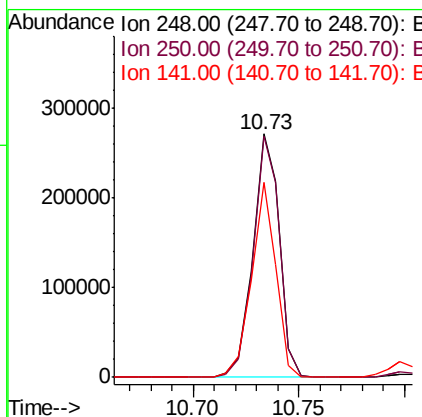
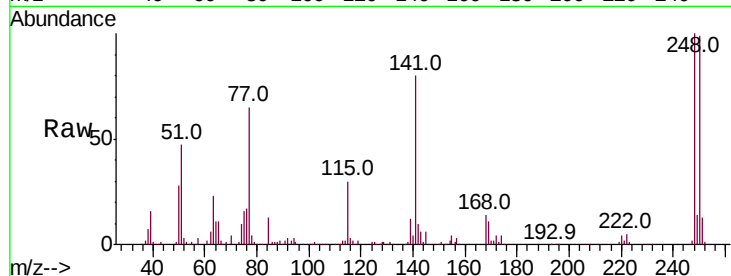
#67
 4-Bromophenyl-phenylether
 Concen: 33.891 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

Tot Ion:	248	Resp:	236305
Ion Ratio	Lower	Upper	
248	100		
250	99.1	77.3	115.9
141	80.0	58.6	87.8

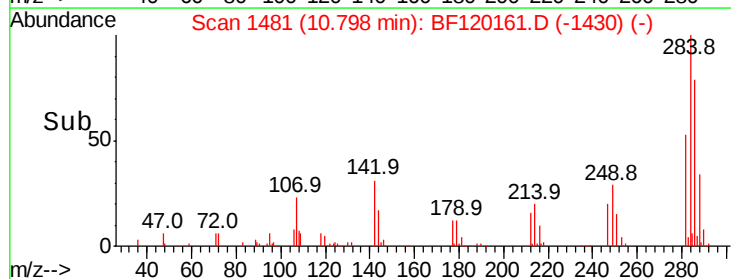
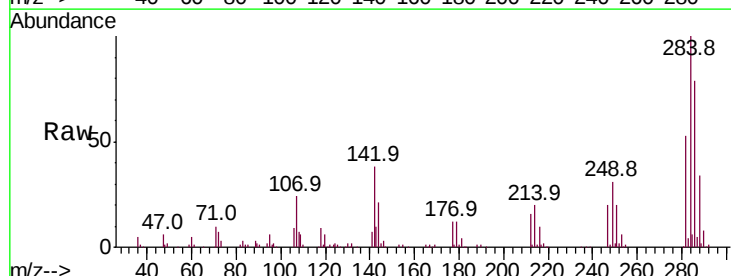
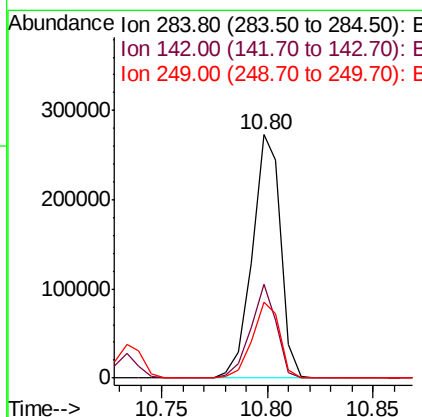
Manual Integrations
 APPROVED

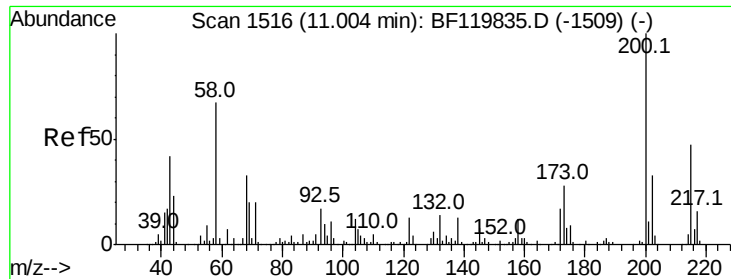
mohammad
 4/24/2020 1:33:59 PM



#68
 Hexachlorobenzene
 Concen: 36.027 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Tgt Ion:	284	Resp:	254832
Ion Ratio	Lower	Upper	
284	100		
142	38.5	29.2	43.8
249	31.4	25.1	37.7





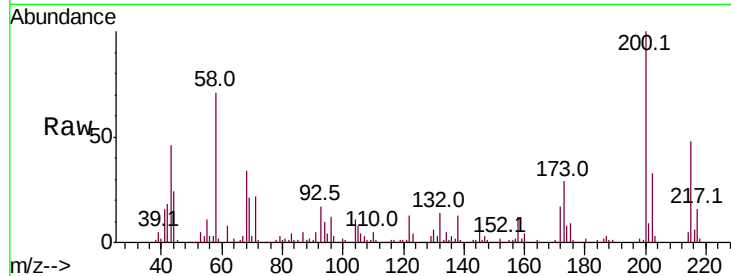
#69
Atrazine
Concen: 42.457 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

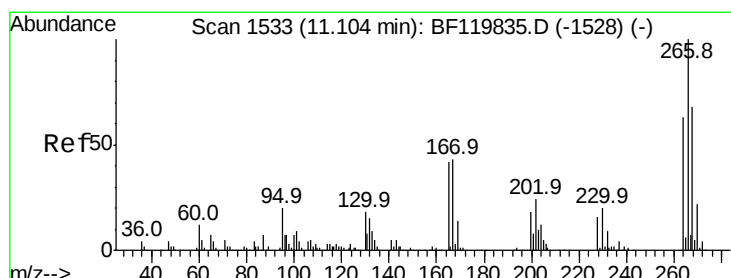
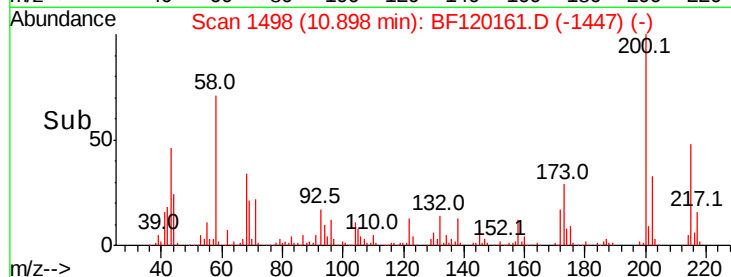
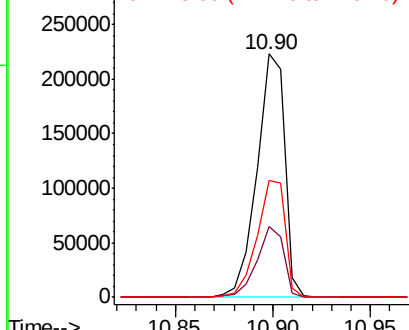
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.3	9.3	49.3
215	47.8	29.5	69.5

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



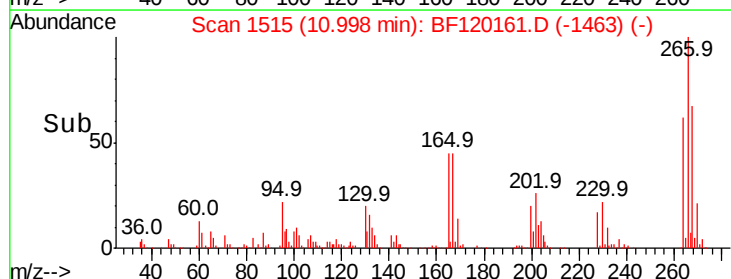
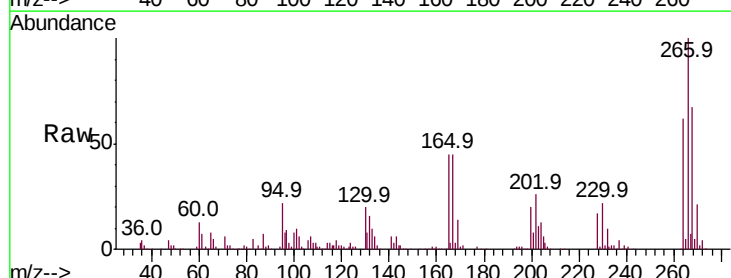
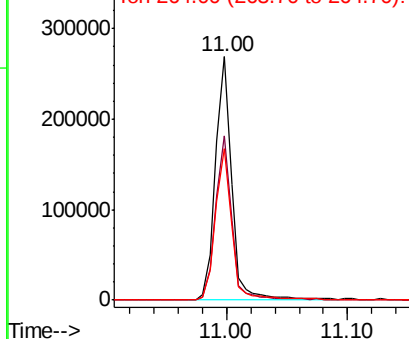
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

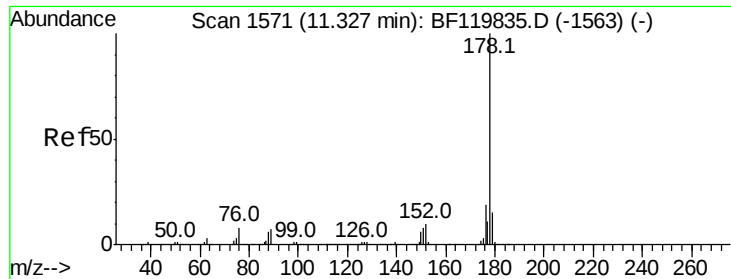


#70
Pentachlorophenol
Concen: 61.009 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.2	53.3	79.9
264	62.0	49.0	73.4

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





#71

Phenanthrene

Concen: 38.393 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128435BS

Tot Ion:178 Resp: 1145635

Ion Ratio Lower Upper

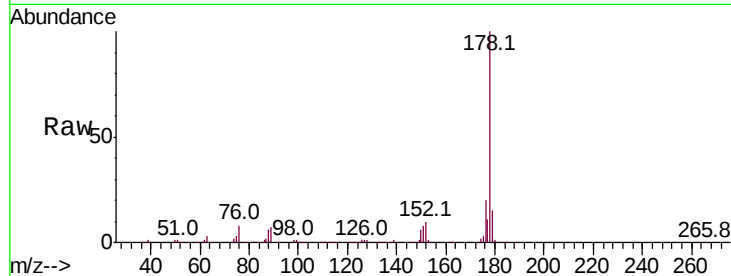
178 100

176 19.5 16.2 24.4

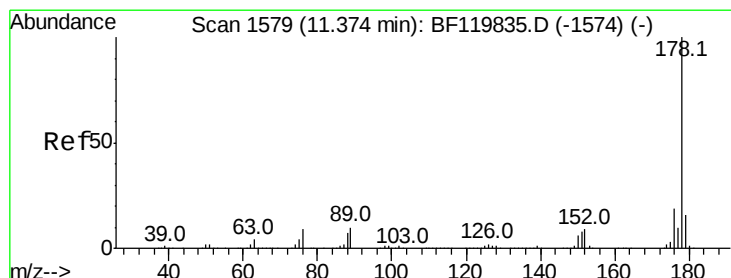
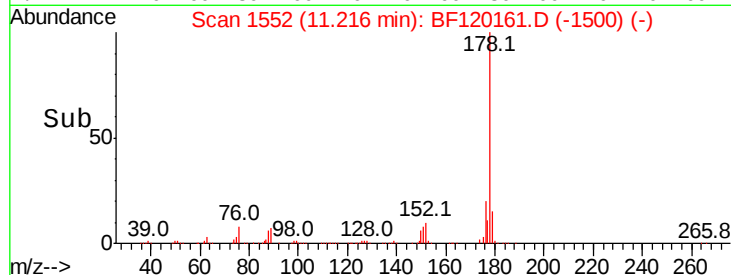
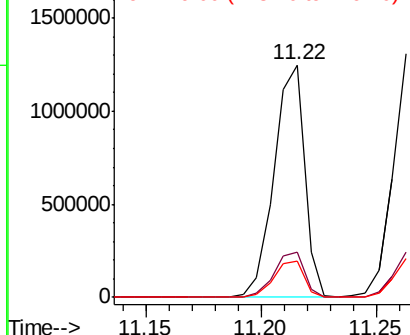
179 15.4 13.2 19.8

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.327 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Tgt Ion:178 Resp: 1198817

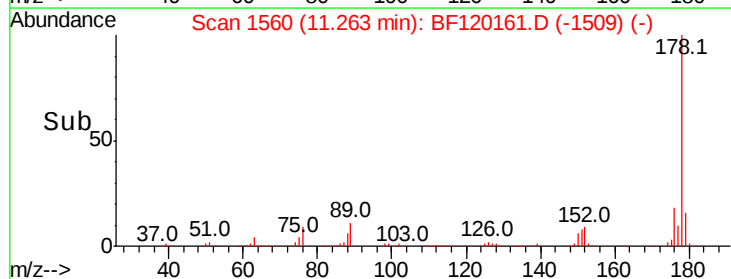
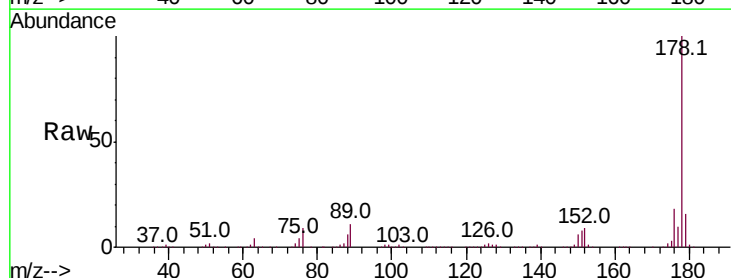
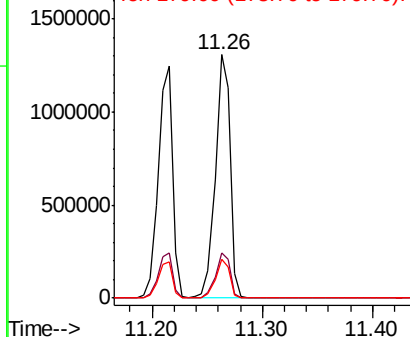
Ion Ratio Lower Upper

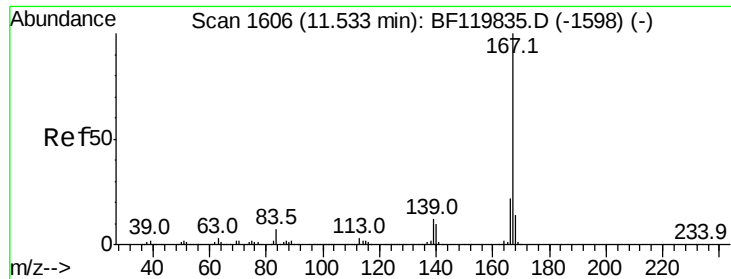
178 100

176 18.3 16.1 24.1

179 15.9 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





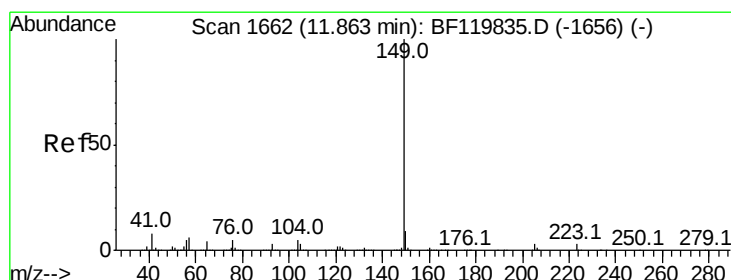
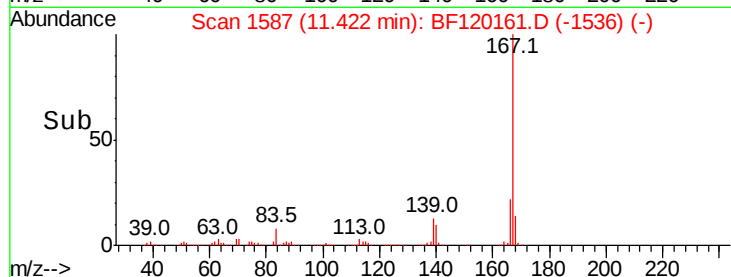
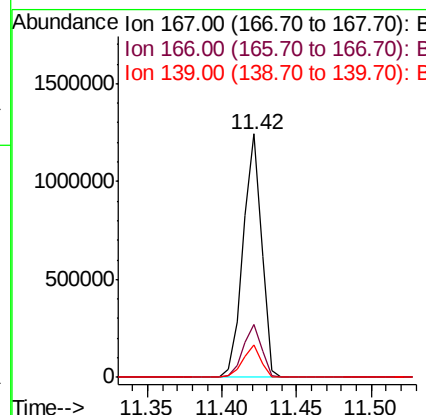
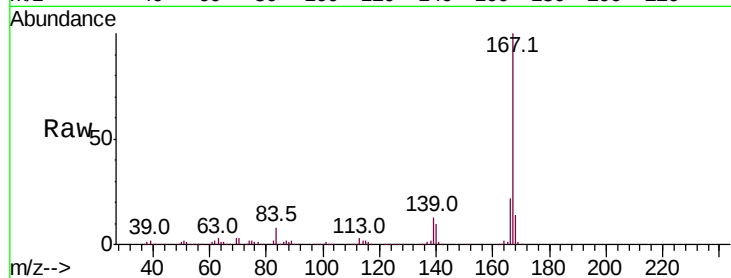
#73
 Carbazole
 Concen: 37.522 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BS

Tot Ion:167 Resp: 1081637
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.4
 139 13.1 10.7 16.1

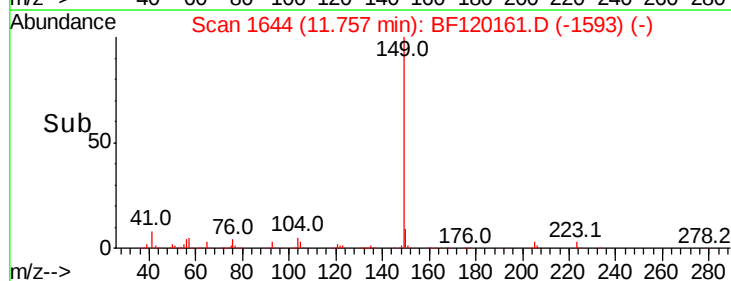
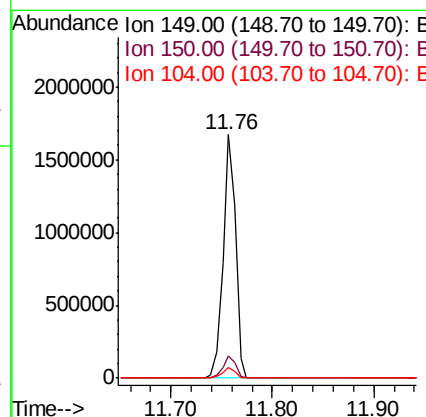
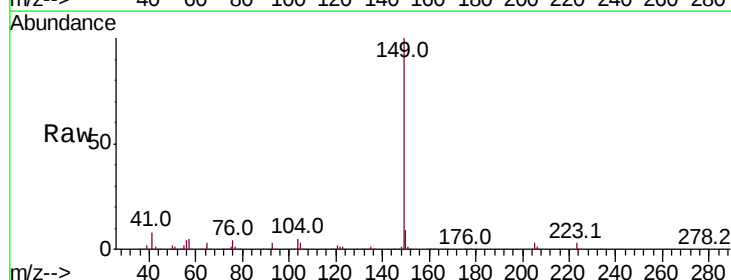
Manual Integrations
 APPROVED

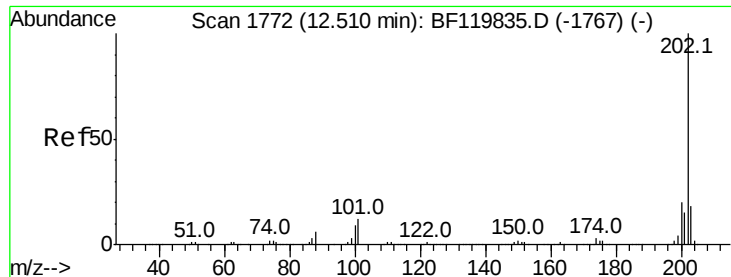
mohammad
 4/24/2020 1:33:59 PM



#74
 Di-n-butylphthalate
 Concen: 37.292 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF120161.D
 Acq: 23 Apr 2020 14:16

Tgt Ion:149 Resp: 1413199
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 38.917 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

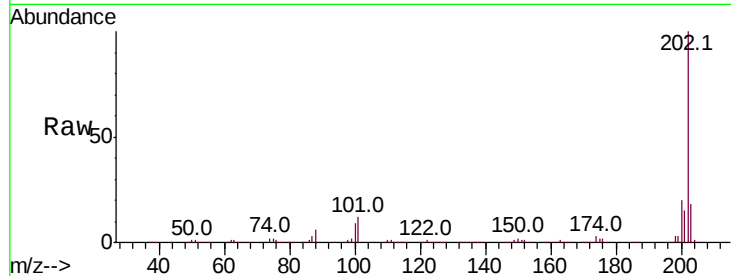
ClientSampleId :

PB128435BS

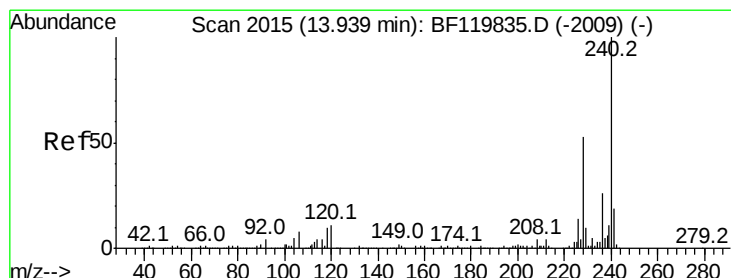
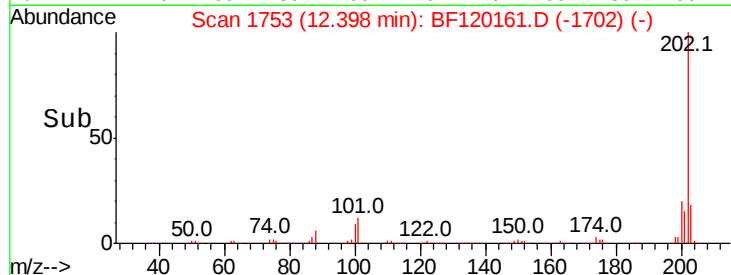
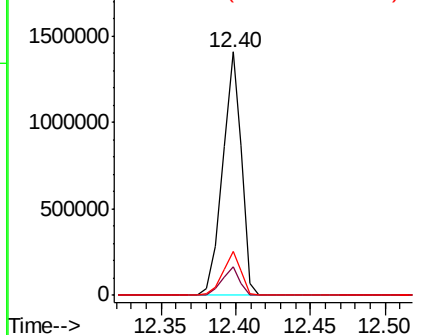
Tot Ion:	202	Resp:	1253000
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.2
203	18.2	0.0	38.8

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

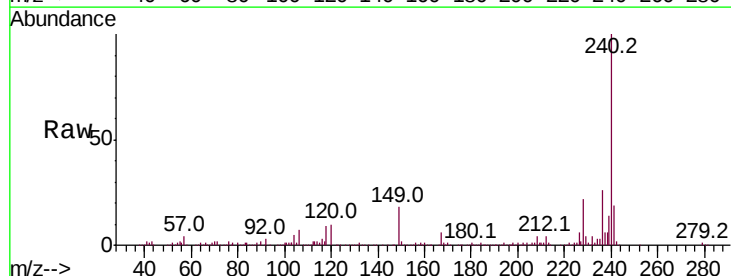
RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

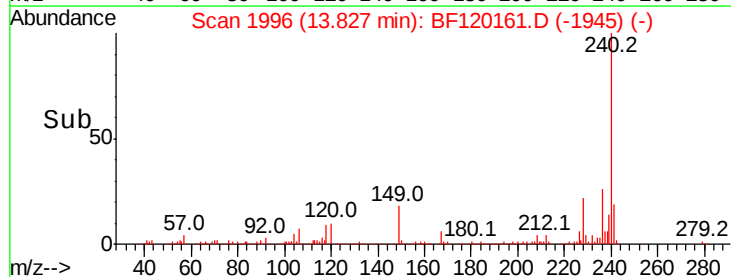
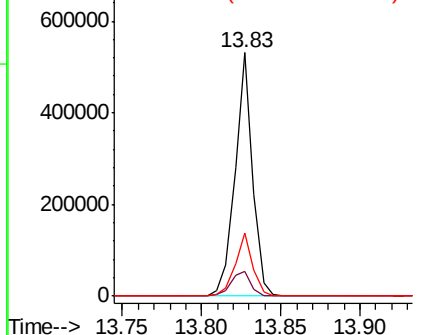
Lab File: BF120161.D

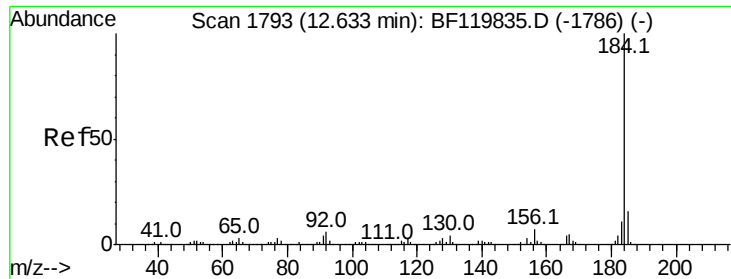
Acq: 23 Apr 2020 14:16

Tgt Ion:	240	Resp:	407578
Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.6	15.8#
236	26.2	20.2	30.2



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





#77

Benzidine

Concen: 63.186 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128435BS

Tot Ion:184 Resp: 870539

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

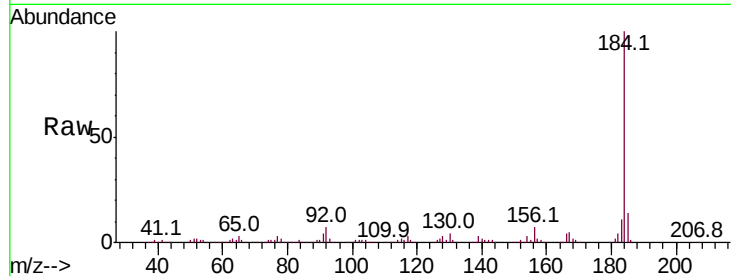
183 11.3 9.0 13.6

Manual Integrations

APPROVED

mohammad

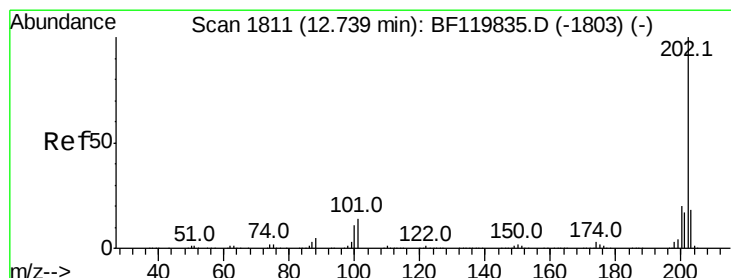
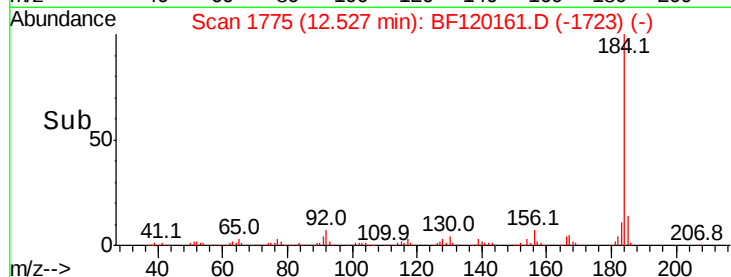
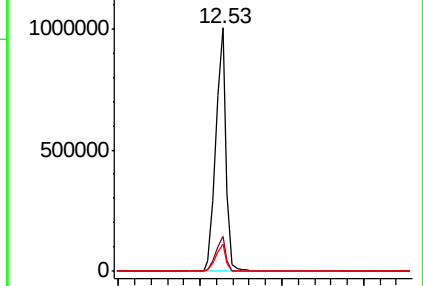
4/24/2020 1:33:59 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.711 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

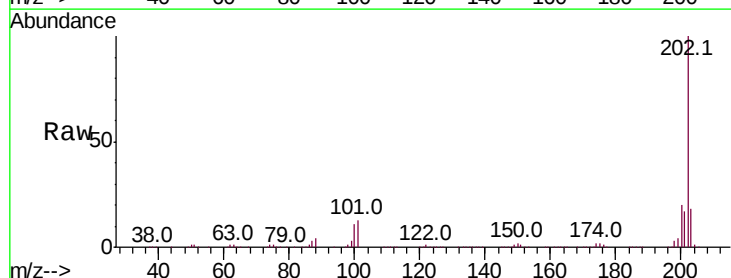
Tgt Ion:202 Resp: 1261368

Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

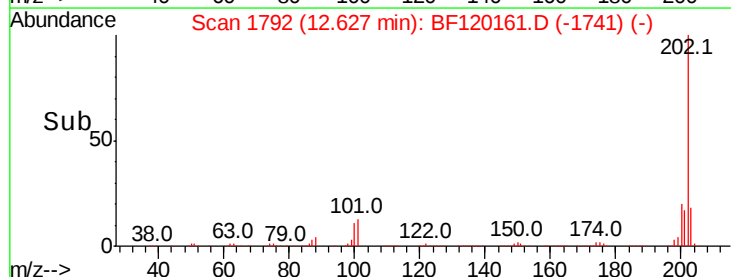
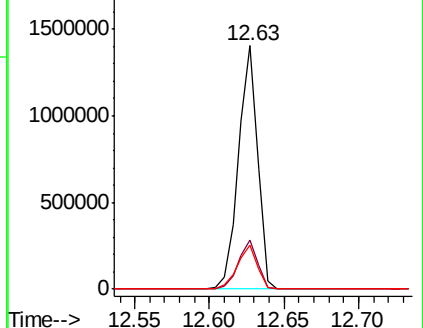
203 17.8 15.1 22.7

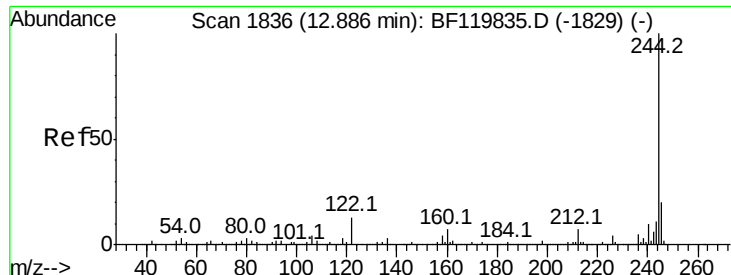


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.931 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

ClientSampleId :

PB128435BS

Tot Ion:244 Resp: 1669671

Ion Ratio Lower Upper

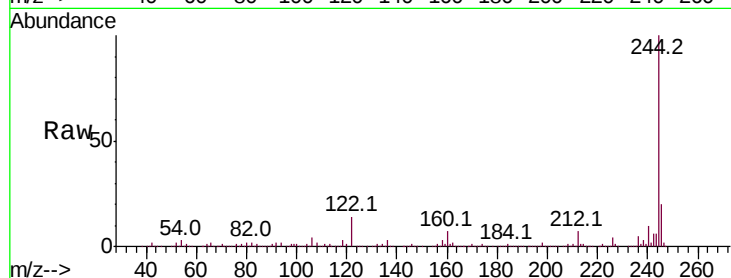
244 100

212 7.2 5.8 8.8

122 14.2 10.3 15.5

Manual Integrations
APPROVED

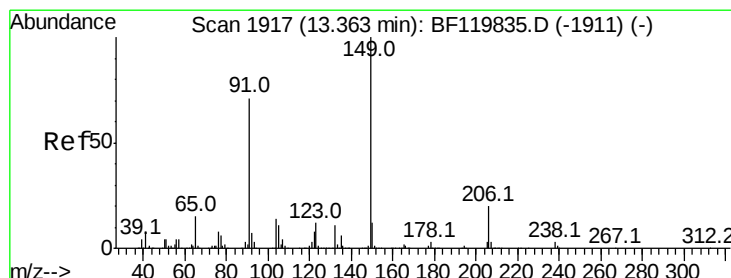
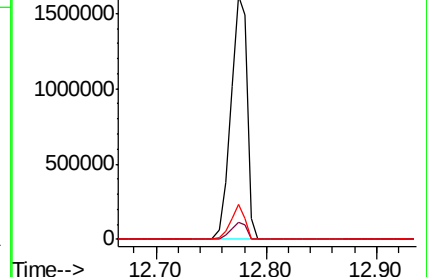
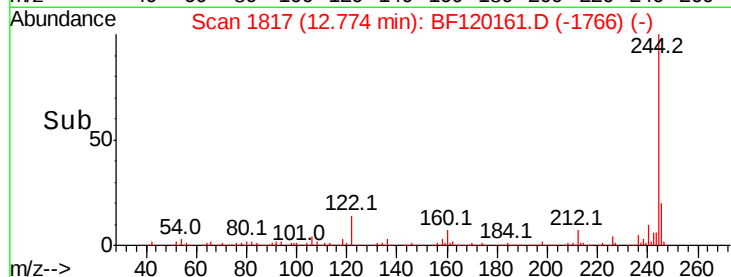
mohammad
4/24/2020 1:33:59 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.645 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

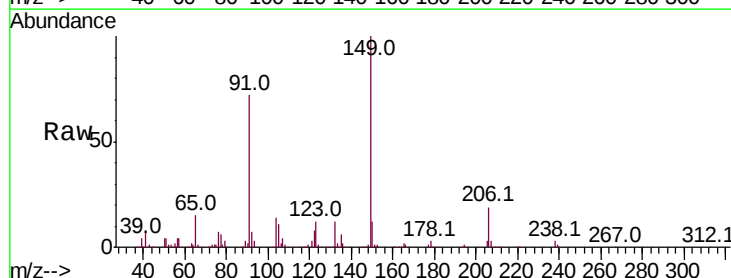
Tgt Ion:149 Resp: 577612

Ion Ratio Lower Upper

149 100

91 72.5 54.7 82.1

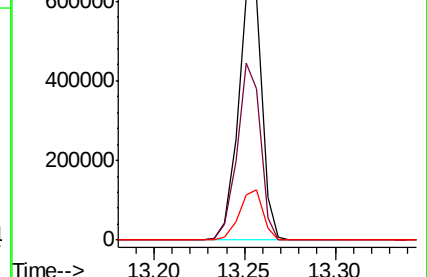
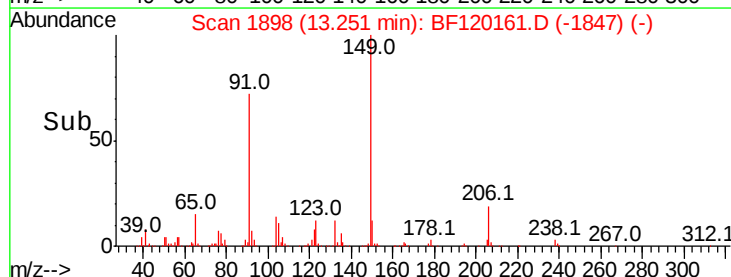
206 18.7 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.179 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

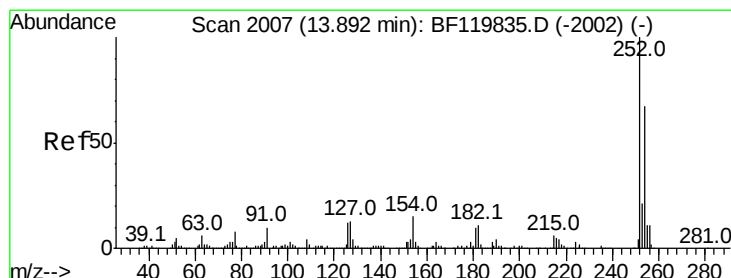
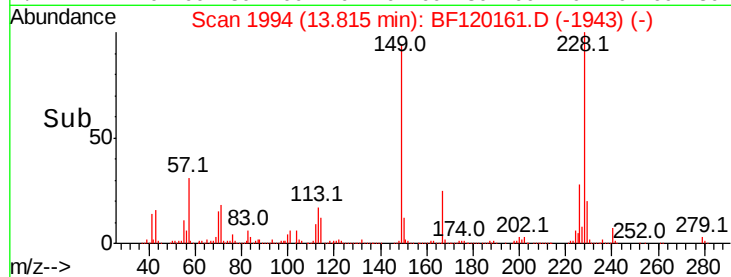
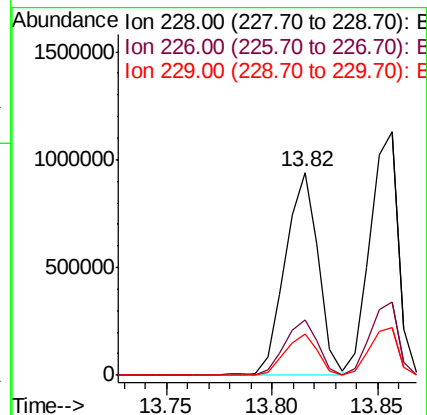
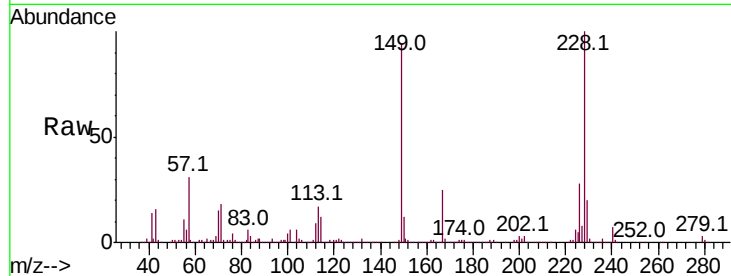
ClientSampleId :

PB128435BS

Tot Ion:	228	Resp:	1023684
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.1	16.2	24.4

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



#82

3,3'-Dichlorobenzidine

Concen: 33.628 ng

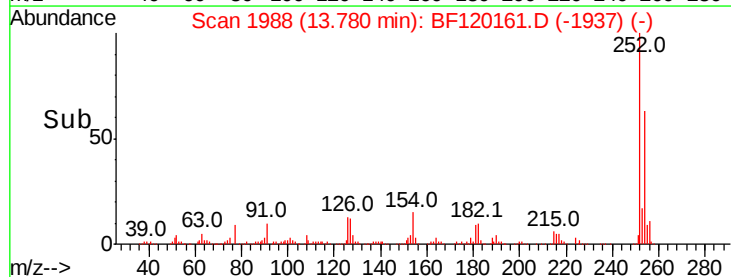
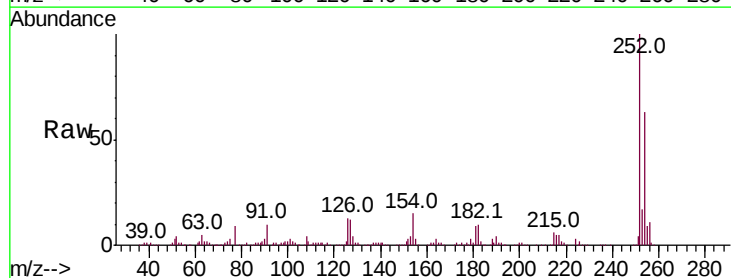
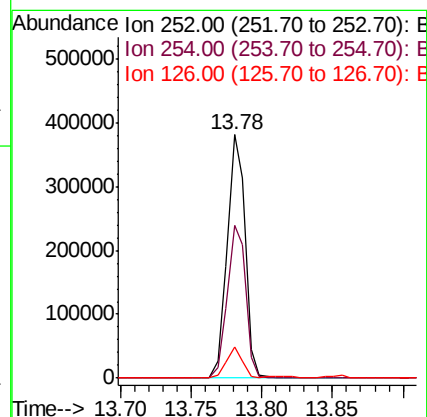
RT: 13.78 min Scan# 1988

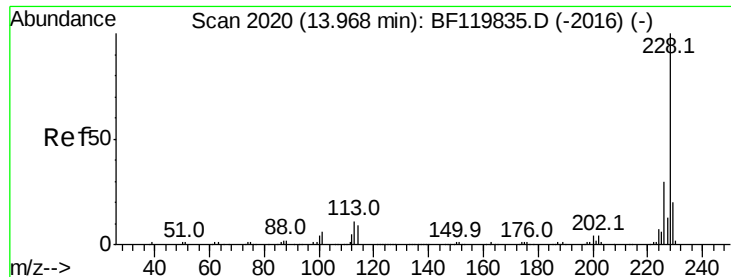
Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Tgt Ion:	252	Resp:	336430
Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.2	76.8
126	12.6	9.6	14.4





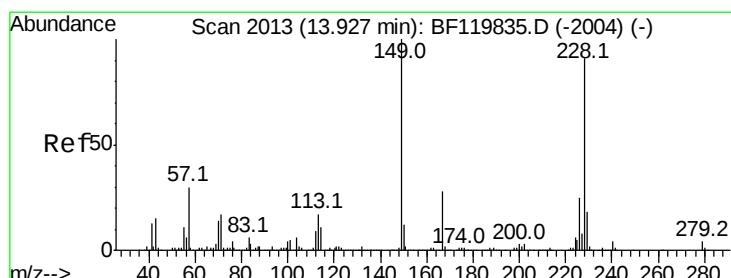
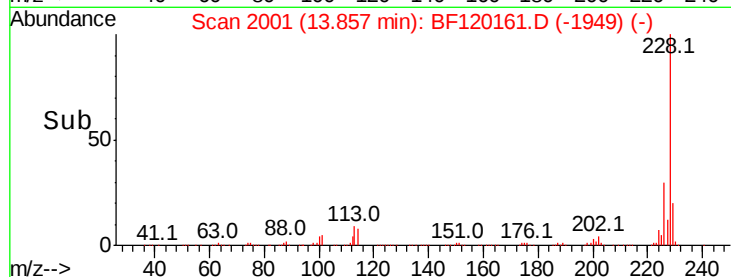
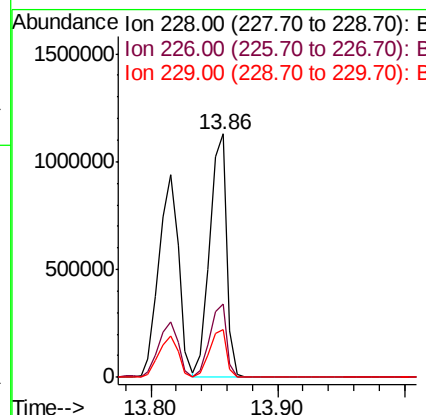
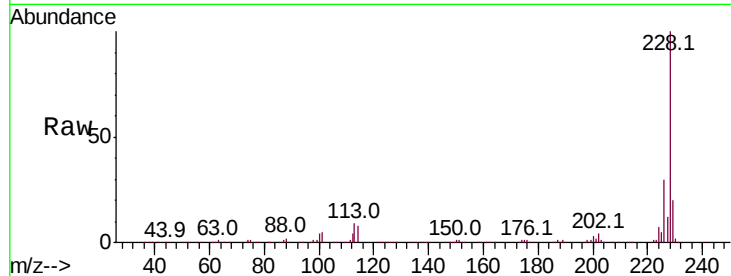
#83
Chrysene
Concen: 38.777 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion:228 Resp: 1056469
Ion Ratio Lower Upper
228 100
226 30.2 25.4 38.0
229 19.6 16.6 24.8

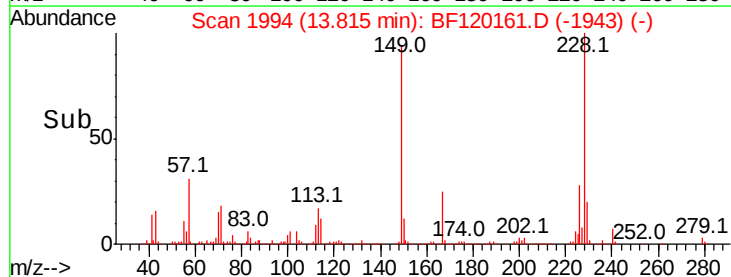
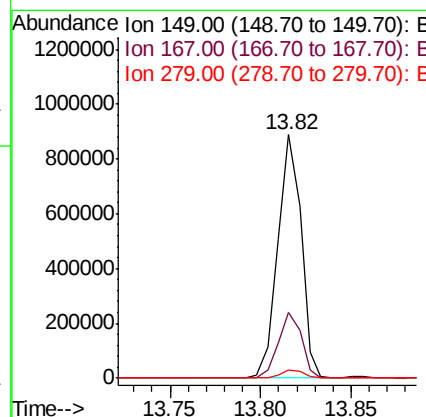
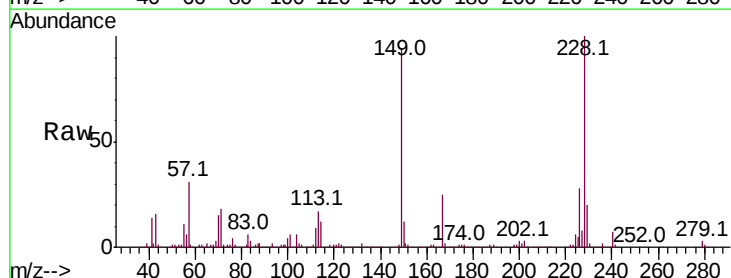
Manual Integrations
APPROVED

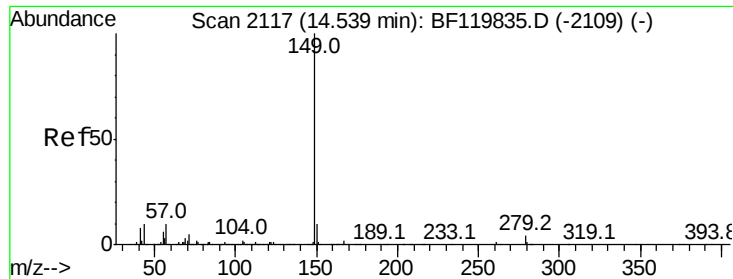
mohammad
4/24/2020 1:33:59 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.306 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion:149 Resp: 797130
Ion Ratio Lower Upper
149 100
167 26.7 21.3 31.9
279 3.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 36.026 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

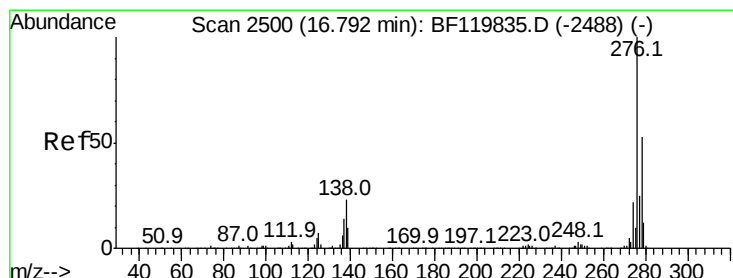
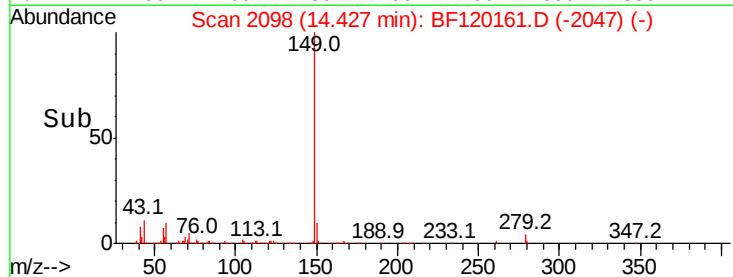
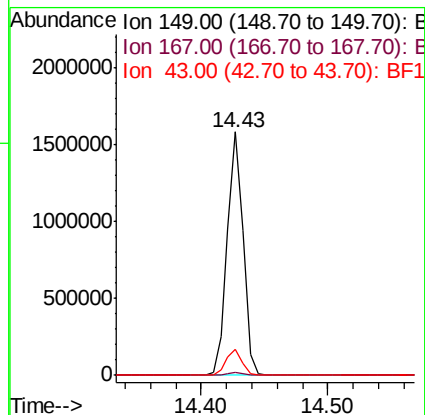
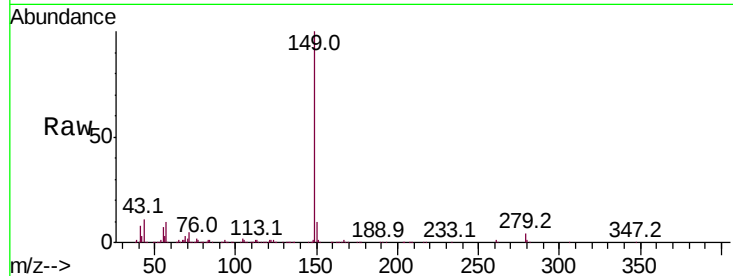
ClientSampleId :

PB128435BS

Tot Ion:	149	Resp:	1384953
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.0	9.3	13.9

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.722 ng

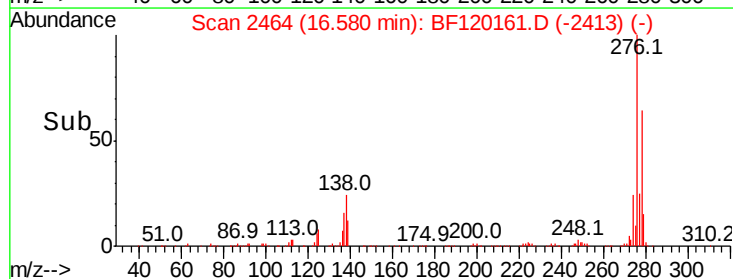
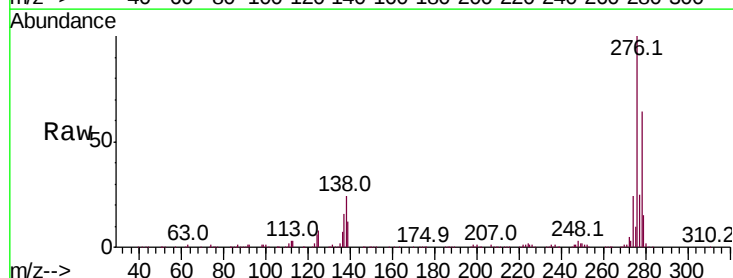
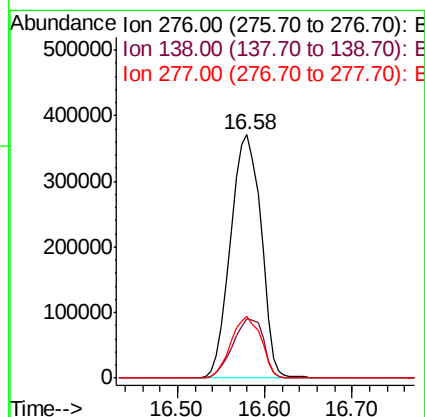
RT: 16.58 min Scan# 2464

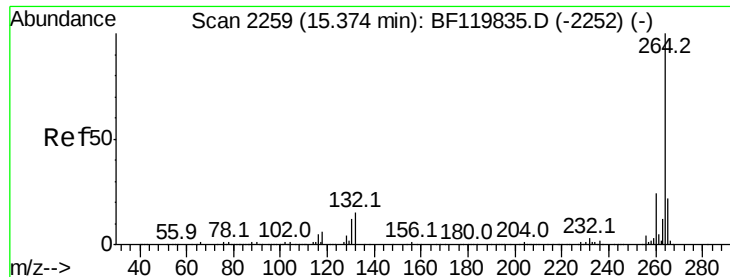
Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Tgt Ion:	276	Resp:	881910
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.6	29.4
277	25.1	20.0	30.0





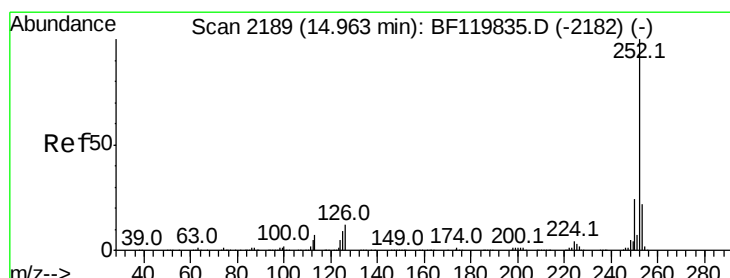
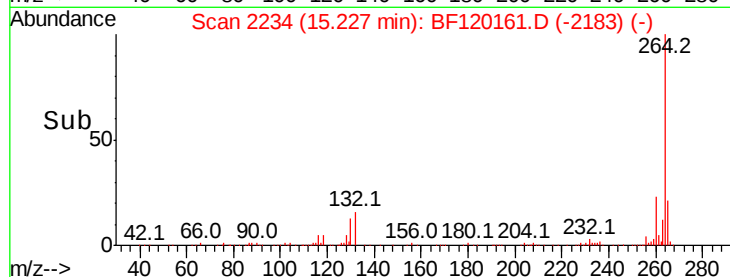
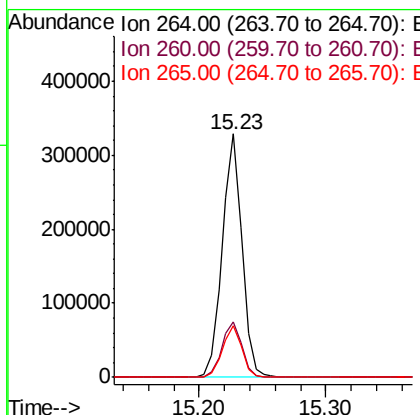
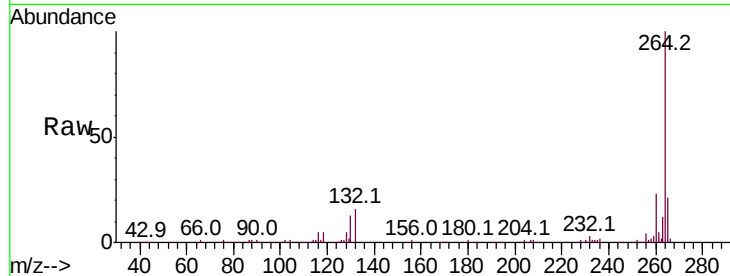
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.0	17.7	26.5

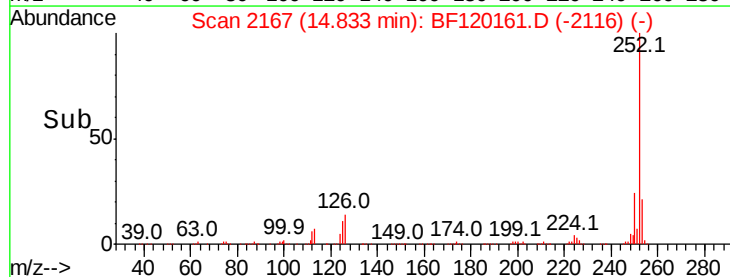
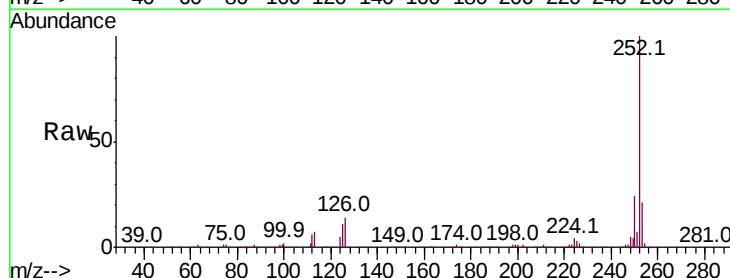
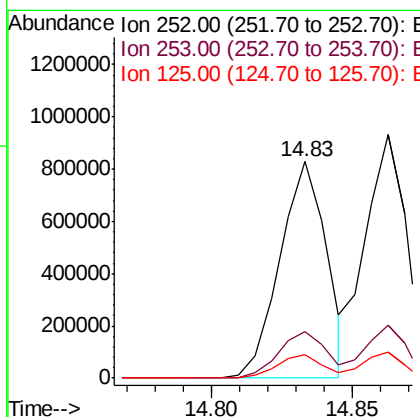
Manual Integrations
APPROVED

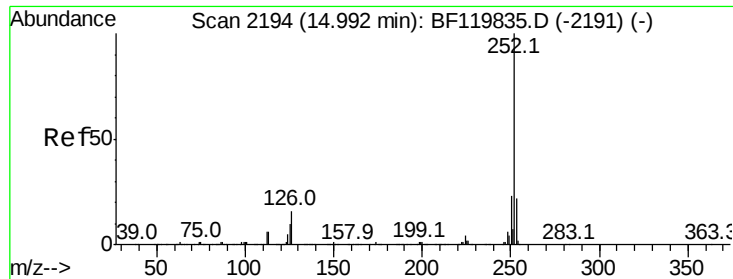
mohammad
4/24/2020 1:33:59 PM



#88
Benzo(b)fluoranthene
Concen: 37.174 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	10.7	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 42.460 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Instrument :

BNA_F

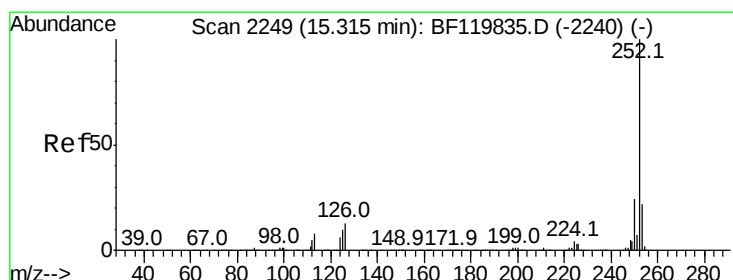
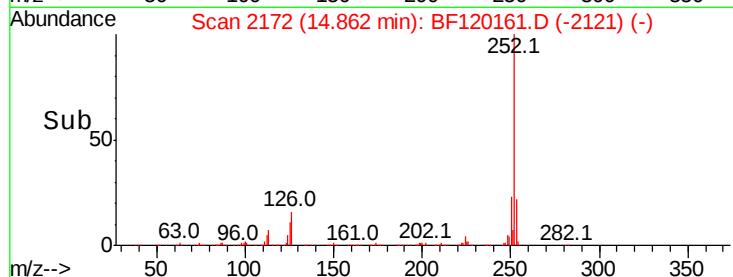
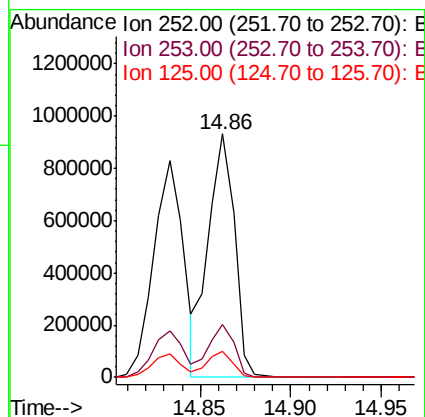
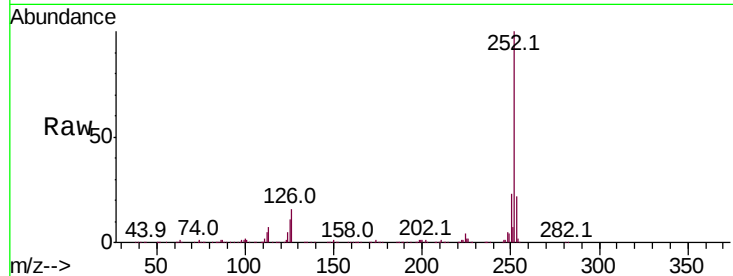
ClientSampleId :

PB128435BS

Tot Ion:	252	Resp:	937040
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	10.7	8.4	12.6

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



#90

Benzo(a)pyrene

Concen: 37.570 ng

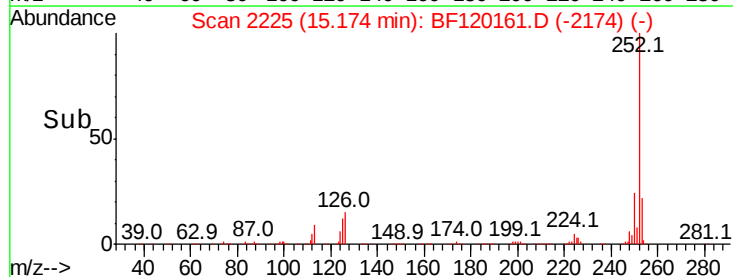
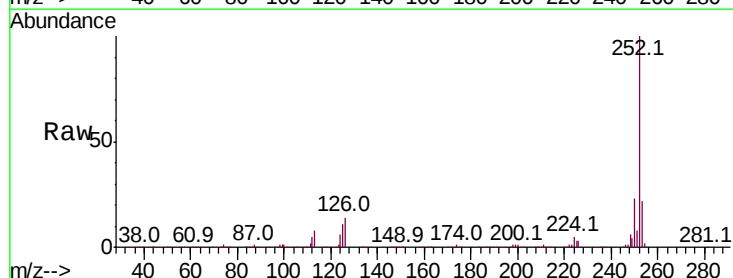
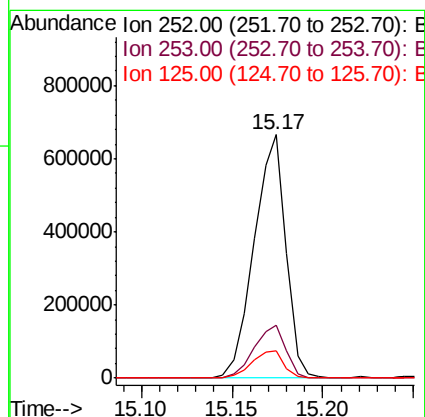
RT: 15.17 min Scan# 2225

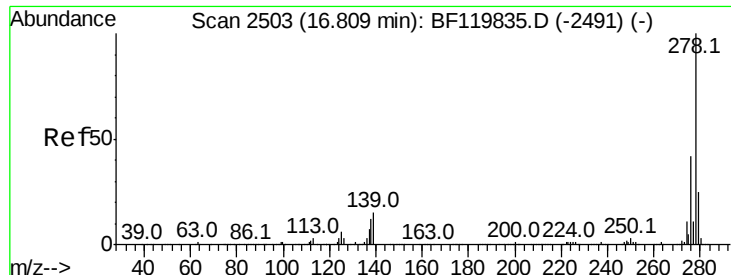
Delta R.T. -0.00 min

Lab File: BF120161.D

Acq: 23 Apr 2020 14:16

Tgt Ion:	252	Resp:	807974
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.2
125	11.1	9.4	14.2





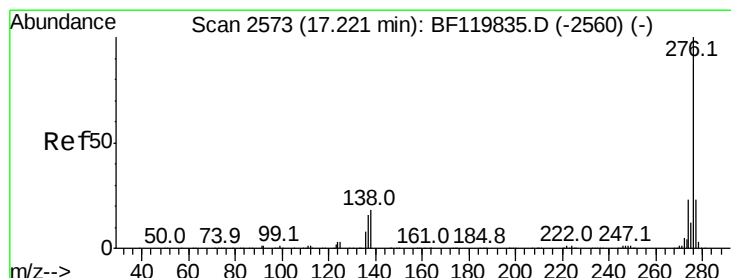
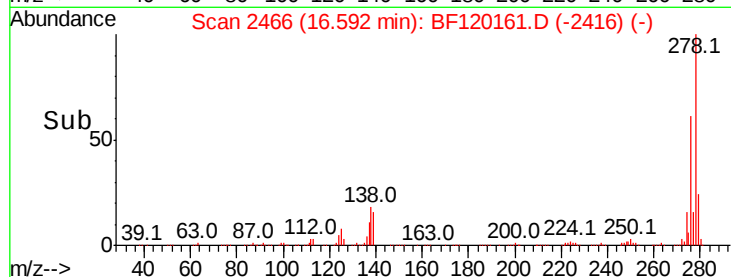
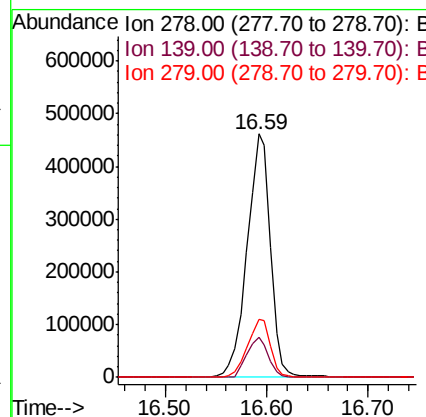
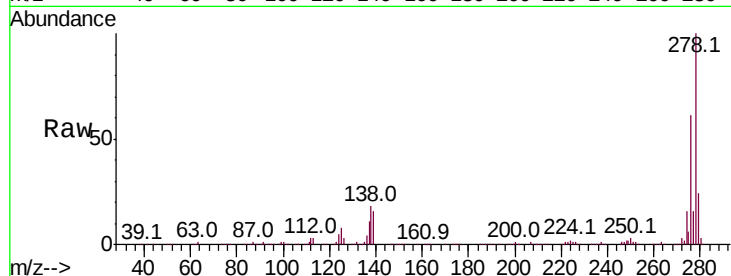
#91
Dibenzo(a,h)anthracene
Concen: 38.703 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Instrument :
BNA_F
ClientSampleId :
PB128435BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	19.0
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/24/2020 1:33:59 PM



#92
Benzo(g,h,i)perylene
Concen: 37.270 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BF120161.D
Acq: 23 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	20.6	15.4	23.0

