

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119573.D
 Acq On : 27 Mar 2020 18:00
 Operator : CG/JU
 Sample : PB127856BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Manual Integrations
 APPROVED

mohammad
 3/31/2020 8:15:14 AM

Quant Time: Mar 28 01:24:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	266688	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1070024	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	565941	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1067755	20.00	ng	0.00
76) Chrysene-d12	14.01	240	812033	20.00	ng	0.00
87) Perylene-d12	15.47	264	682244	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1557082	92.94	ng	0.01
7) Phenol-d6	6.46	99	1971010	92.10	ng	0.00
23) Nitrobenzene-d5	7.39	82	1271404	64.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	601119	102.96	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2418548	63.31	ng	0.00
79) Terphenyl-d14	12.96	244	2828056	68.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	241926	29.239	ng	98
3) Pyridine	3.38	79	636866	27.939	ng	96
4) n-Nitrosodimethylamine	3.33	42	336727	30.292	ng	91
6) Aniline	6.49	93	738753	25.012	ng	98
8) 2-Chlorophenol	6.62	128	653087	37.117	ng	99
9) Benzaldehyde	6.38	77	389576	28.696	ng	99
10) Phenol	6.47	94	821954	35.996	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	611947	33.507	ng	98
12) 1,3-Dichlorobenzene	6.77	146	658947	34.603	ng	98
13) 1,4-Dichlorobenzene	6.85	146	681900	35.799	ng	99
14) 1,2-Dichlorobenzene	7.00	146	625578	35.136	ng	99
15) Benzyl Alcohol	6.97	79	544129	33.801	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1184713	32.160	ng	100
17) 2-Methylphenol	7.08	107	535811	33.236	ng	98
18) Hexachloroethane	7.35	117	246347	35.291	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	447485	34.691	ng	98
20) 3+4-Methylphenols	7.23	107	657036	33.256	ng	92
22) Acetophenone	7.24	105	849290	33.217	ng	# 90
24) Nitrobenzene	7.42	77	690628	32.823	ng	95
25) Isophorone	7.65	82	1315073	32.927	ng	99
26) 2-Nitrophenol	7.73	139	361875	43.681	ng	# 86
27) 2,4-Dimethylphenol	7.77	122	586443	34.234	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	791548	33.516	ng	98
29) 2,4-Dichlorophenol	7.97	162	540529	34.341	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	574159	32.984	ng	99
31) Naphthalene	8.14	128	1871084	33.980	ng	99
32) Benzoic acid	7.88	122	431767	39.183	ng	98
33) 4-Chloroaniline	8.19	127	455346	18.047	ng	98
34) Hexachlorobutadiene	8.26	225	326388	33.512	ng	99
35) Caprolactam	8.55	113	175293m	34.029	ng	
36) 4-Chloro-3-methylphenol	8.67	107	605313	35.186	ng	97
37) 2-Methylnaphthalene	8.83	142	1255093	34.730	ng	97
38) 1-Methylnaphthalene	8.93	142	1188742	34.753	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	538977	32.492	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119573.D
 Acq On : 27 Mar 2020 18:00
 Operator : CG/JU
 Sample : PB127856BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

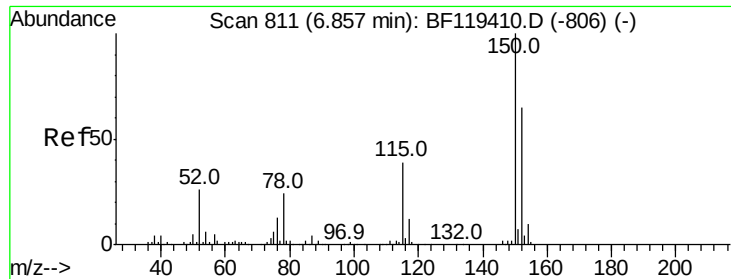
Manual Integrations
 APPROVED

mohammad
 3/31/2020 8:15:14 AM

Quant Time: Mar 28 01:24:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	653271	69.271	nq	100
43) 2,4,6-Trichlorophenol	9.11	196	420755	35.444	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	443729	33.368	nq	94
46) 1,1'-Biphenyl	9.30	154	1559294	33.829	nq	98
47) 2-Chloronaphthalene	9.32	162	1237121	34.264	nq	99
48) 2-Nitroaniline	9.42	65	441332	35.414	nq	99
49) Acenaphthylene	9.74	152	1867645	32.940	nq	99
50) Dimethylphthalate	9.60	163	1400067	34.828	nq	100
51) 2,6-Dinitrotoluene	9.66	165	320939	37.247	nq	89
52) Acenaphthene	9.92	154	1288091	36.442	nq	99
53) 3-Nitroaniline	9.83	138	246213	22.634	nq	95
54) 2,4-Dinitrophenol	9.93	184	302842	81.115	nq	95
55) Dibenzofuran	10.09	168	1771874	34.964	nq	99
56) 4-Nitrophenol	9.99	139	546029	63.629	nq	96
57) 2,4-Dinitrotoluene	10.06	165	420626	38.752	nq	97
58) Fluorene	10.43	166	1336311	35.658	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	354309	35.644	nq	99
60) Diethylphthalate	10.30	149	1453489	35.625	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	643897	35.135	nq	98
62) 4-Nitroaniline	10.45	138	350469	33.598	nq	95
63) Azobenzene	10.58	77	1461058	35.561	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	209809	46.860	nq	84
66) n-Nitrosodiphenylamine	10.54	169	1253443	35.759	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	418543	34.419	nq	99
68) Hexachlorobenzene	10.97	284	443524	35.636	nq	99
69) Atrazine	11.07	200	381018	39.649	nq	99
70) Pentachlorophenol	11.17	266	500388	68.568	nq	99
71) Phenanthrene	11.39	178	1915227	34.592	nq	98
72) Anthracene	11.45	178	1937964	34.440	nq	100
73) Carbazole	11.59	167	1814626	32.580	nq	99
74) Di-n-butylphthalate	11.93	149	2313489	38.829	nq	100
75) Fluoranthene	12.58	202	2053198	34.266	nq	98
77) Benzidine	12.70	184	1271322	36.994	nq	99
78) Pyrene	12.81	202	2094466	31.428	nq	99
80) Butylbenzylphthalate	13.43	149	1001716	37.164	nq	98
81) Benzo(a)anthracene	14.00	228	1694981	32.099	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	412715	19.822	nq	99
83) Chrysene	14.03	228	1746110	32.040	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1332650	41.475	nq	100
85) Di-n-octyl phthalate	14.60	149	2348659	41.562	nq	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1513394	29.486	nq	99
88) Benzo(b)fluoranthene	15.04	252	1625832	35.675	nq	98
89) Benzo(k)fluoranthene	15.07	252	1597522	36.813	nq	99
90) Benzo(a)pyrene	15.41	252	1365368	32.967	nq	99
91) Dibenzo(a,h)anthracene	16.95	278	1255569	34.659	nq	99
92) Benzo(g,h,i)perylene	17.37	276	1174239	32.265	nq	98

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



#1

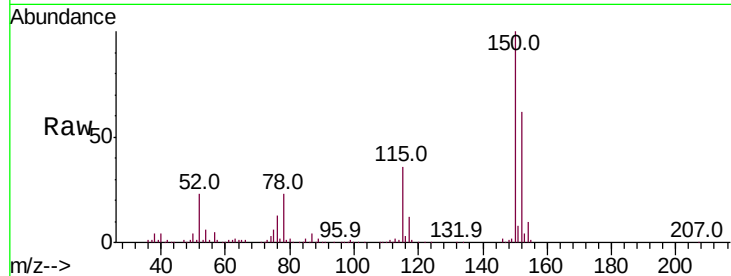
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.5	186.7
115	58.3	49.6	74.4

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM

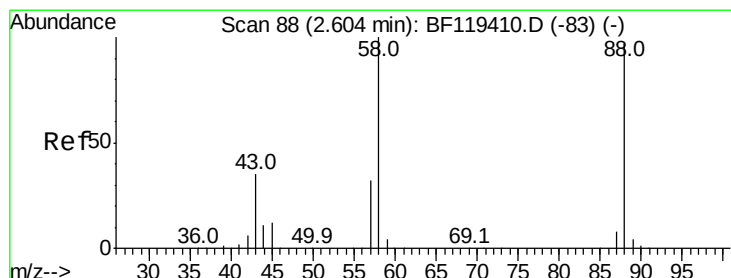
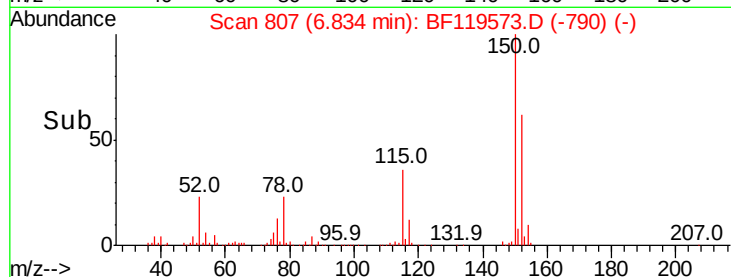
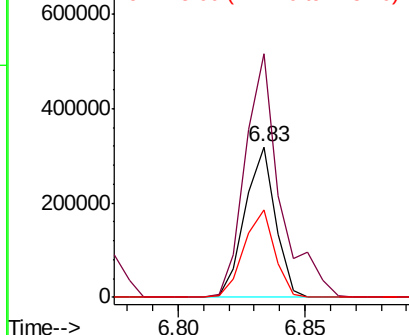


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

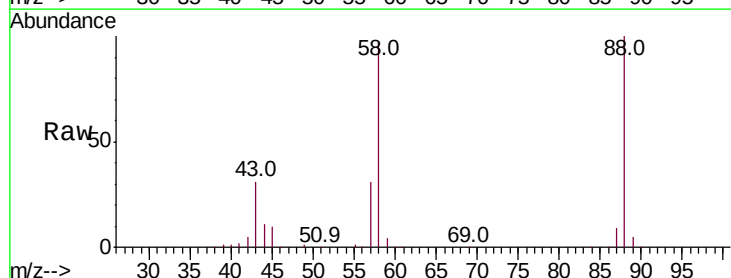
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.239 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.6	80.6	121.0
43	33.0	27.5	41.3

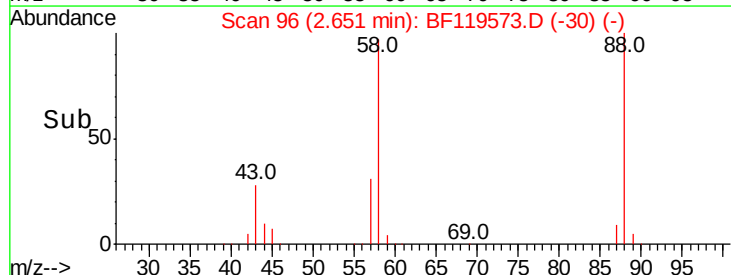
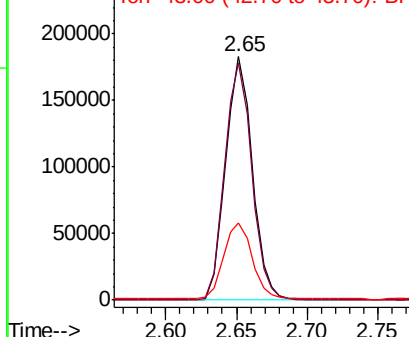


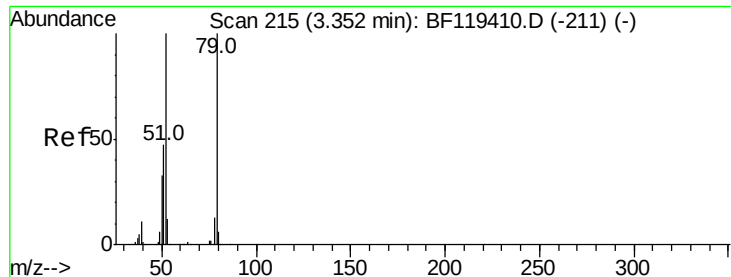
Abundance

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: 27.939 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.08 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

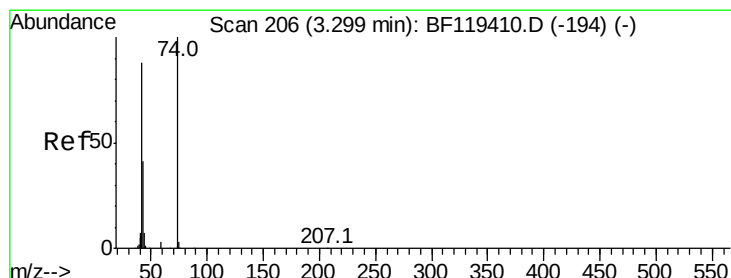
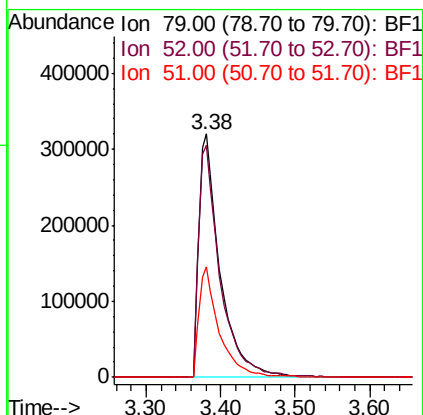
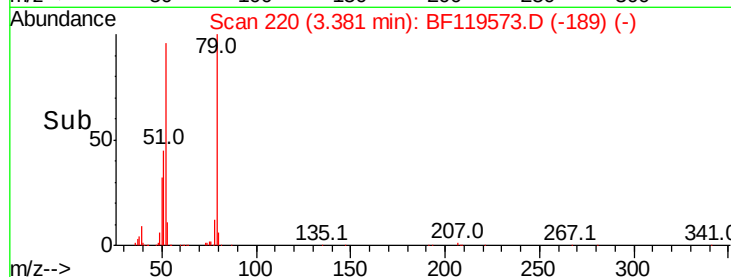
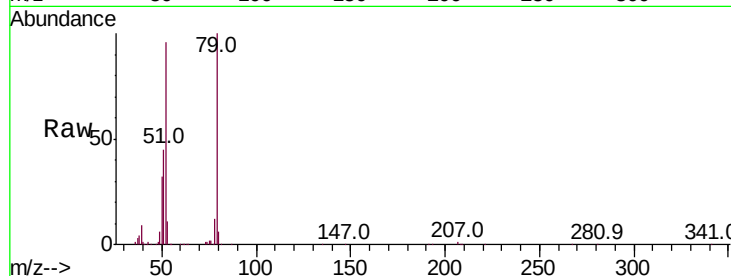
ClientSampleId :

PB127856BSD

Tot Ion:	79	Resp:	636866
Ion	Ratio	Lower	Upper
79	100		
52	95.5	80.2	120.2
51	45.5	37.7	56.5

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



#4

n-Nitrosodimethylamine

Concen: 30.292 ng

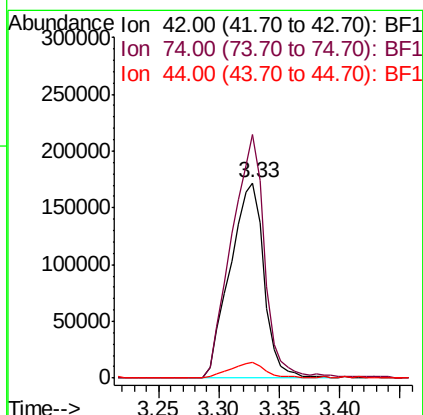
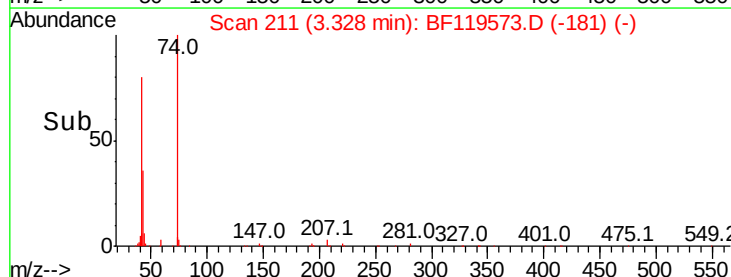
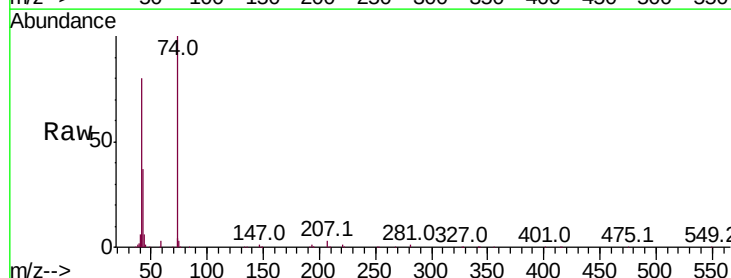
RT: 3.33 min Scan# 211

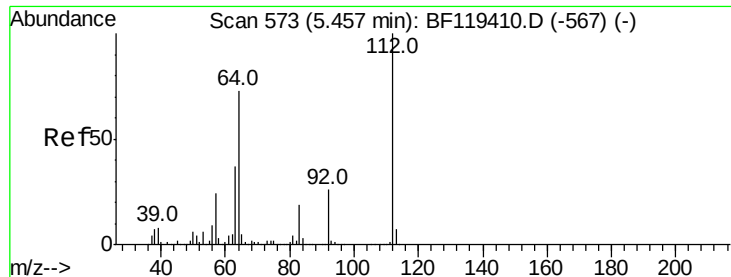
Delta R.T. 0.08 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tgt Ion:	42	Resp:	336727
Ion	Ratio	Lower	Upper
42	100		
74	124.8	91.5	137.3
44	7.9	6.2	9.4





#5

2-Fluorophenol

Concen: 92.945 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

Tot Ion:112 Resp: 1557082

Ion Ratio Lower Upper

112 100

64 68.5 56.7 85.1

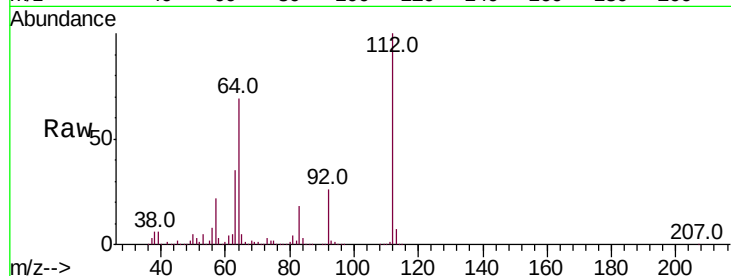
63 35.2 29.5 44.3

Manual Integrations

APPROVED

mohammad

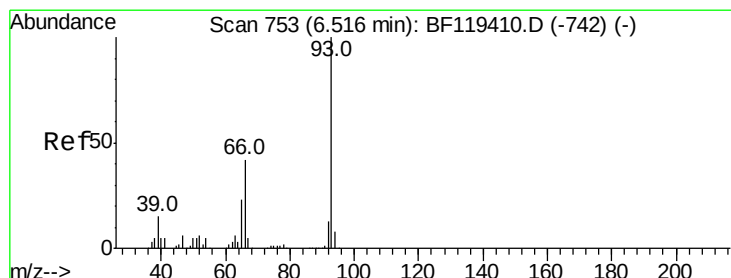
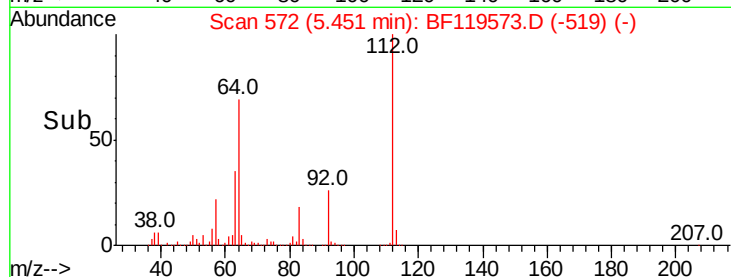
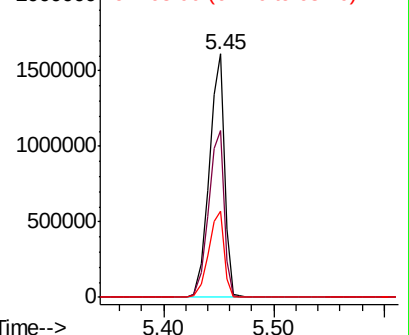
3/31/2020 8:15:14 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.012 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

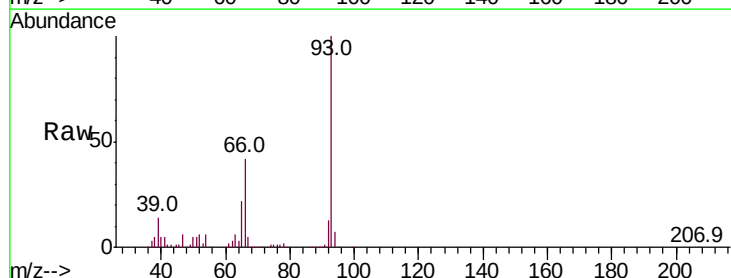
Tgt Ion: 93 Resp: 738753

Ion Ratio Lower Upper

93 100

66 42.1 34.9 52.3

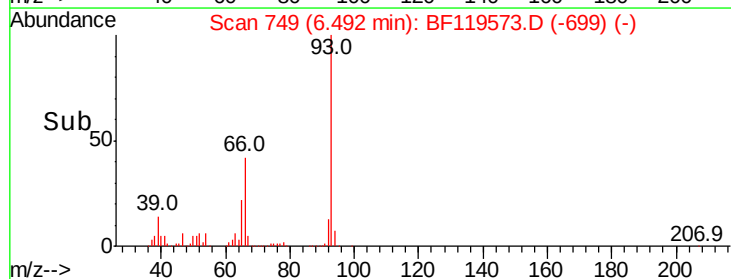
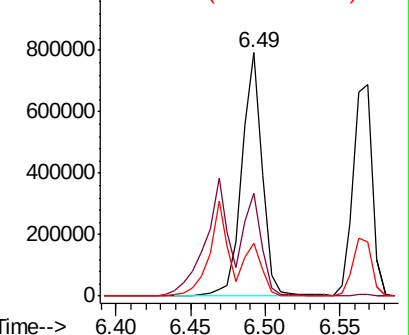
65 22.0 18.6 27.8

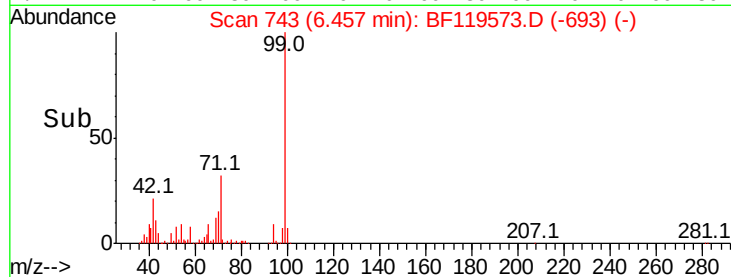
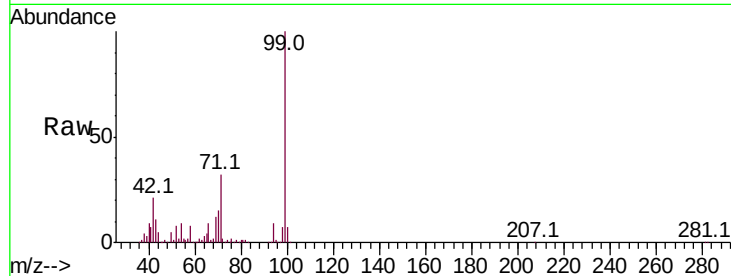
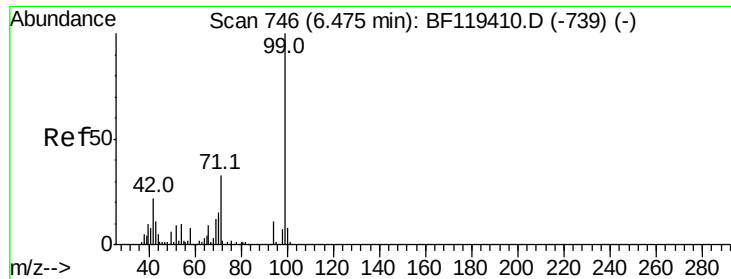


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.101 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tot Ion: 99 Resp: 1971010

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 32.5 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

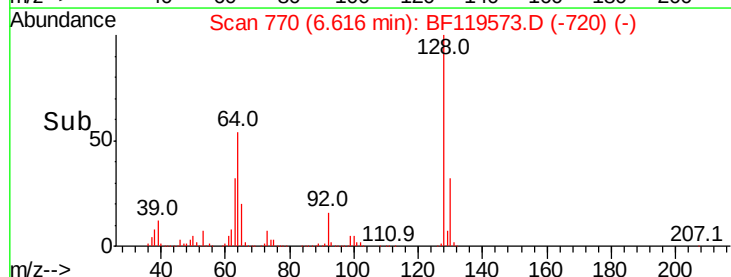
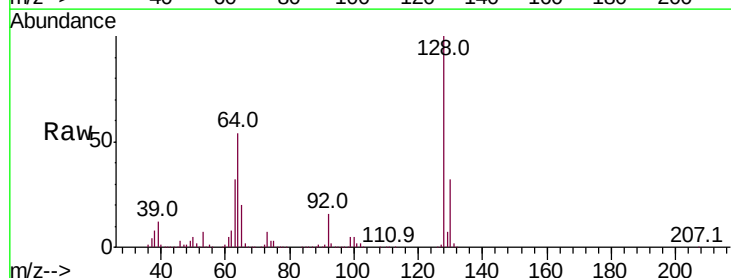
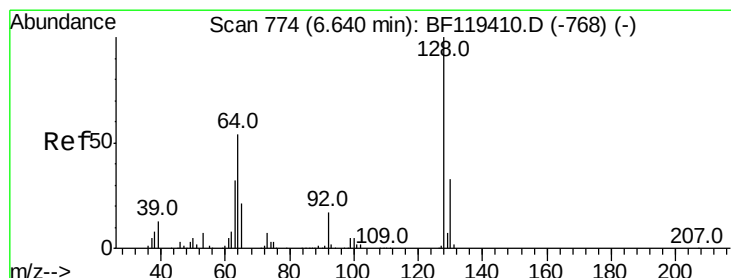
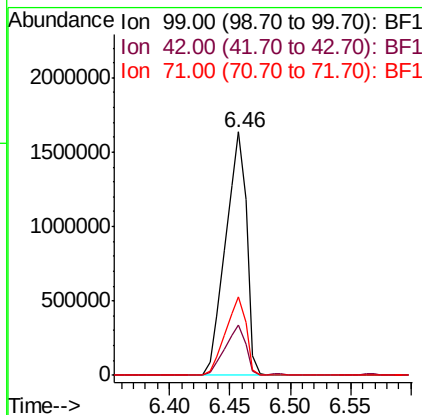
PB127856BSD

Manual Integrations

APPROVED

mohammad

3/31/2020 8:15:14 AM



#8

2-Chlorophenol

Concen: 37.117 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

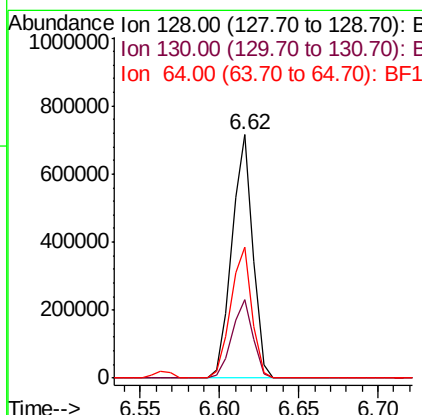
Tgt Ion:128 Resp: 653087

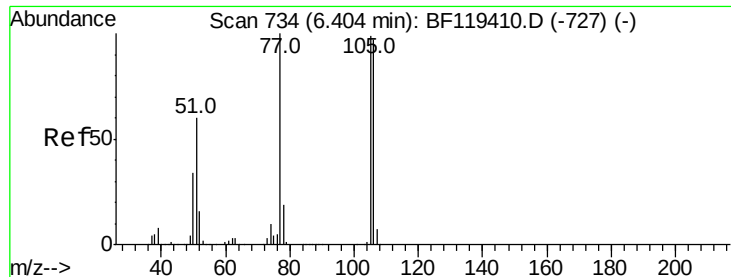
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 54.0 35.3 75.3





#9

Benzaldehyde

Concen: 28.696 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

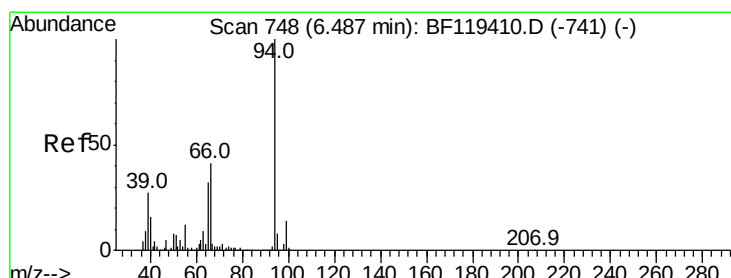
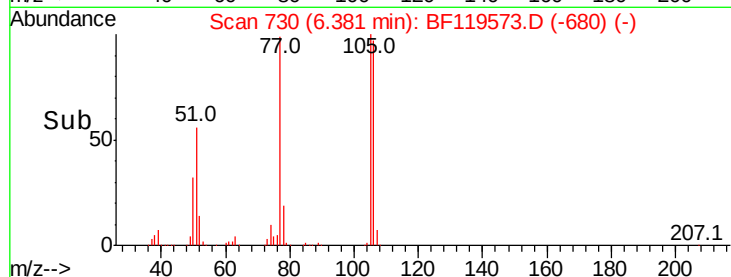
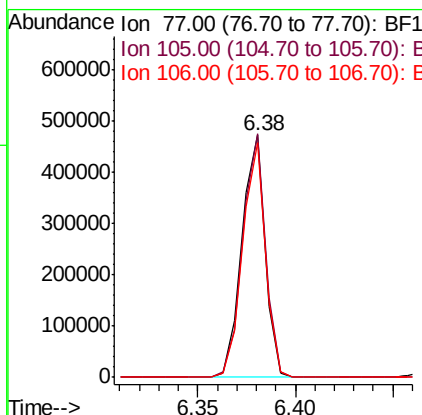
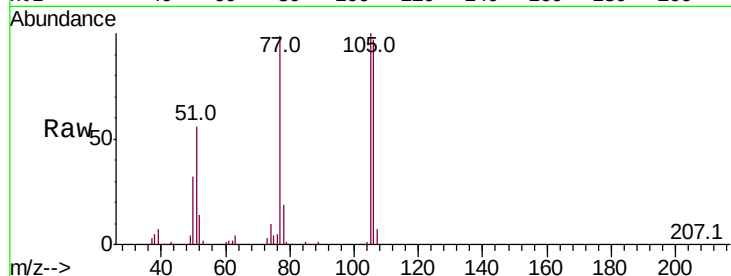
ClientSampleId :

PB127856BSD

Tot Ion: 77 Resp: 389576
 Ion Ratio Lower Upper
 77 100
 105 100.6 80.9 120.9
 106 97.1 77.9 117.9

Manual Integrations
 APPROVED

mohammad
 3/31/2020 8:15:14 AM



#10

Phenol

Concen: 35.996 ng

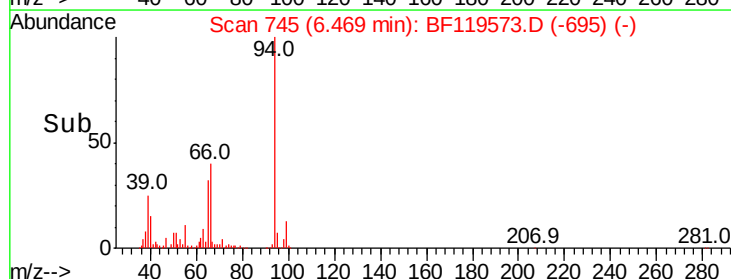
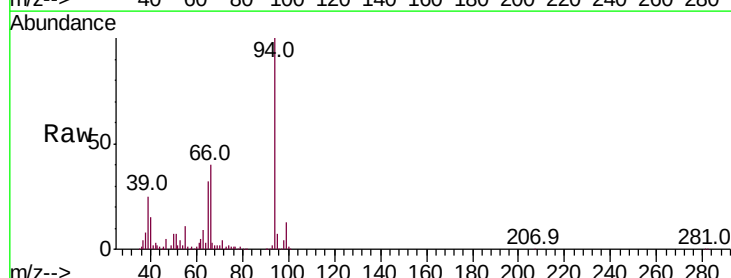
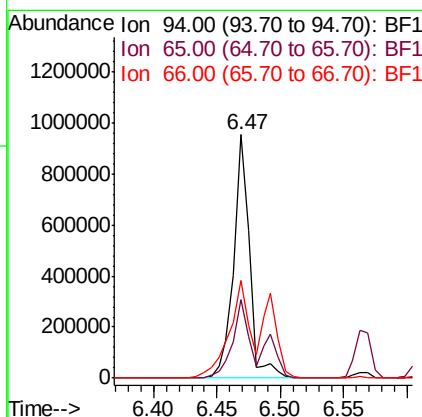
RT: 6.47 min Scan# 745

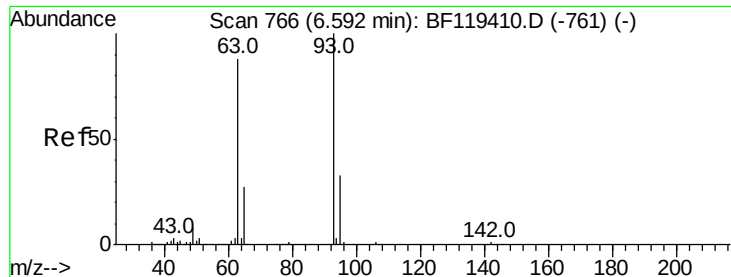
Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tgt Ion: 94 Resp: 821954
 Ion Ratio Lower Upper
 94 100
 65 32.3 13.2 53.2
 66 40.2 22.3 62.3





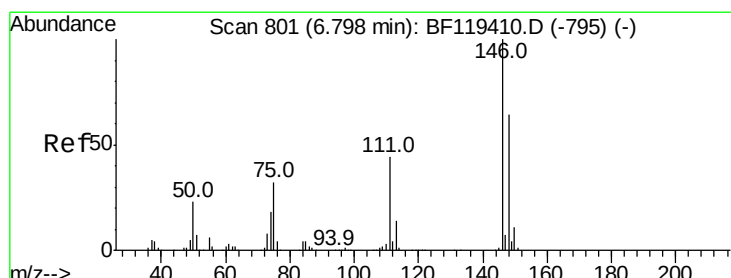
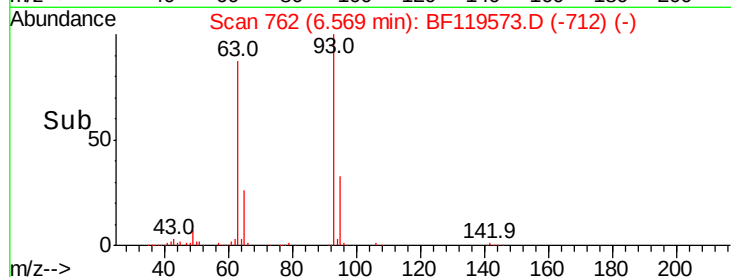
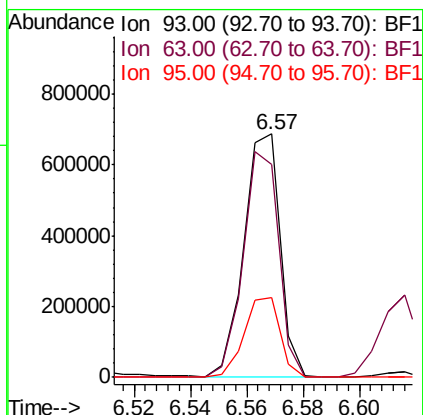
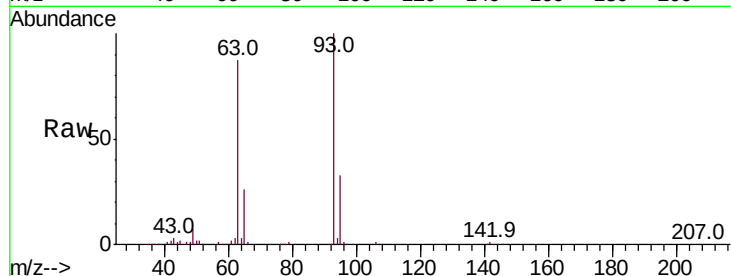
#11
bis(2-Chloroethyl)ether
Concen: 33.507 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.4	70.2	110.2
95	33.0	13.4	53.4

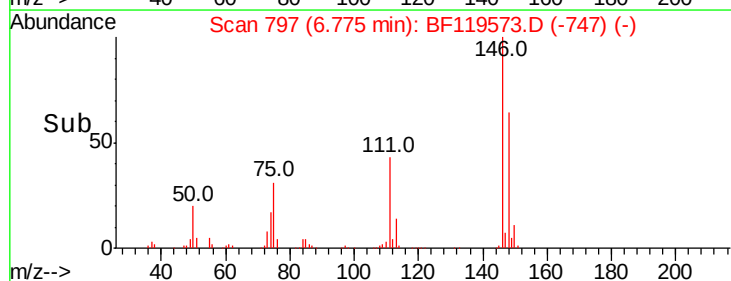
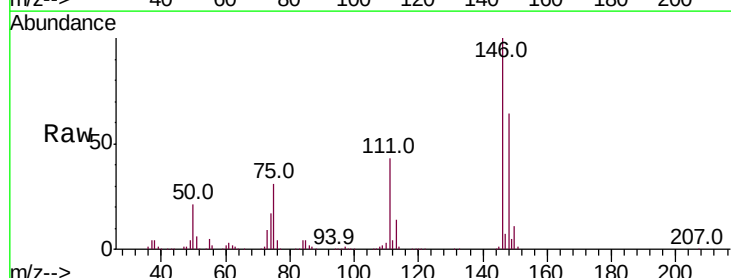
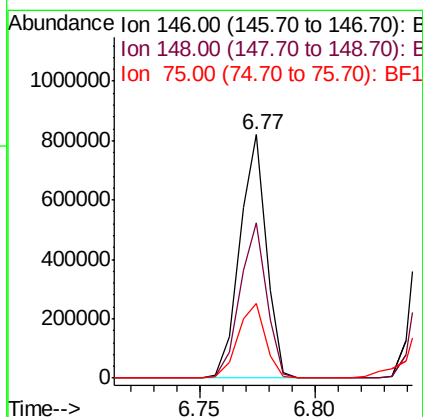
Manual Integrations
APPROVED

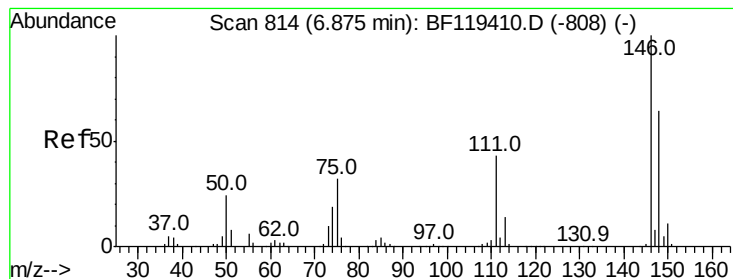
mohammad
3/31/2020 8:15:14 AM



#12
1,3-Dichlorobenzene
Concen: 34.603 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.4
75	30.7	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 35.799 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

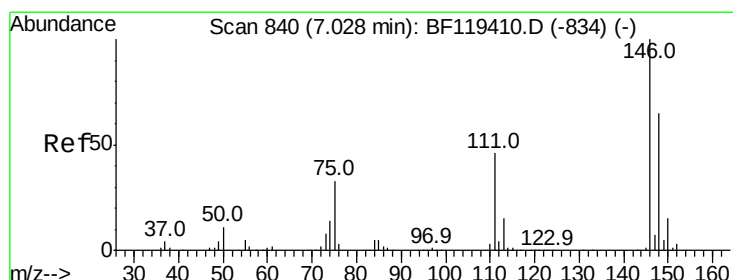
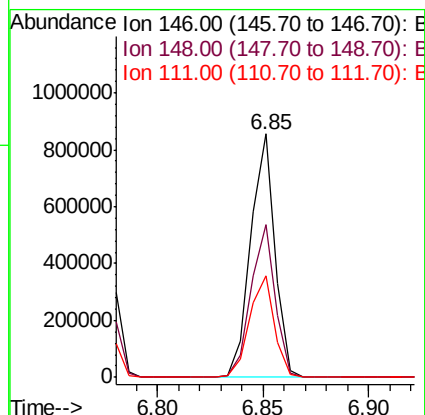
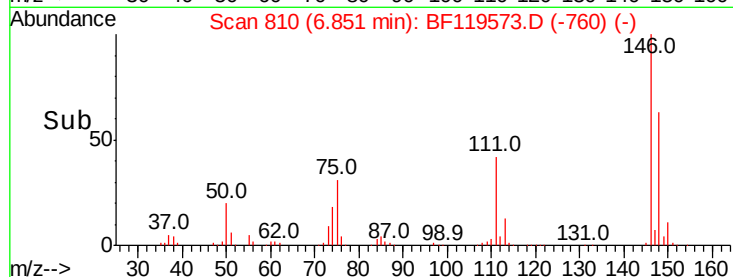
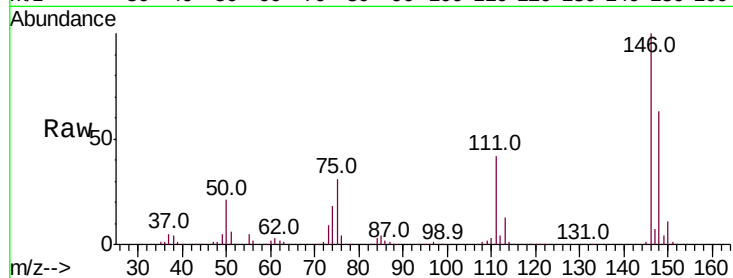
ClientSampled :

PB127856BSD

Tot Ion:	146	Resp:	681900
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.5	77.3
111	42.0	33.3	49.9

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



#14

1,2-Dichlorobenzene

Concen: 35.136 ng

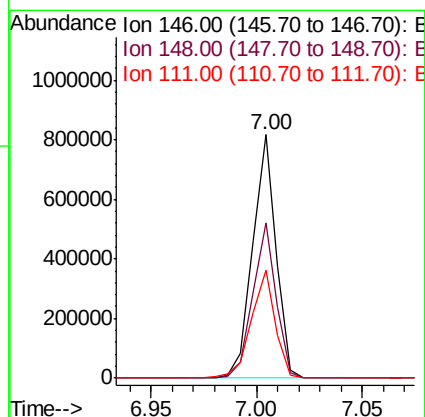
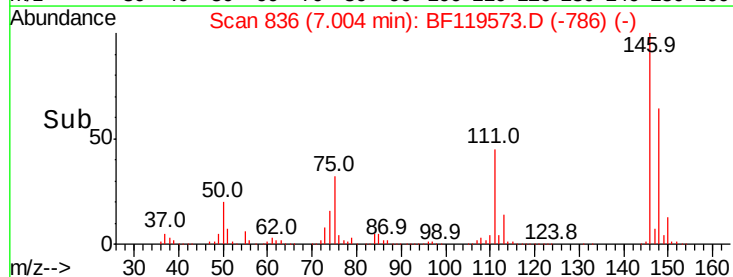
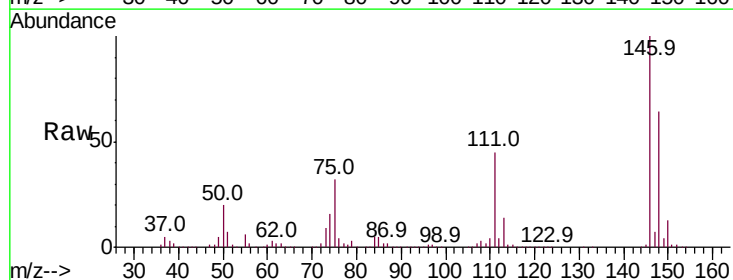
RT: 7.00 min Scan# 836

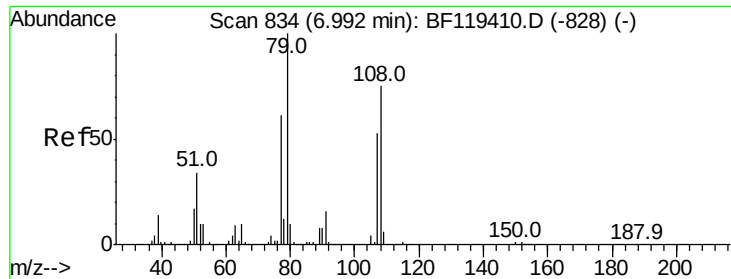
Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tgt Ion:	146	Resp:	625578
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	44.6	36.1	54.1





#15

Benzyl Alcohol

Concen: 33.801 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

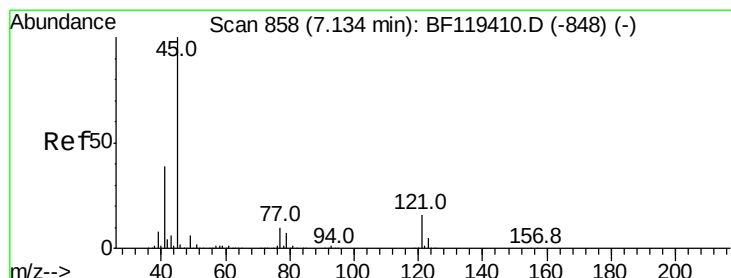
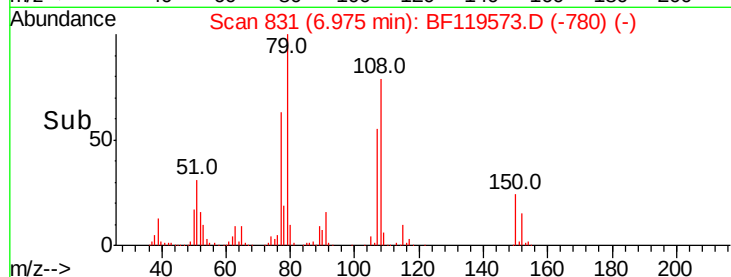
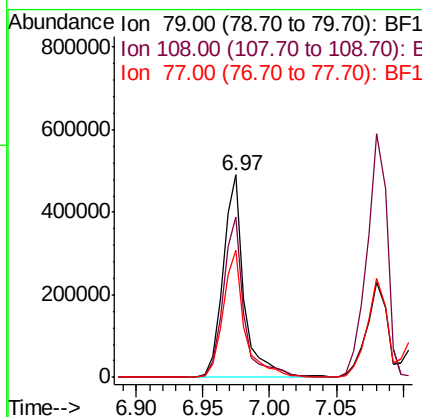
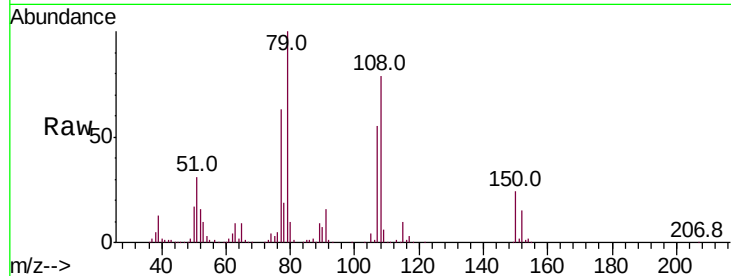
ClientSampleId :

PB127856BSD

Tot Ion:	79	Resp:	544129
Ion Ratio	Lower	Upper	
79	100		
108	79.2	60.6	90.8
77	63.1	50.2	75.2

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.160 ng

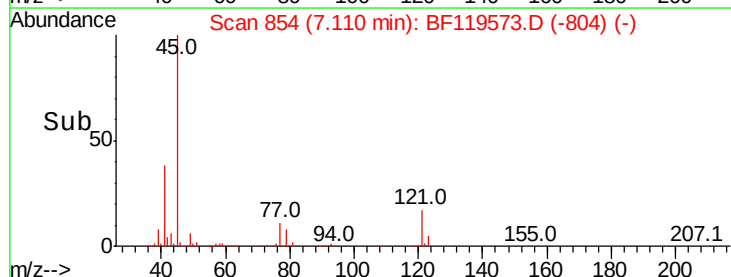
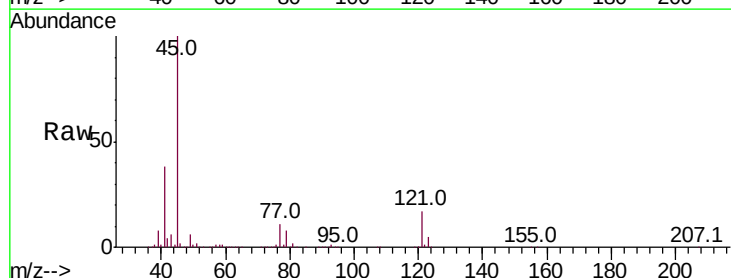
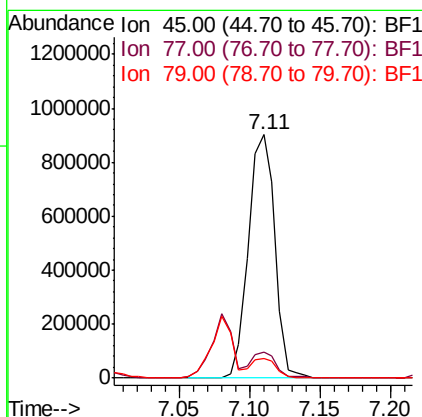
RT: 7.11 min Scan# 854

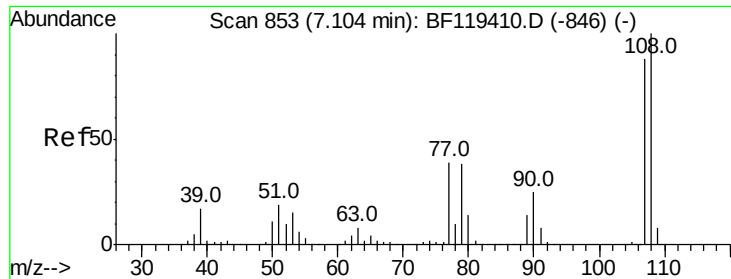
Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tgt Ion:	45	Resp:	1184713
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.7
79	8.1	0.0	28.2





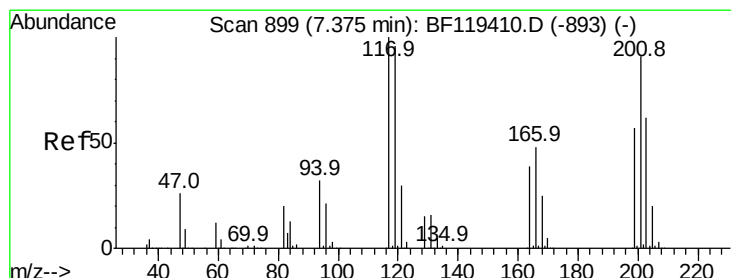
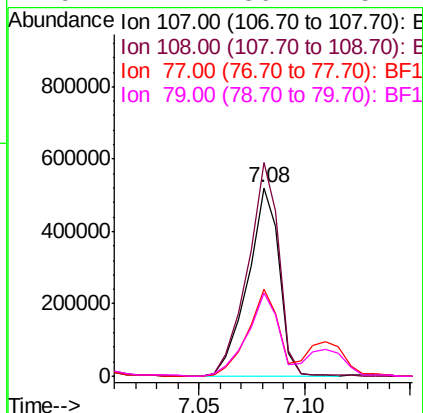
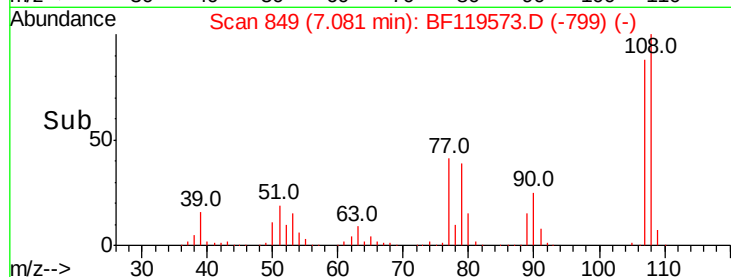
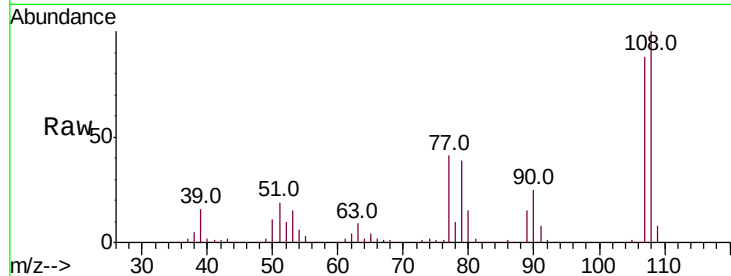
#17
2-Methylphenol
Concen: 33.236 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	92.2	138.4	
77	46.1	36.6	54.8	
79	44.1	36.2	54.4	

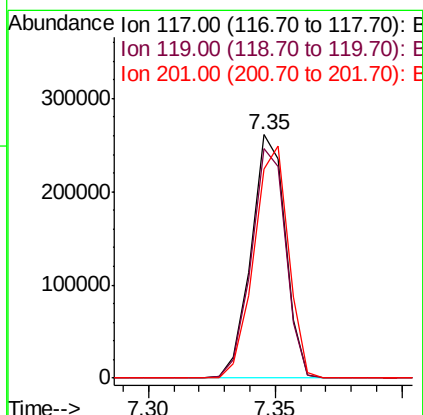
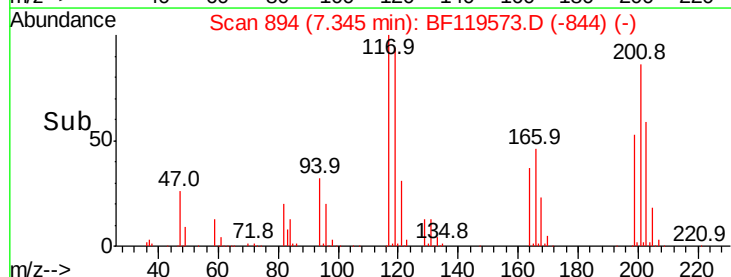
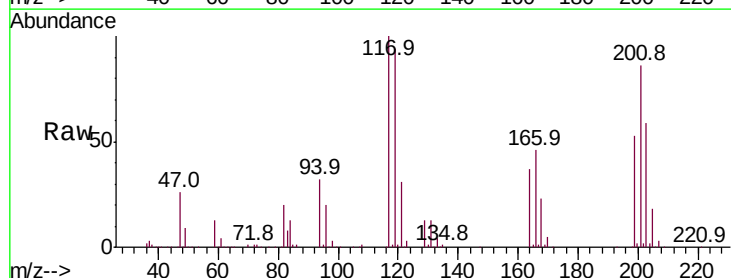
Manual Integrations
APPROVED

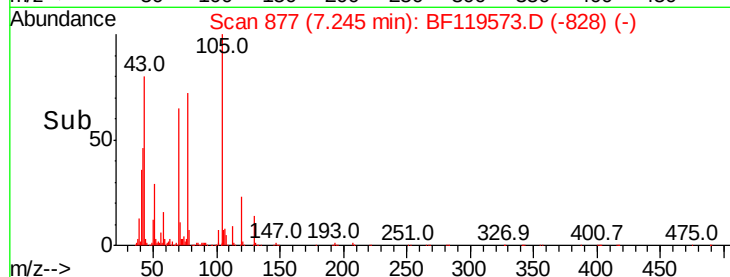
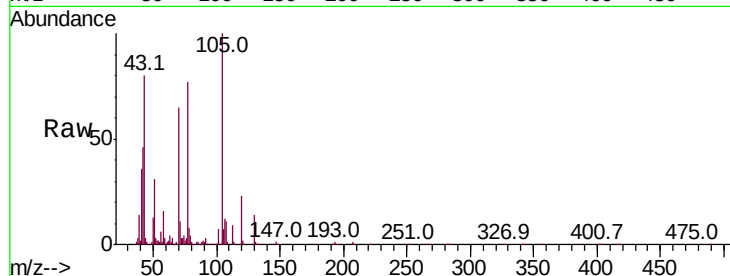
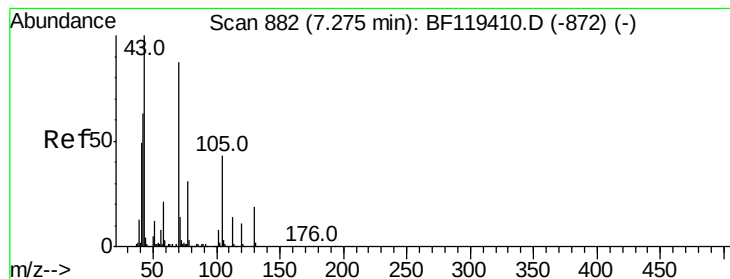
mohammad
3/31/2020 8:15:14 AM



#18
Hexachloroethane
Concen: 35.291 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	76.1	114.1	
201	86.0	73.0	109.6	





#19

n-Nitroso-di-n-propylamine

Concen: 34.691 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tot Ion	70	Resp	447485
Ion Ratio	Lower	Upper	
70	100		
42	70.0	54.5	81.7
101	10.0	7.6	11.4
130	21.6	17.6	26.4

Instrument :

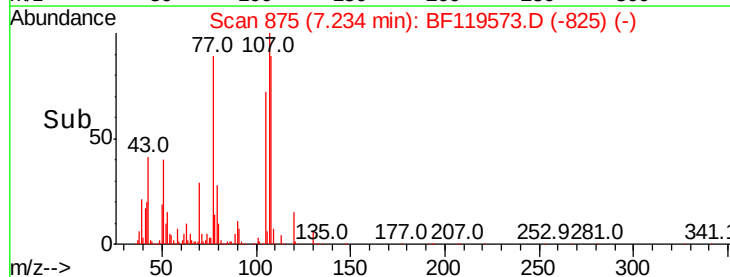
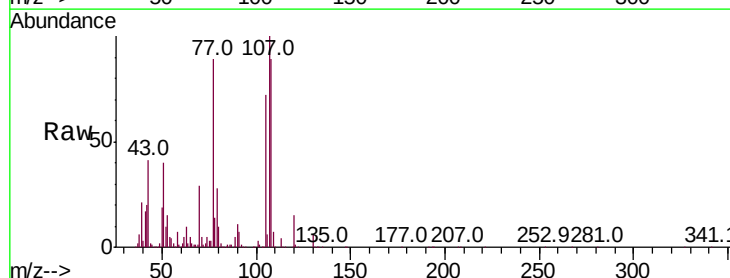
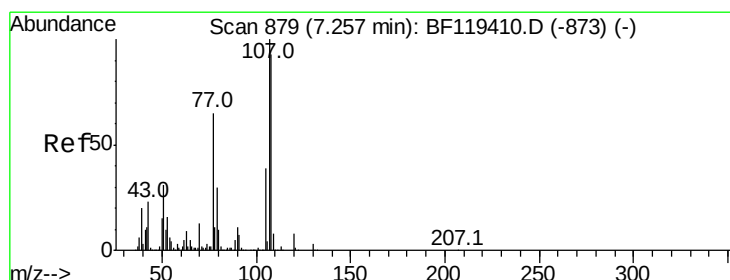
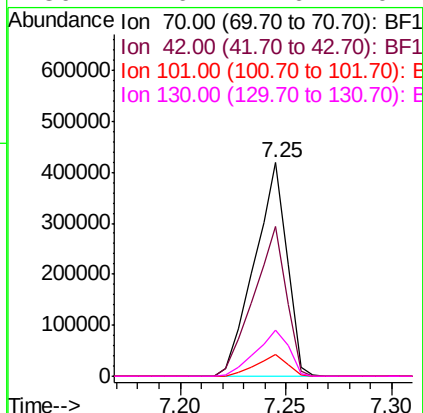
BNA_F

ClientSampleId :

PB127856BSD

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



#20

3+4-Methylphenols

Concen: 33.256 ng

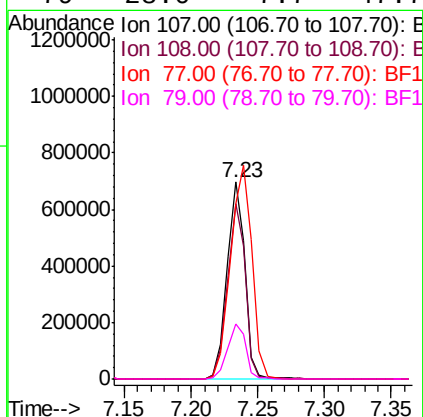
RT: 7.23 min Scan# 875

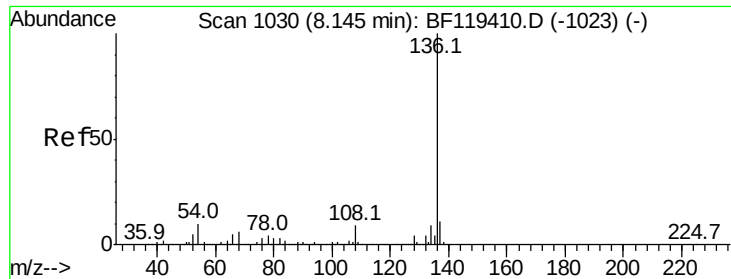
Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tgt Ion	107	Resp	657036
Ion Ratio	Lower	Upper	
107	100		
108	89.4	67.9	107.9
77	89.1	52.9	92.9
79	28.0	7.7	47.7





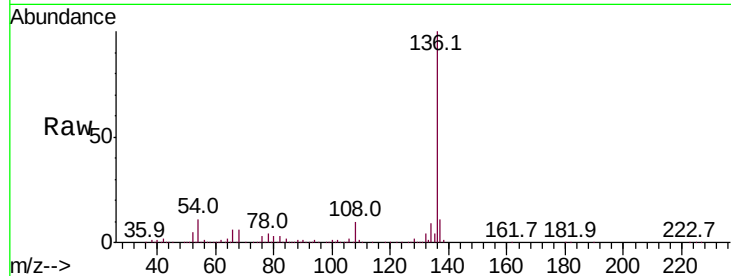
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	136	Resp	1070024
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.2	9.1	13.7
68	6.4	4.6	6.8

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



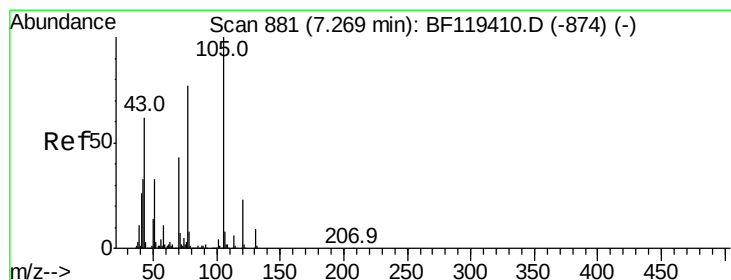
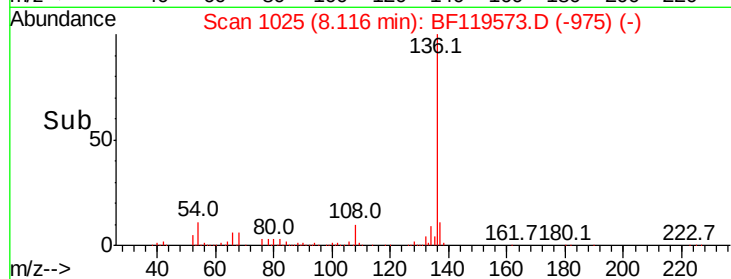
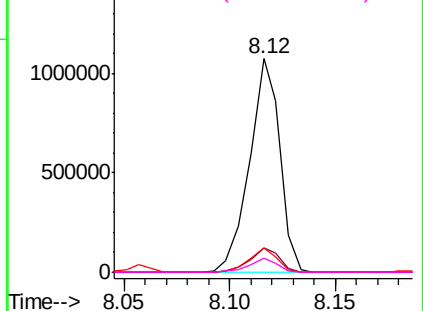
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 33.217 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	105	Resp	849290
Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.7	8.5
51	42.6	26.2	39.4
120	22.2	18.3	27.5

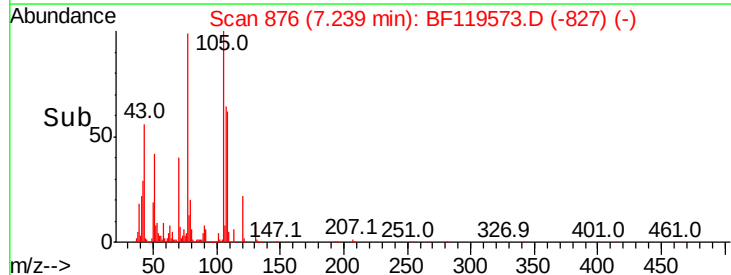
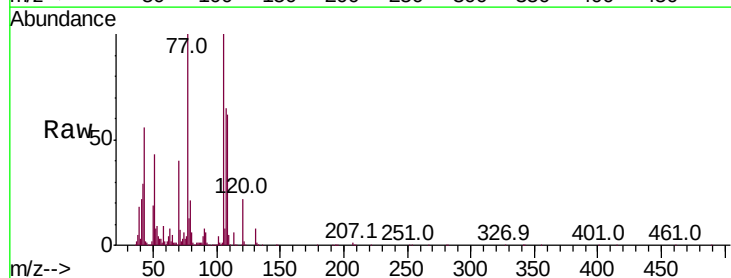
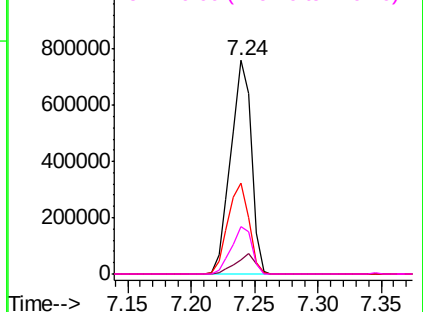
Abundance

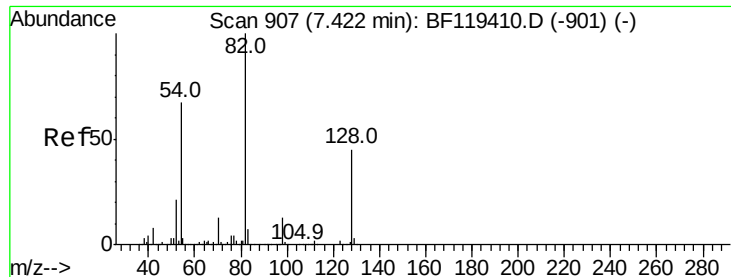
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





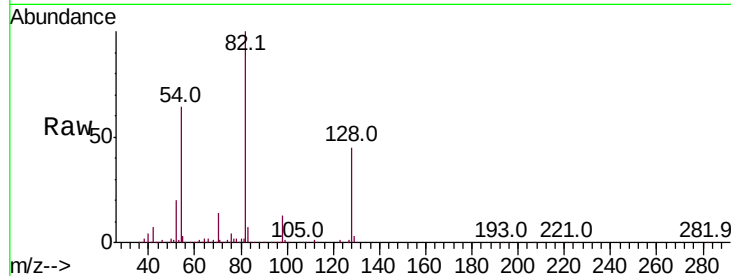
#23
Nitrobenzene-d5
Concen: 64.576 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.3	54.5
54	63.7	50.6	75.8

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM

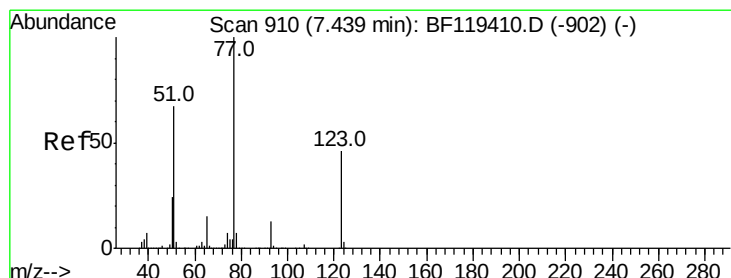
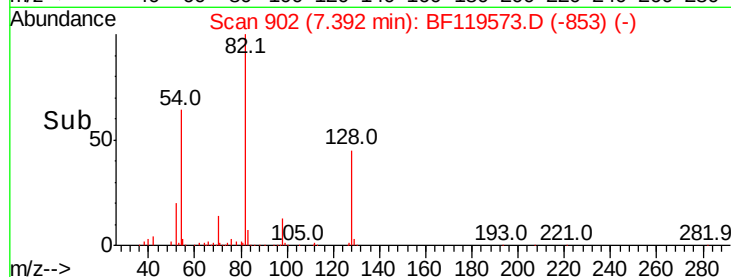
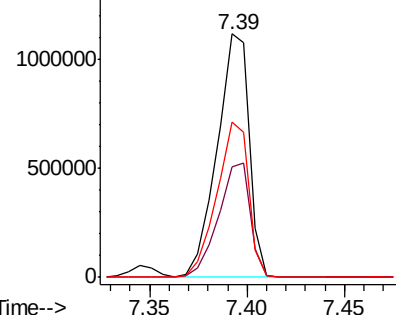


Abundance

Ion 82.00 (81.70 to 82.70): BF1

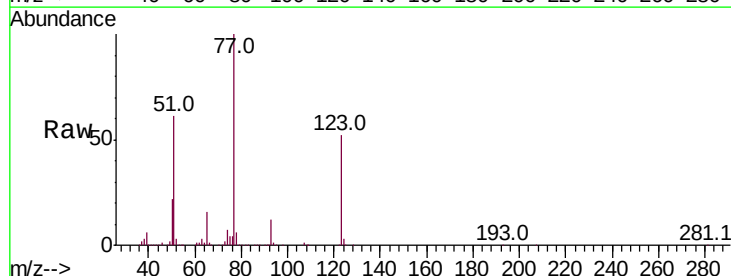
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 32.823 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.6	38.0	57.0
65	15.6	12.6	18.8

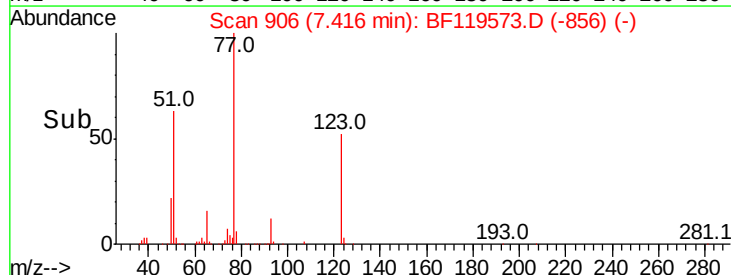
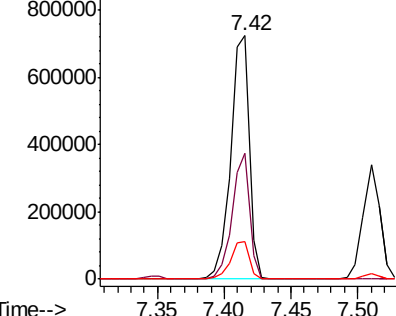


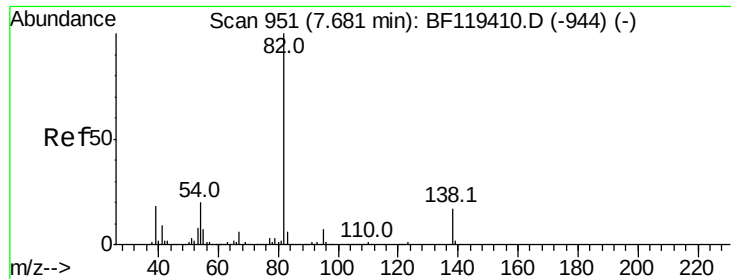
Abundance

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: 32.927 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

Tot Ion: 82 Resp: 1315073

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

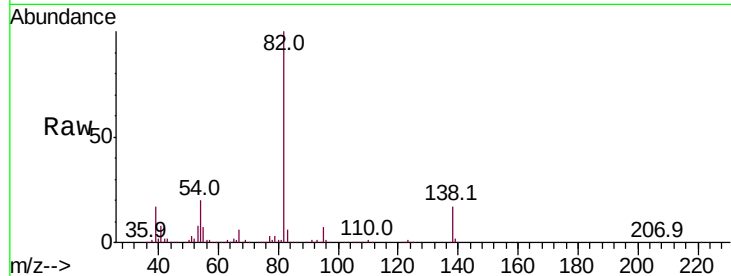
138 17.5 14.6 21.8

Manual Integrations

APPROVED

mohammad

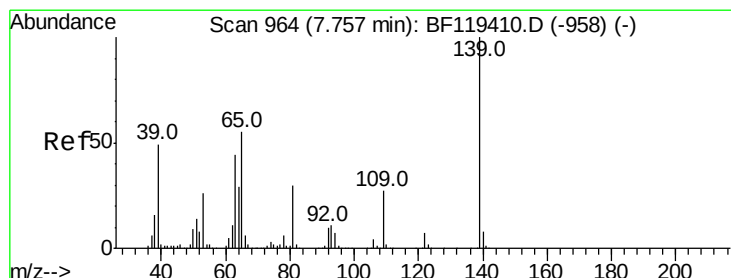
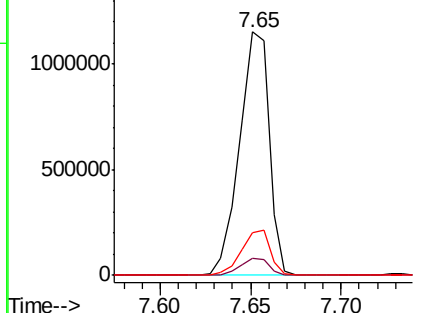
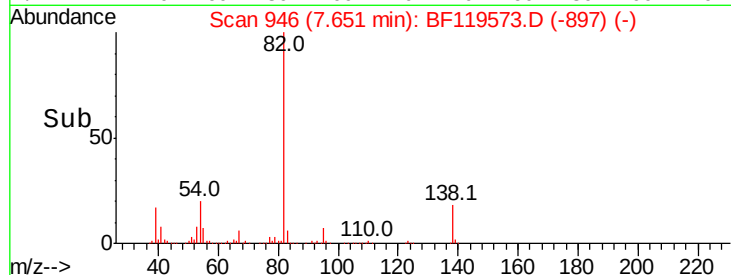
3/31/2020 8:15:14 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.681 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

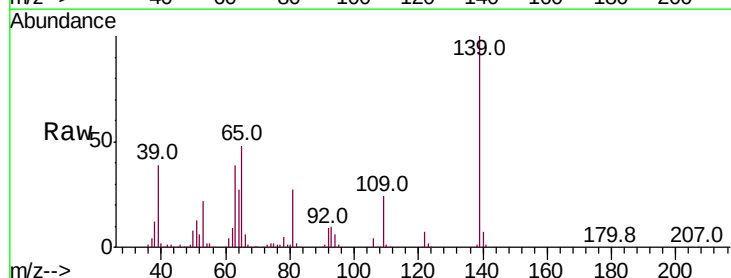
Tgt Ion: 139 Resp: 361875

Ion Ratio Lower Upper

139 100

109 23.7 22.1 33.1

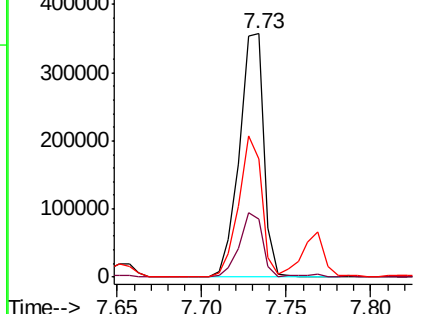
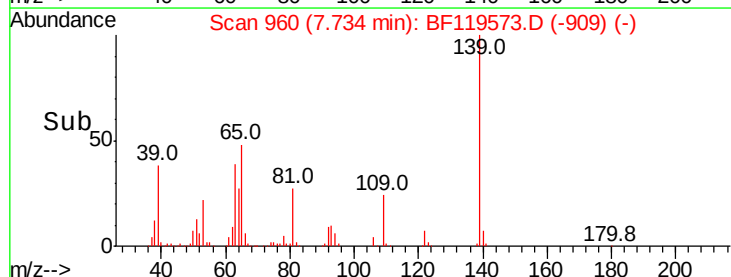
65 48.4 49.2 73.8#

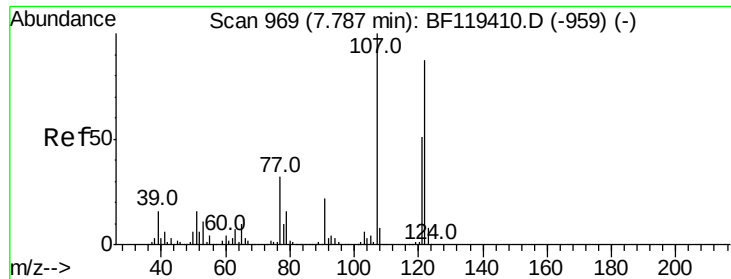


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





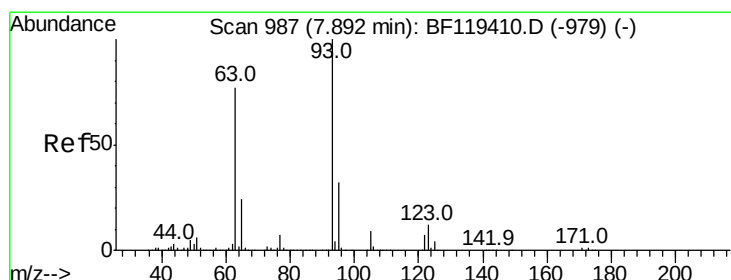
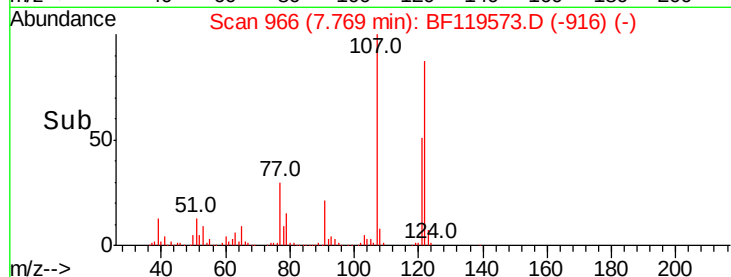
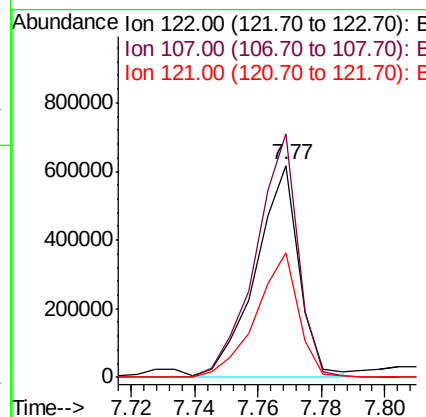
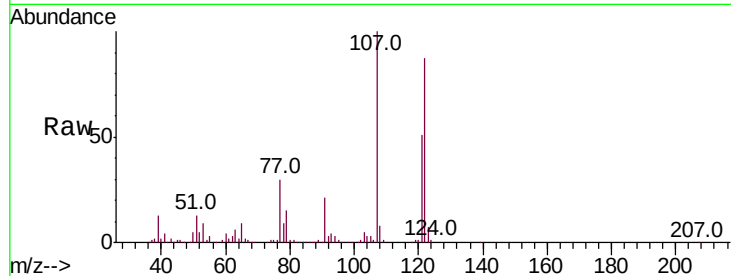
#27
 2,4-Dimethylphenol
 Concen: 34.234 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	586443		
107	114.9	89.0	133.6	
121	59.0	46.7	70.1	

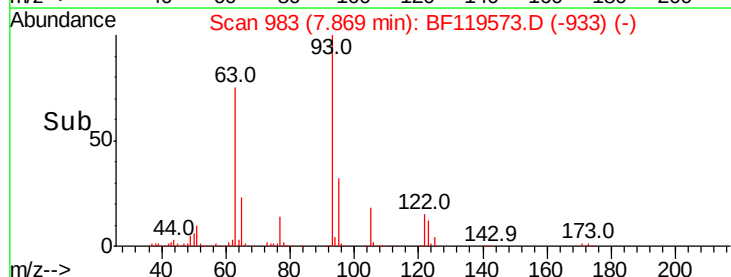
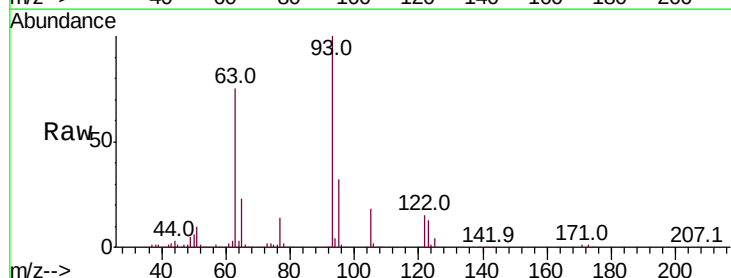
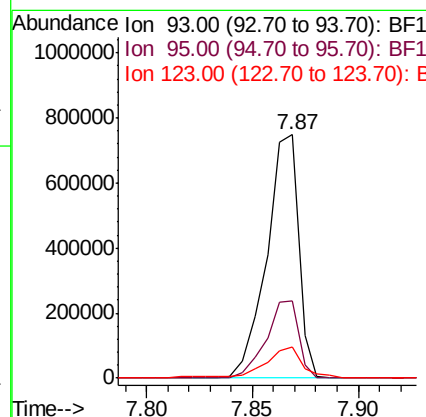
Manual Integrations
 APPROVED

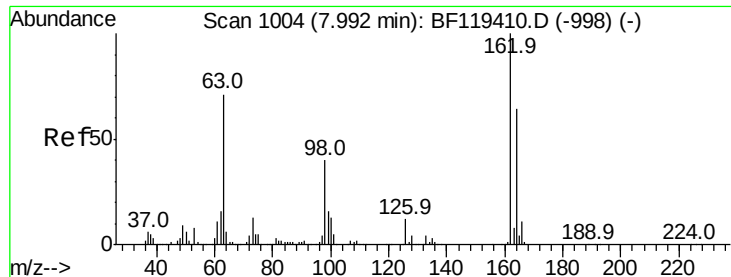
mohammad
 3/31/2020 8:15:14 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.516 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	791548		
95	31.7	26.3	39.5	
123	12.6	9.7	14.5	





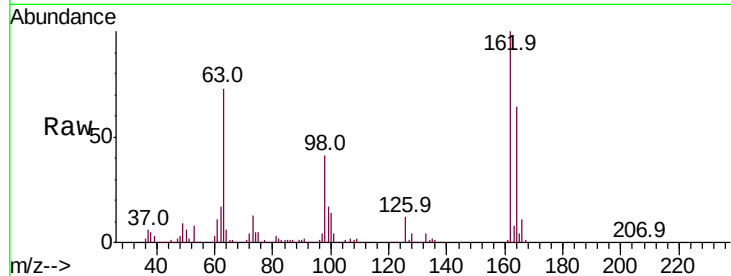
#29
2,4-Dichlorophenol
Concen: 34.341 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

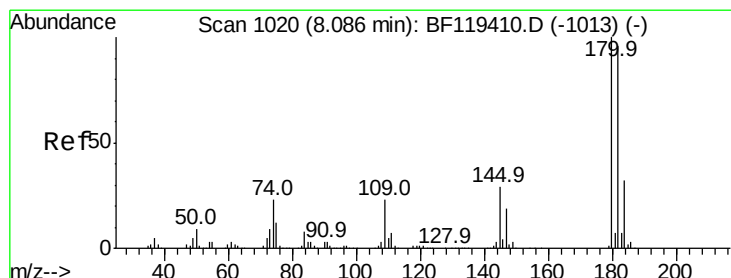
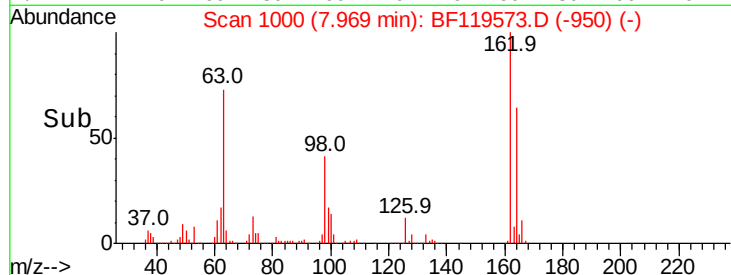
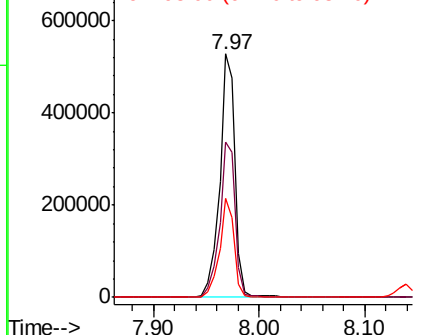
Tot Ion	Ratio	Resp	Lower	Upper
162	100	540529		
164	63.8		44.7	84.7
98	40.9		20.7	60.7

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



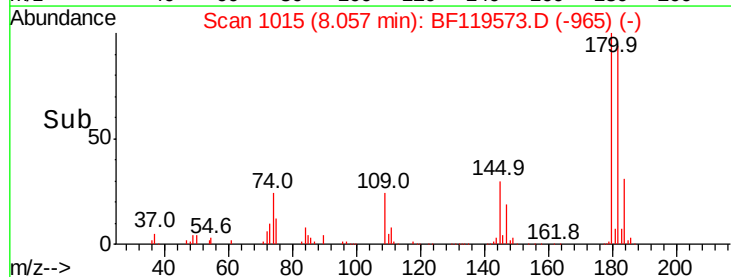
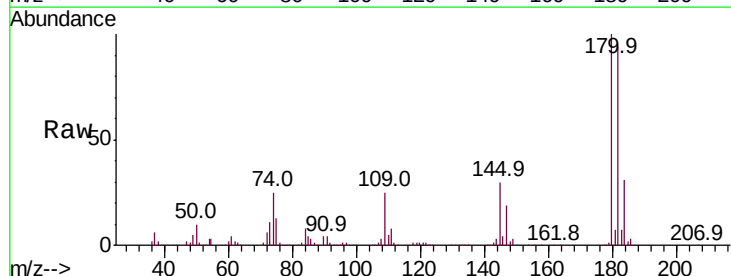
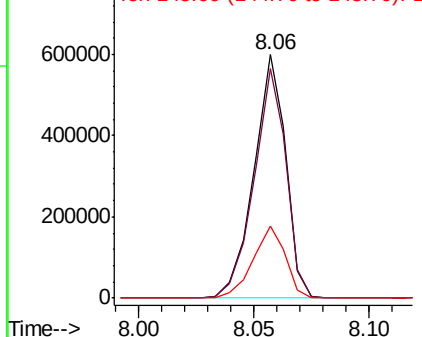
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

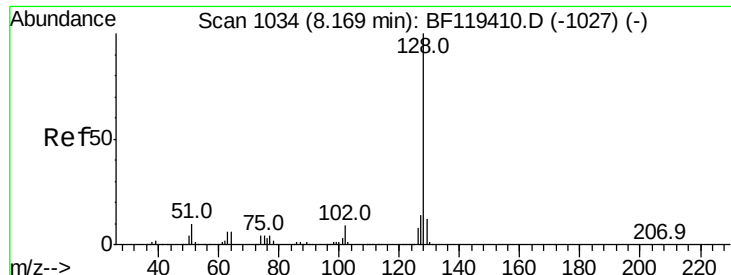


#30
1,2,4-Trichlorobenzene
Concen: 32.984 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	574159		
182	94.3		74.7	112.1
145	29.8		24.5	36.7

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





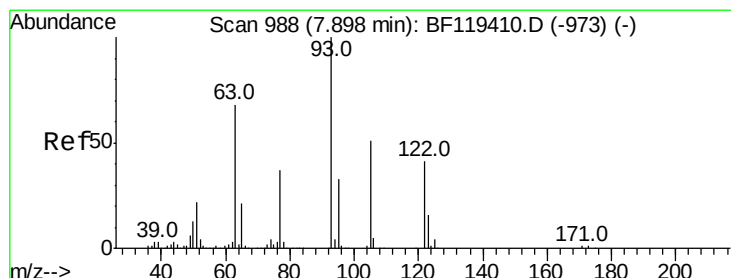
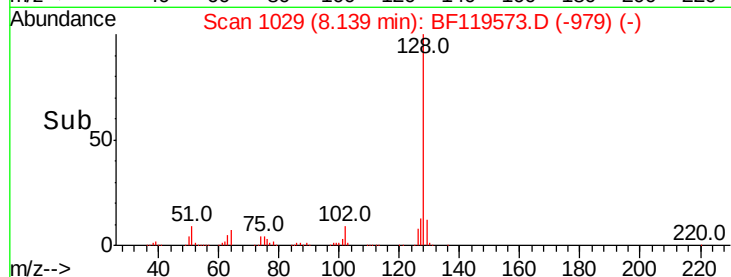
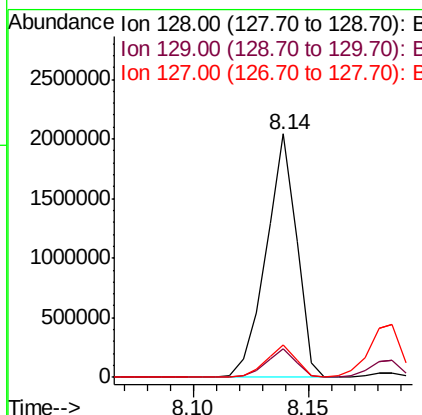
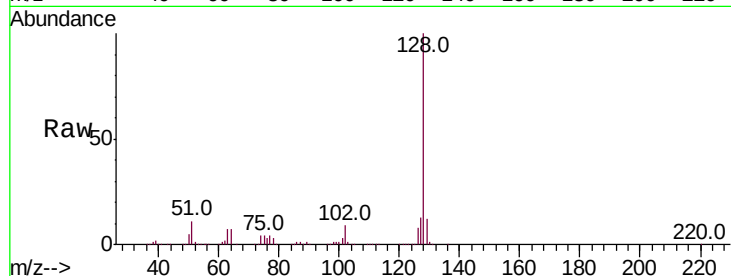
#31
Naphthalene
Concen: 33.980 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampled :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.4	11.3	16.9

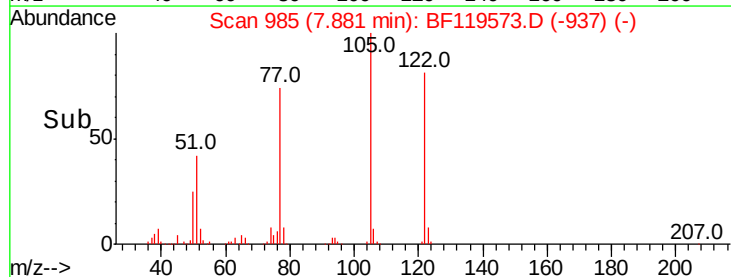
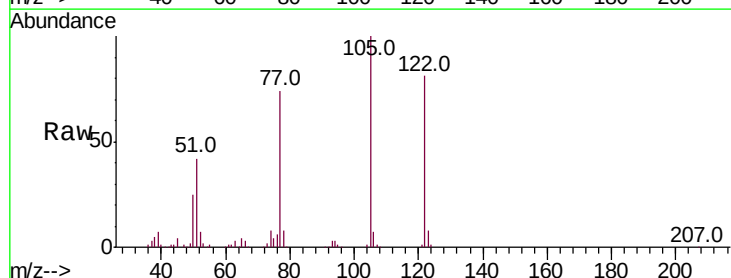
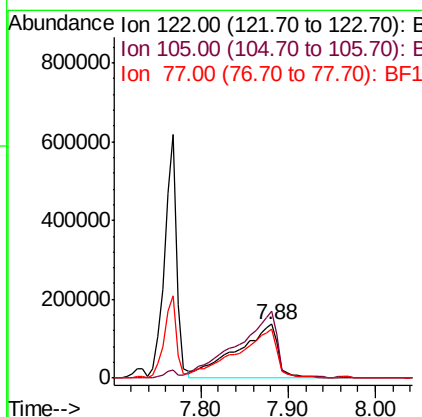
Manual Integrations
APPROVED

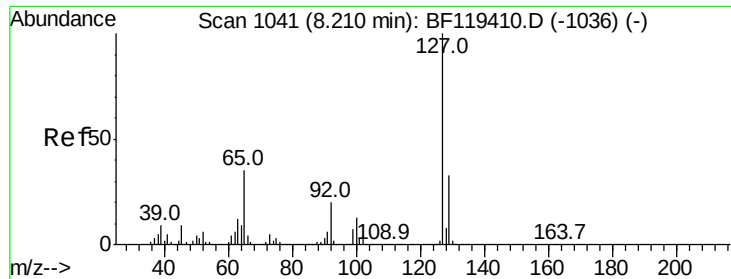
mohammad
3/31/2020 8:15:14 AM



#32
Benzoic acid
Concen: 39.183 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	104.9	144.9
77	91.8	74.4	114.4





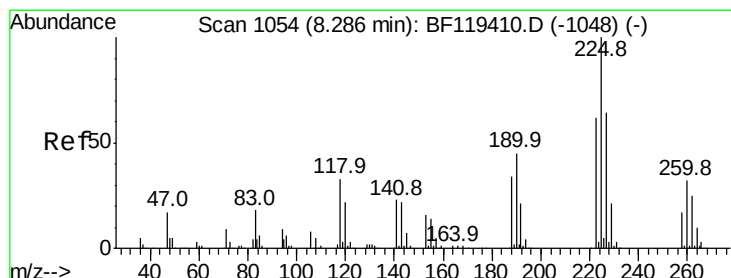
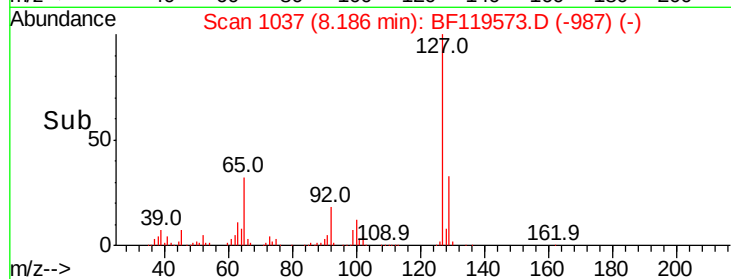
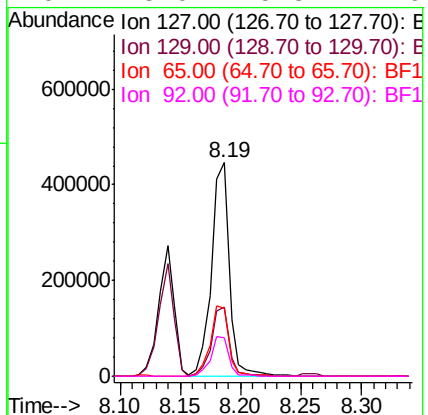
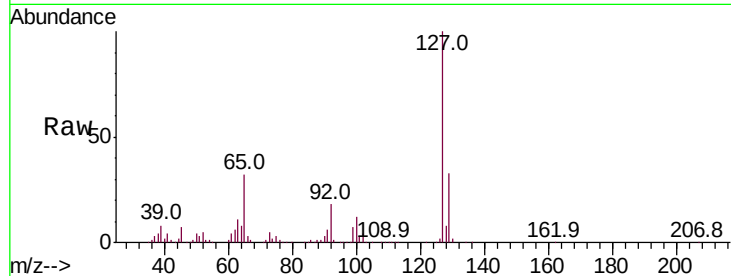
#33
 4-Chloroaniline
 Concen: 18.047 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.2	39.4	
65	32.0	27.4	41.0	
92	18.0	15.3	22.9	

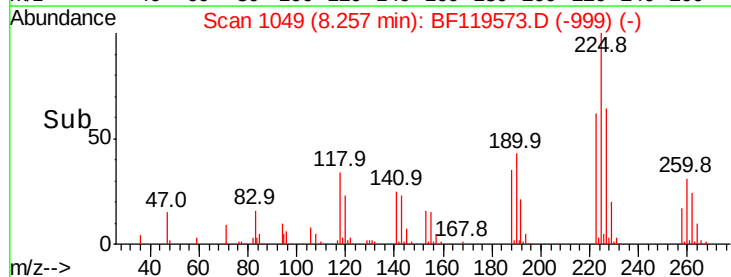
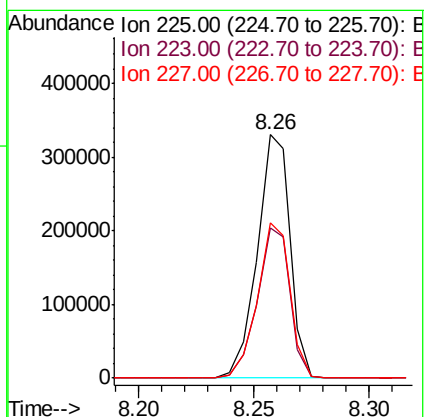
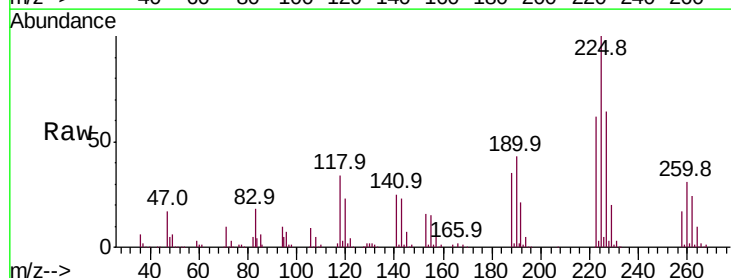
Manual Integrations
 APPROVED

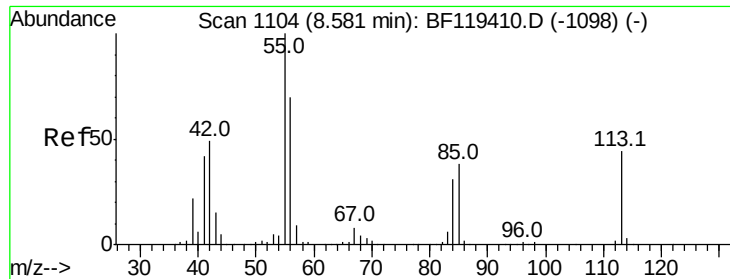
mohammad
 3/31/2020 8:15:14 AM



#34
 Hexachlorobutadiene
 Concen: 33.512 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	51.0	76.6	
227	63.7	50.7	76.1	





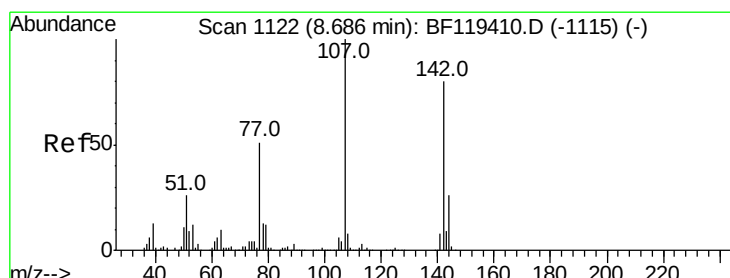
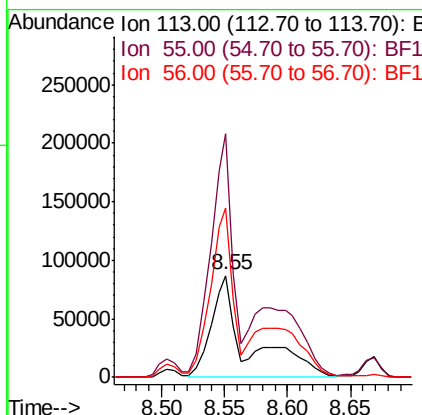
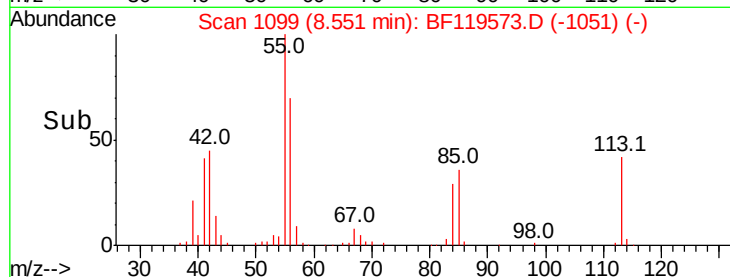
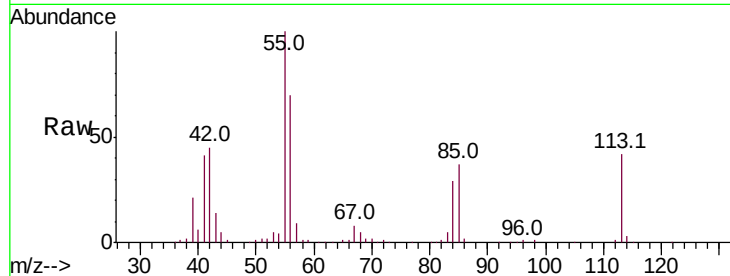
#35
Caprolactam
Concen: 34.029 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampled :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	239.5	218.4	258.4
56	166.7	148.9	188.9

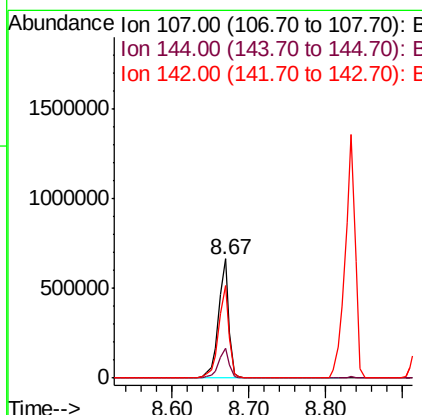
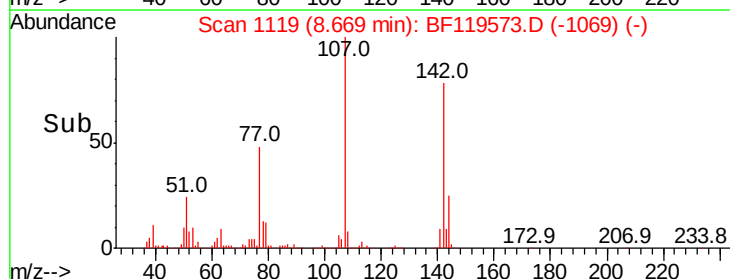
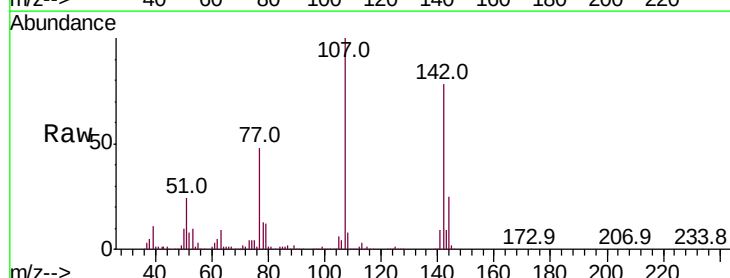
Manual Integrations
APPROVED

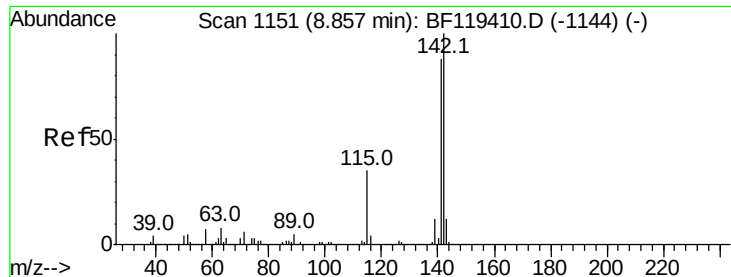
mohammad
3/31/2020 8:15:14 AM



#36
4-Chloro-3-methylphenol
Concen: 35.186 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.0	31.6
142	78.1	64.4	96.6





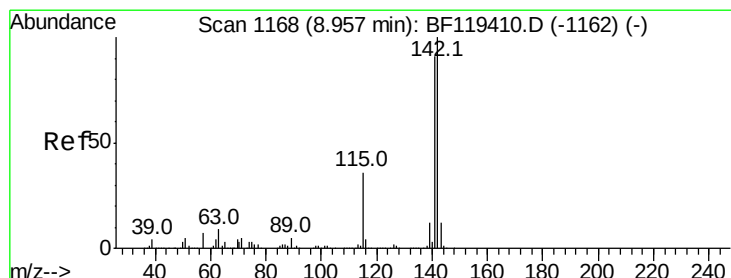
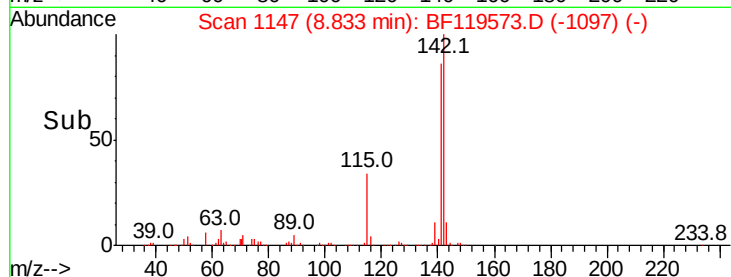
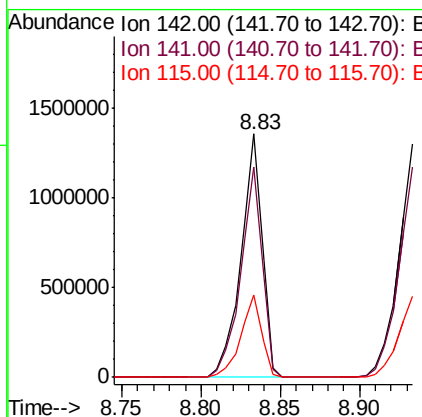
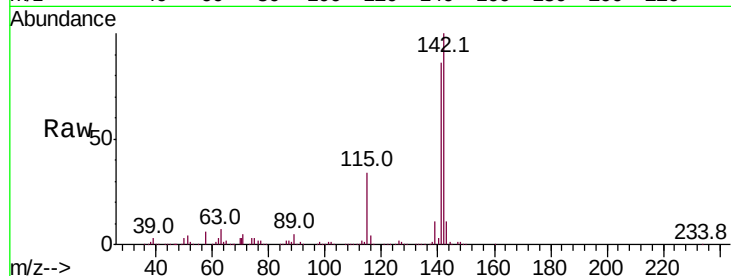
#37
2-Methylnaphthalene
Concen: 34.730 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	71.7	107.5
115	33.9	27.9	41.9

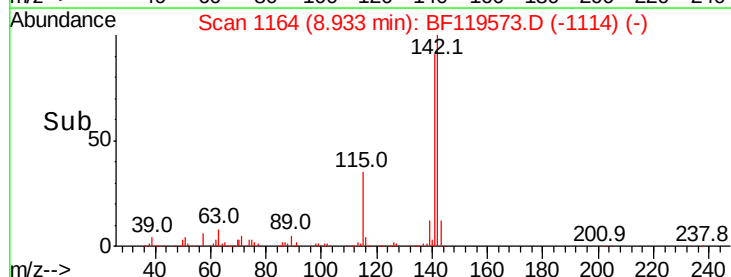
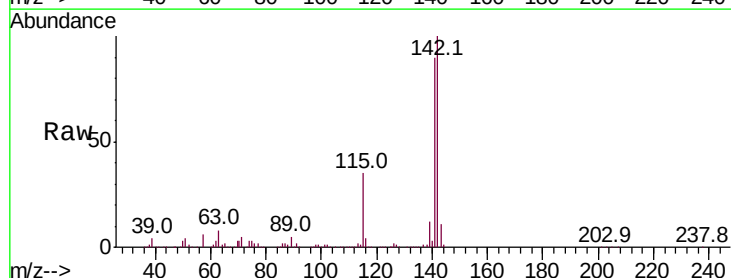
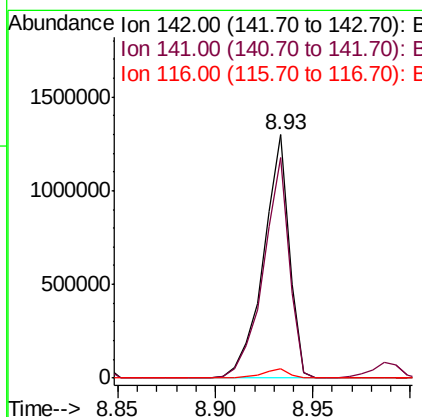
Manual Integrations
APPROVED

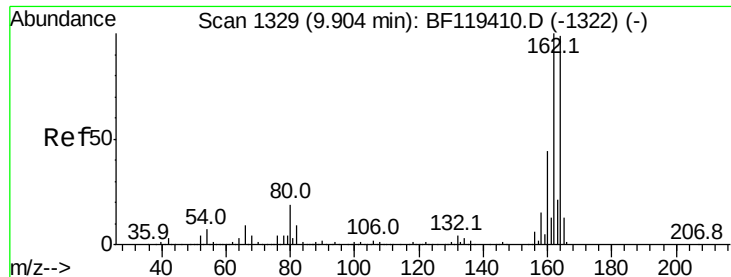
mohammad
3/31/2020 8:15:14 AM



#38
1-Methylnaphthalene
Concen: 34.753 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.7	110.5
116	3.6	3.0	4.6





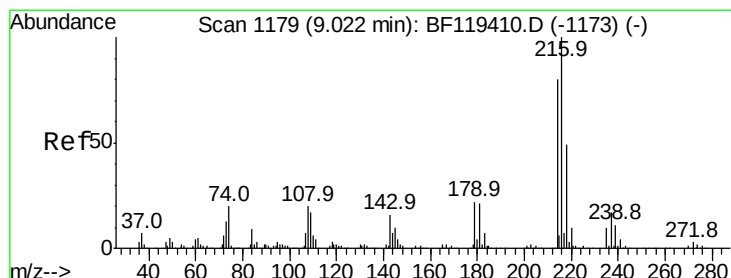
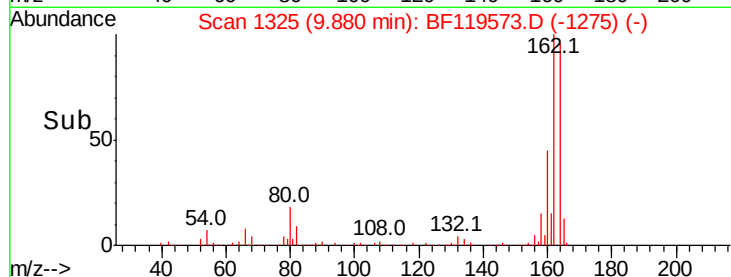
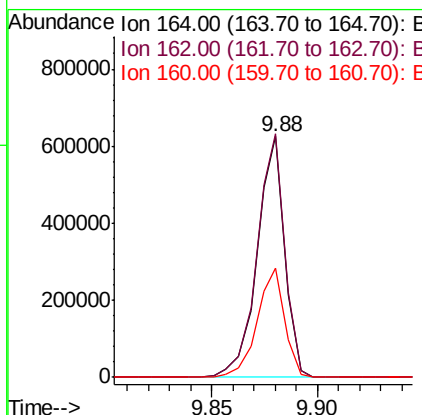
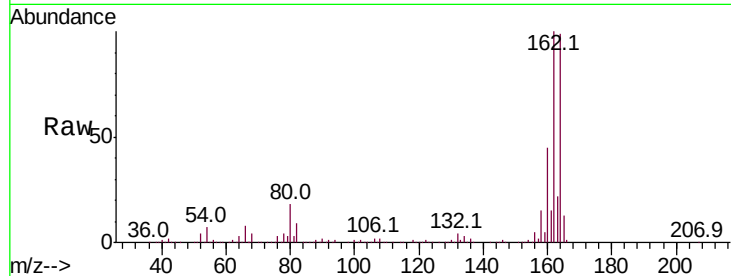
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	121.0
160	45.2	35.7	53.5

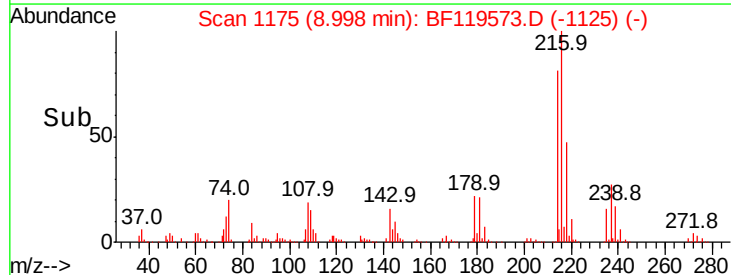
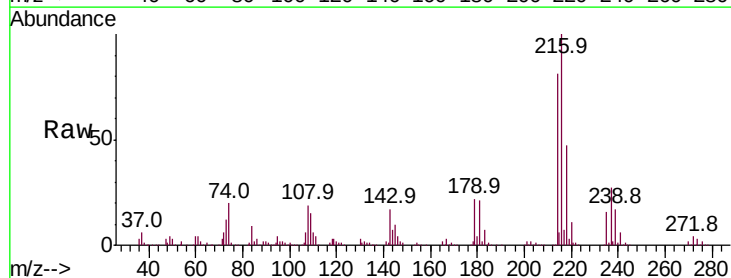
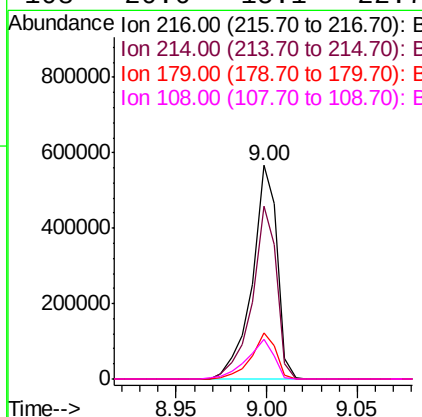
Manual Integrations
 APPROVED

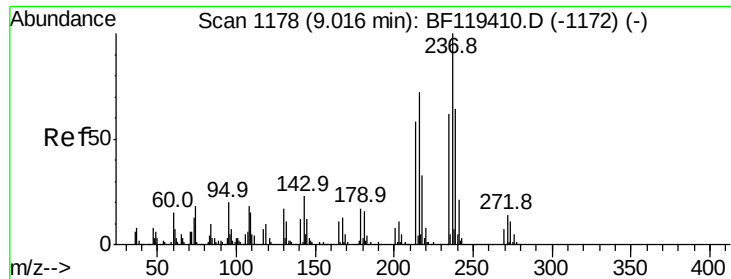
mohammad
 3/31/2020 8:15:14 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.492 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.2	94.8
179	21.2	17.1	25.7
108	20.6	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 69.271 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

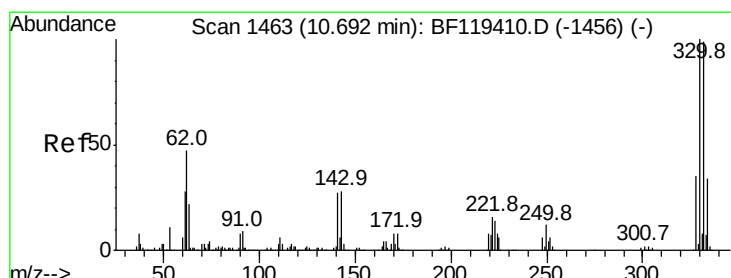
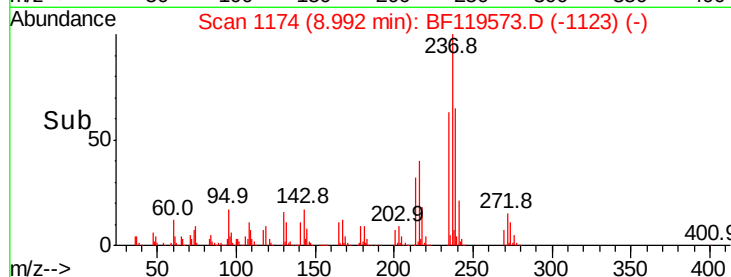
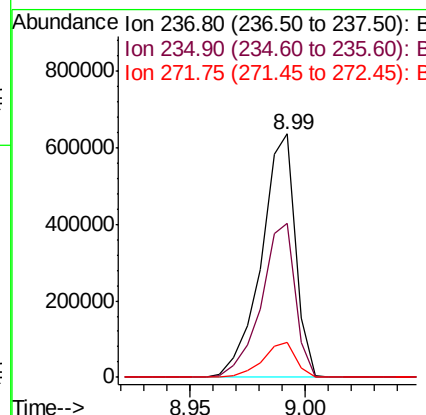
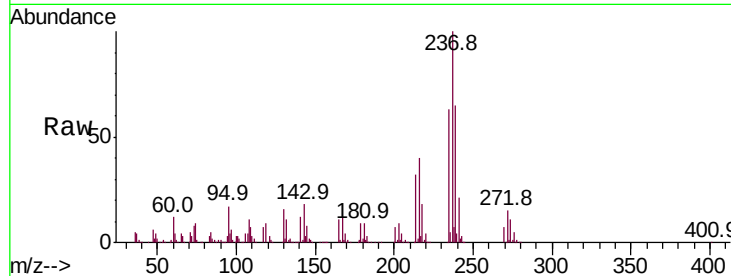
ClientSampleId :

PB127856BSD

Tot Ion:	237	Resp:	653271
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.2	83.2
272	14.6	0.0	34.1

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



#42

2,4,6-Tribromophenol

Concen: 102.956 ng

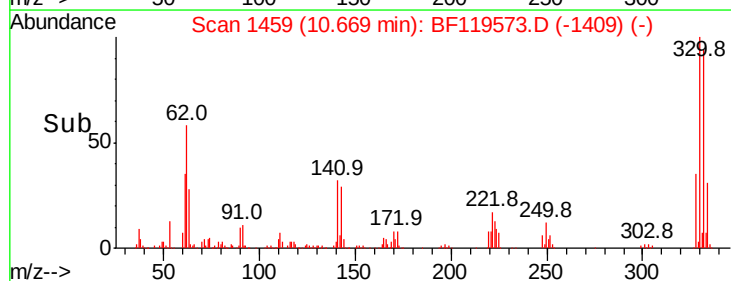
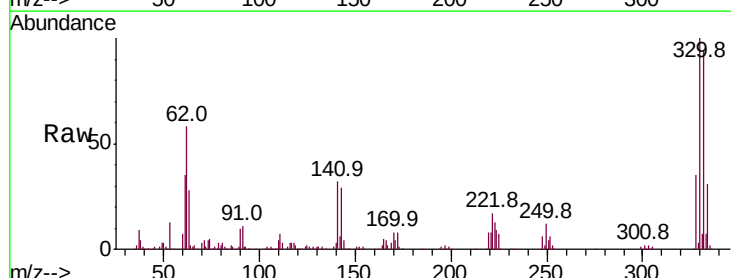
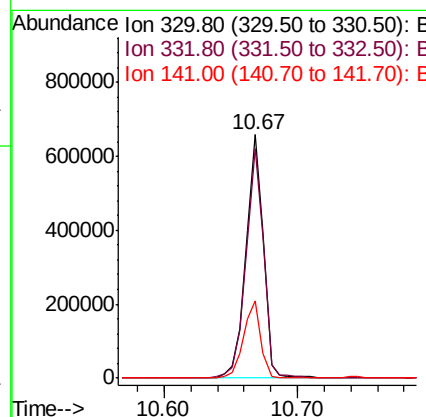
RT: 10.67 min Scan# 1459

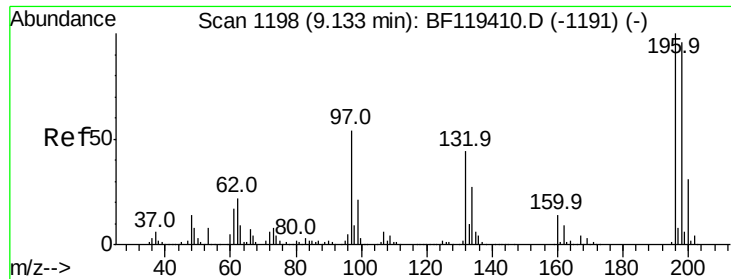
Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tgt Ion:	330	Resp:	601119
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.7	113.5
141	31.6	25.4	38.0





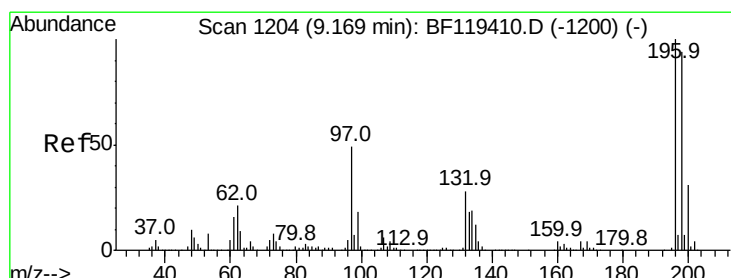
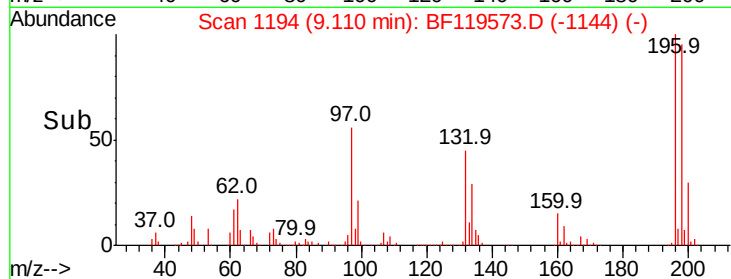
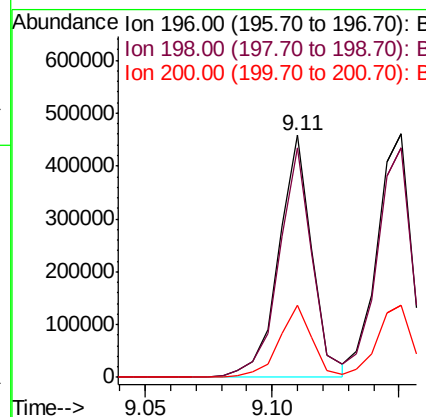
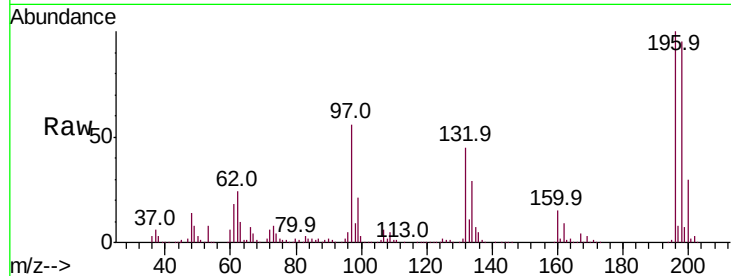
#43
 2,4,6-Trichlorophenol
 Concen: 35.444 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	420755		
198	94.9	76.6	115.0	
200	29.8	24.6	36.8	

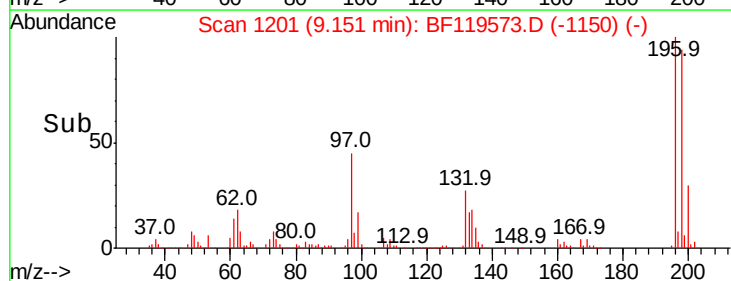
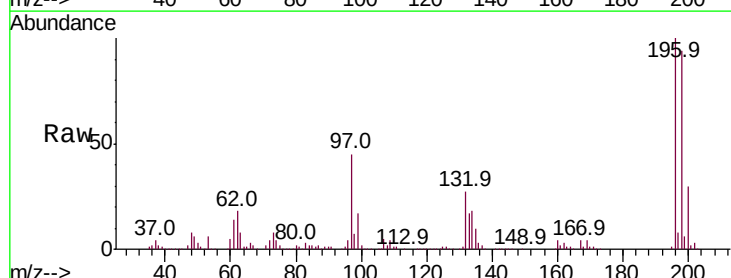
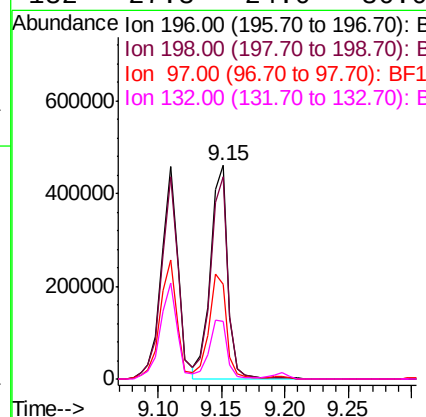
Manual Integrations
 APPROVED

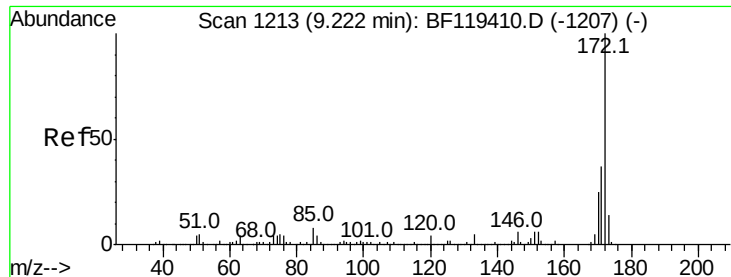
mohammad
 3/31/2020 8:15:14 AM



#44
 2,4,5-Trichlorophenol
 Concen: 33.368 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	443729		
198	94.5	73.8	110.8	
97	44.6	42.6	63.8	
132	27.3	24.0	36.0	





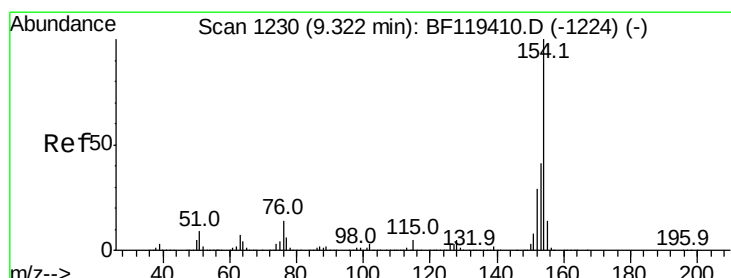
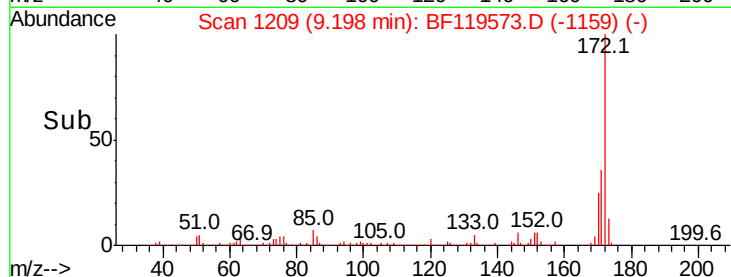
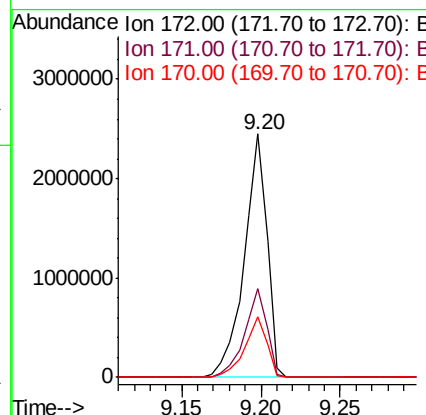
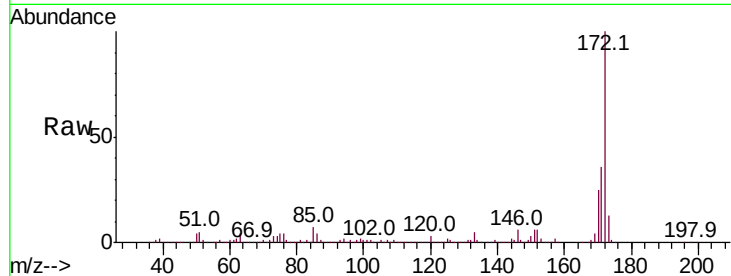
#45
2-Fluorobiphenyl
Concen: 63.311 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.7	20.2	30.2

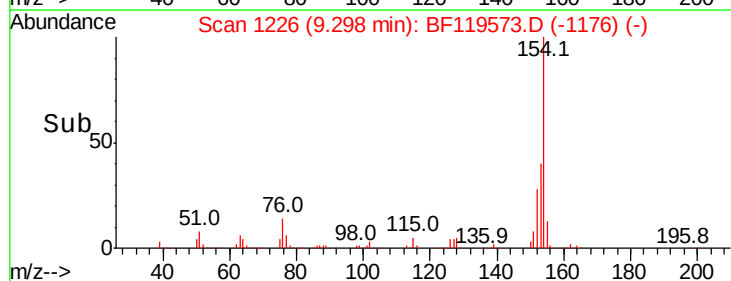
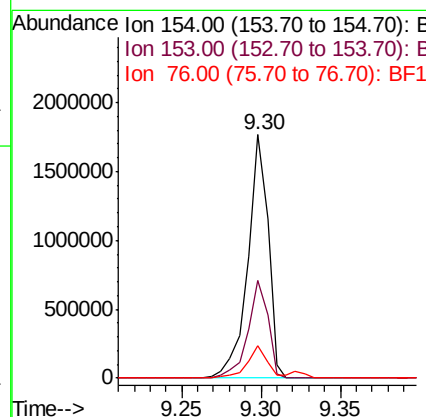
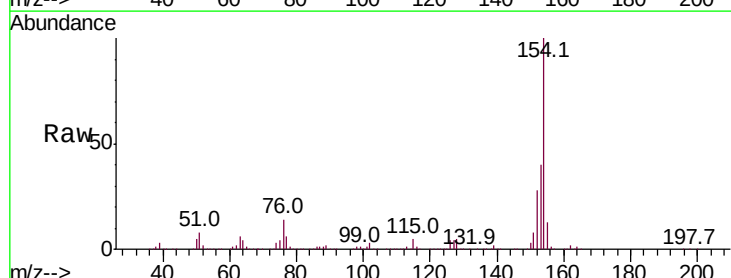
Manual Integrations
APPROVED

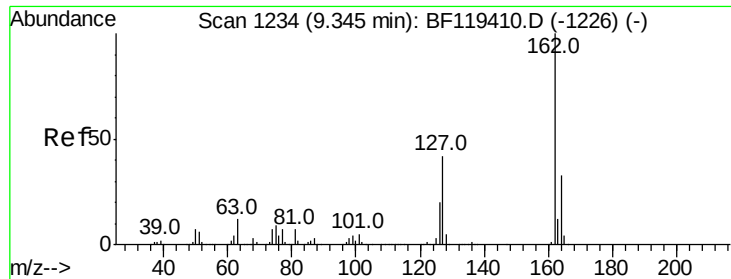
mohammad
3/31/2020 8:15:14 AM



#46
1,1'-Biphenyl
Concen: 33.829 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.4	61.4
76	13.6	0.0	33.0





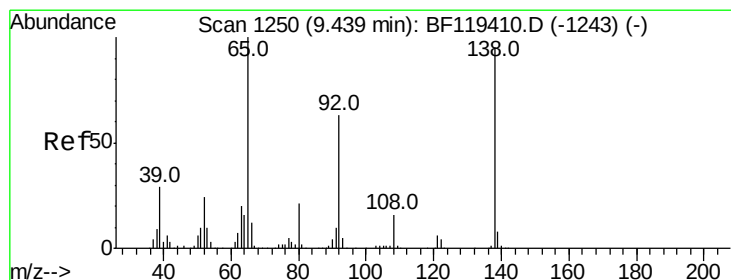
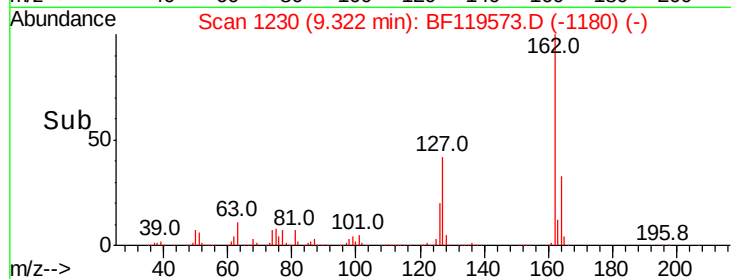
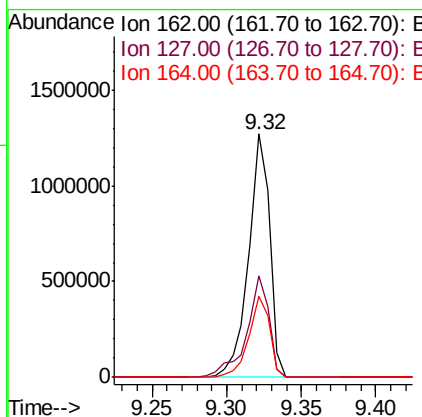
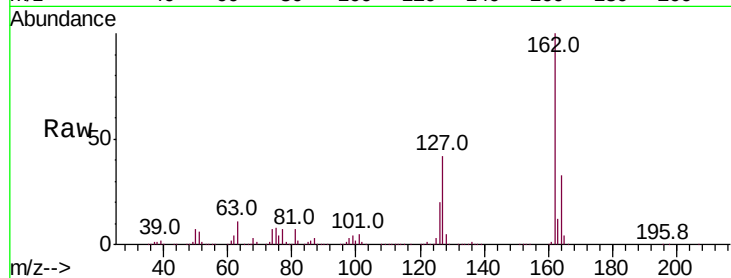
#47
 2-Chloronaphthalene
 Concen: 34.264 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tot Ion:	162	Resp:	1237121
Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.7	50.5
164	33.3	26.3	39.5

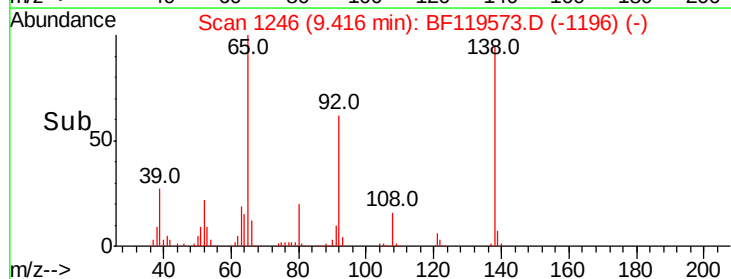
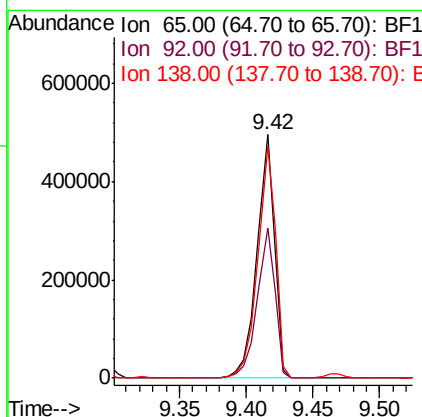
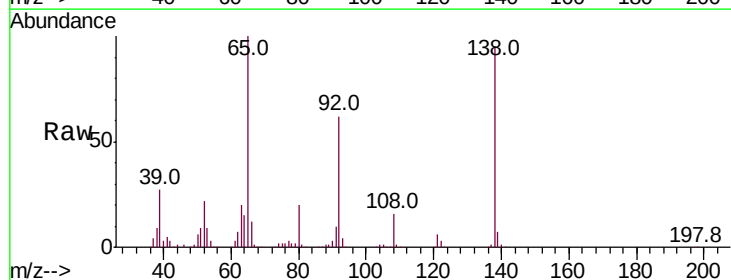
Manual Integrations
 APPROVED

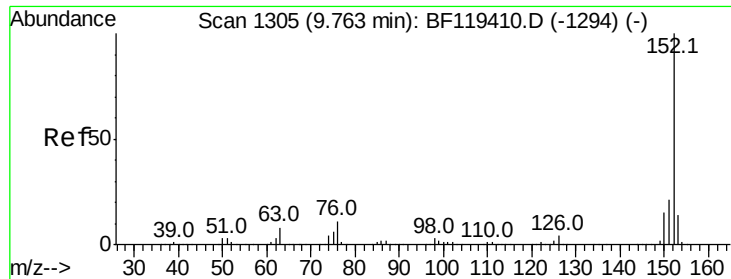
mohammad
 3/31/2020 8:15:14 AM



#48
 2-Nitroaniline
 Concen: 35.414 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion:	65	Resp:	441332
Ion	Ratio	Lower	Upper
65	100		
92	61.8	50.0	75.0
138	95.1	75.0	112.4





#49

Acenaphthylene

Concen: 32.940 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

Tot Ion:152 Resp: 1867645

Ion Ratio Lower Upper

152 100

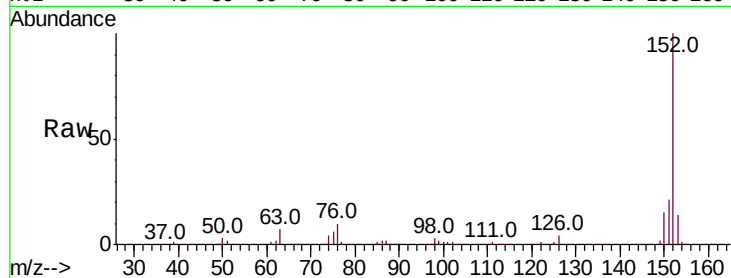
151 21.1 17.2 25.8

153 13.6 11.2 16.8

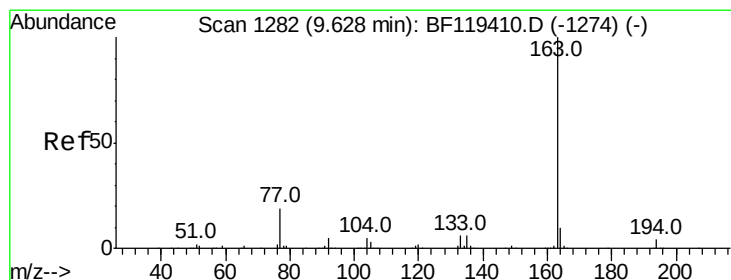
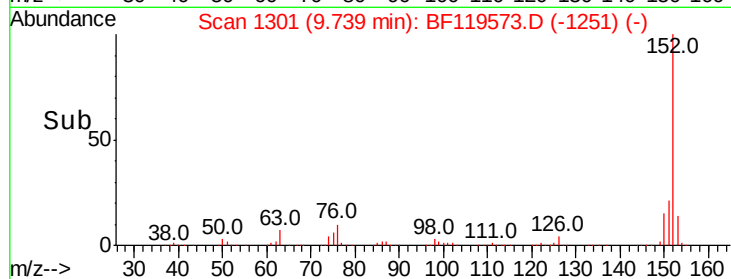
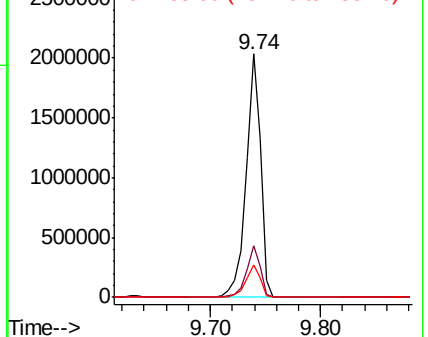
Manual Integrations
APPROVED

mohammad

3/31/2020 8:15:14 AM



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



#50

Dimethylphthalate

Concen: 34.828 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

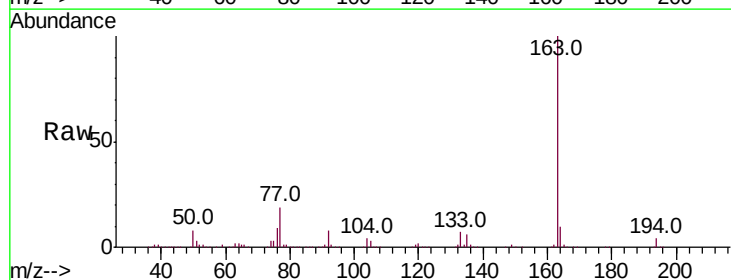
Tgt Ion:163 Resp: 1400067

Ion Ratio Lower Upper

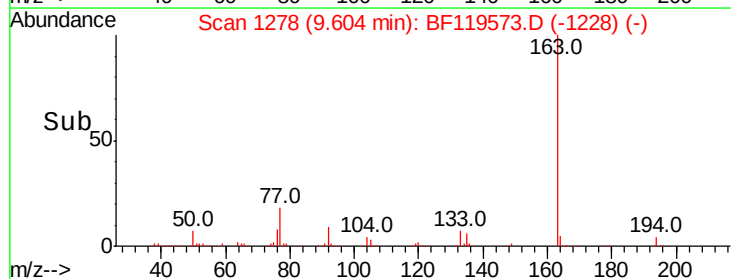
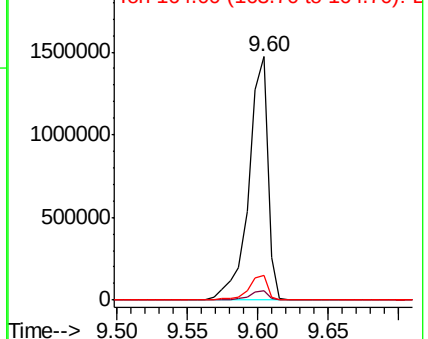
163 100

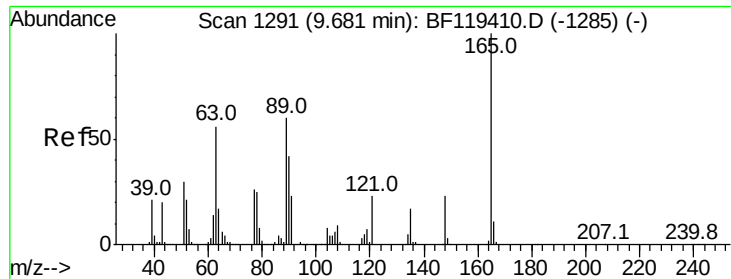
194 4.1 3.1 4.7

164 10.2 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





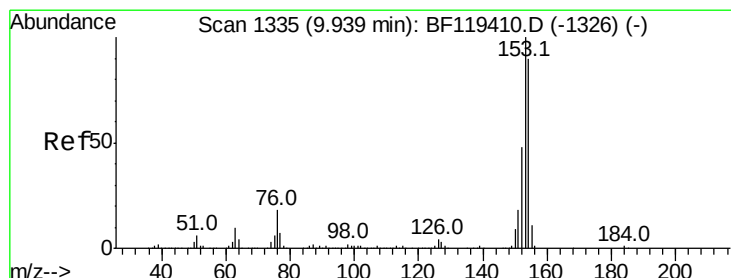
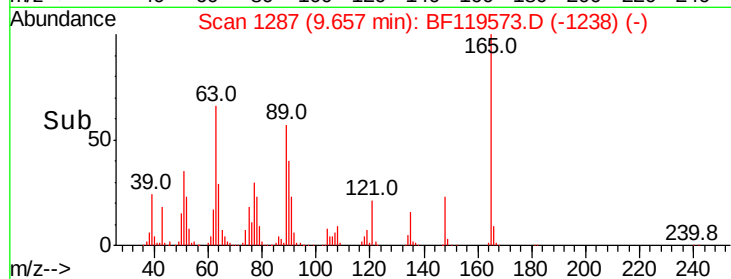
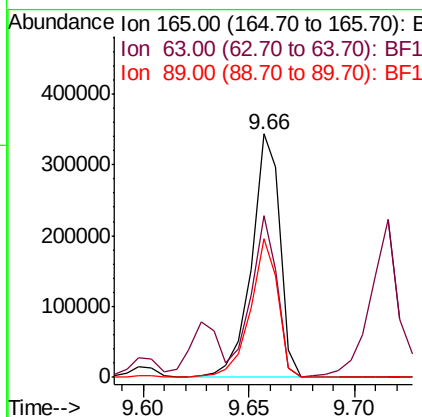
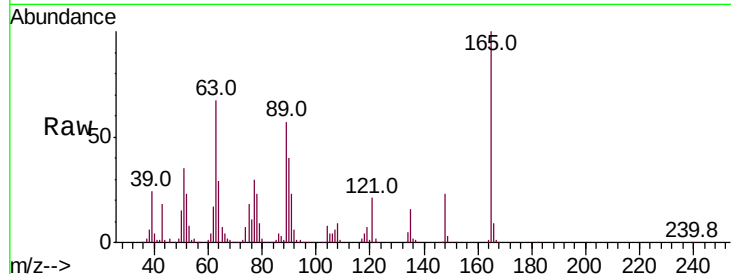
#51
2,6-Dinitrotoluene
Concen: 37.247 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	320939		
63	66.5		45.0	67.4
89	56.9		41.5	62.3

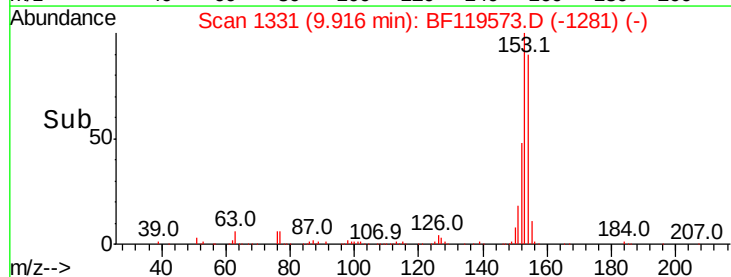
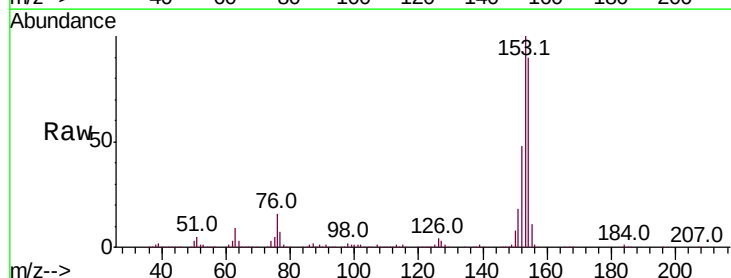
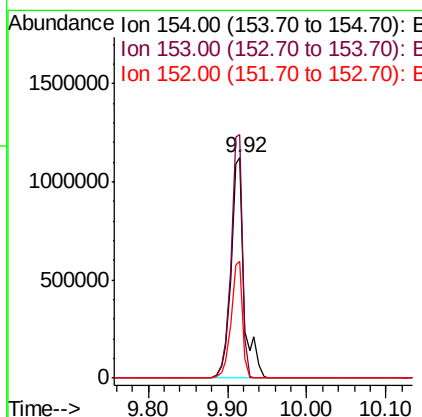
Manual Integrations
APPROVED

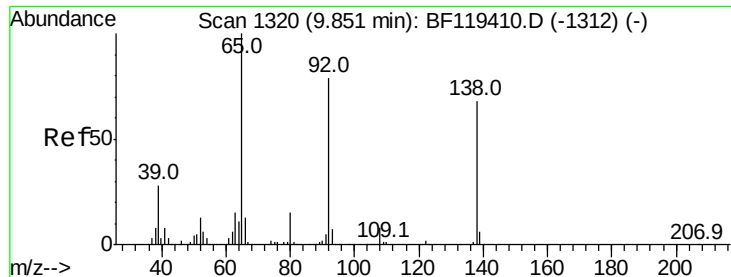
mohammad
3/31/2020 8:15:14 AM



#52
Acenaphthene
Concen: 36.442 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1288091		
153	110.7		88.1	132.1
152	53.2		43.0	64.4





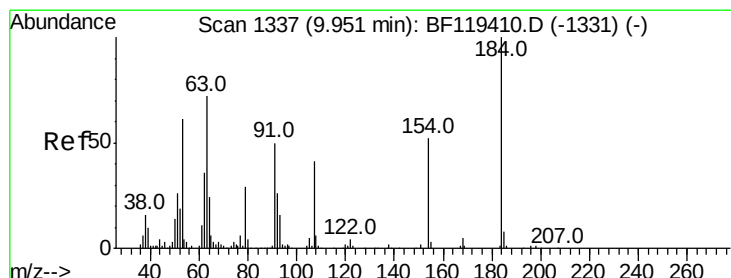
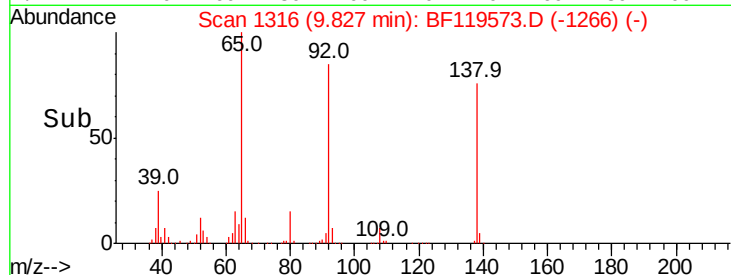
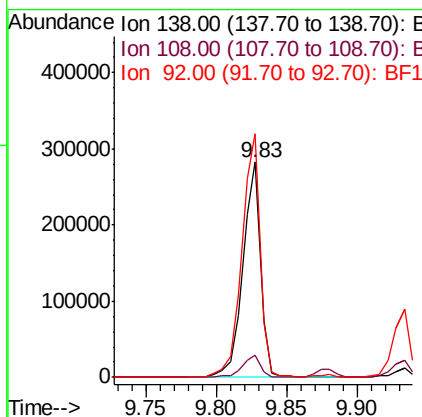
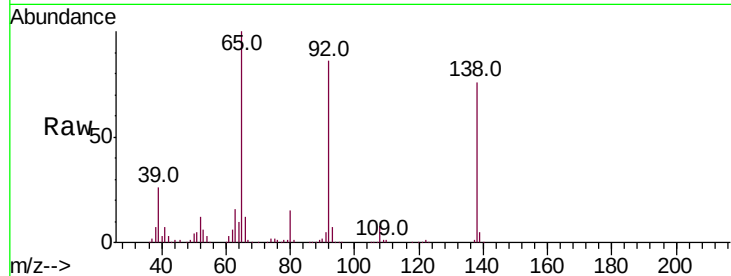
#53
 3-Nitroaniline
 Concen: 22.634 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	246213		
108	10.0	8.6	13.0	
92	113.1	95.4	143.0	

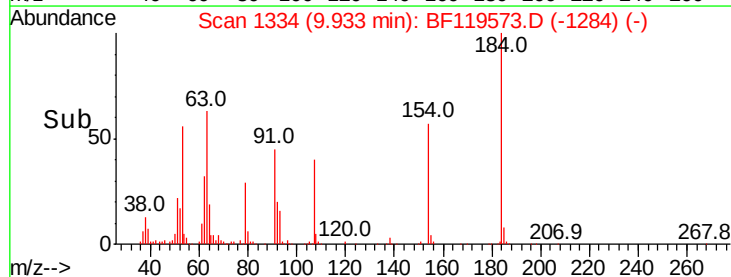
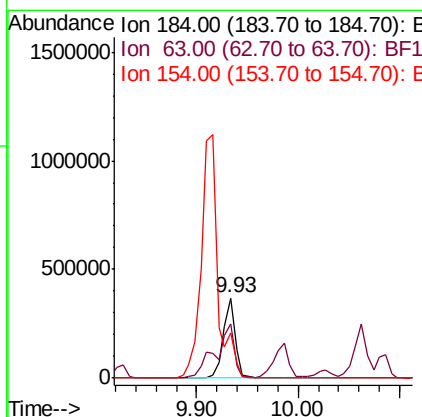
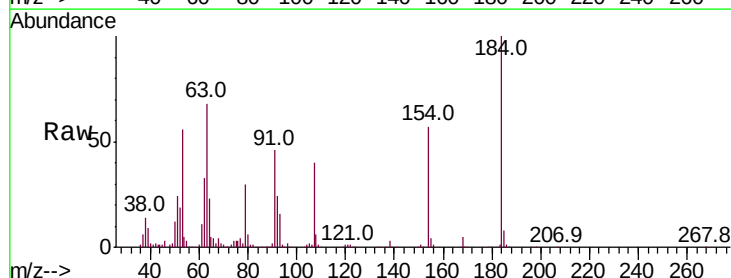
Manual Integrations
 APPROVED

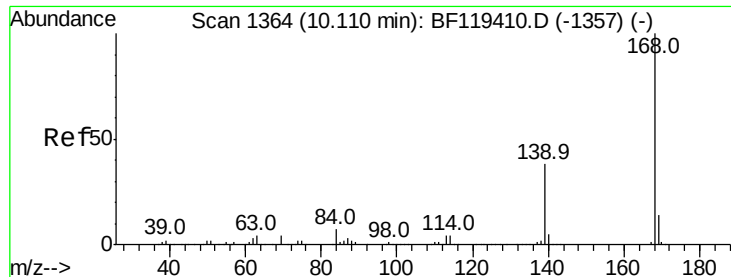
mohammad
 3/31/2020 8:15:14 AM



#54
 2,4-Dinitrophenol
 Concen: 81.115 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	302842		
63	68.3	50.2	75.4	
154	56.9	44.5	66.7	





#55

Dibenzofuran

Concen: 34.964 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampled :

PB127856BSD

Tot Ion:168 Resp: 1771874

Ion Ratio Lower Upper

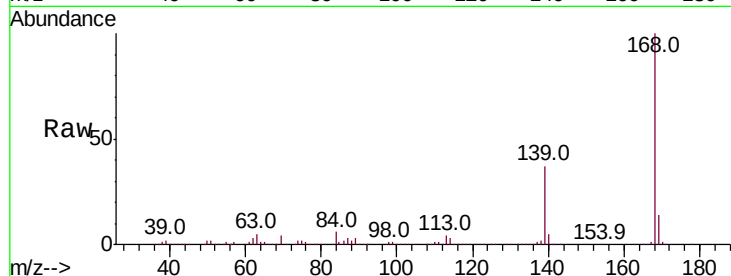
168 100

139 36.6 30.1 45.1

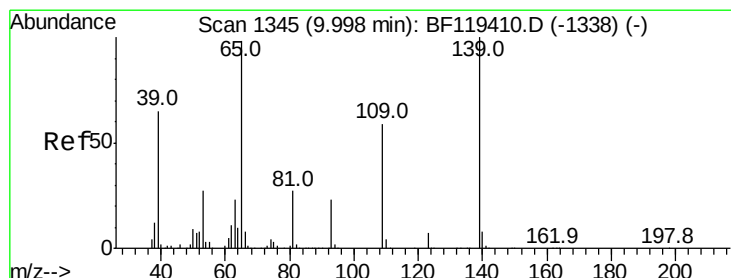
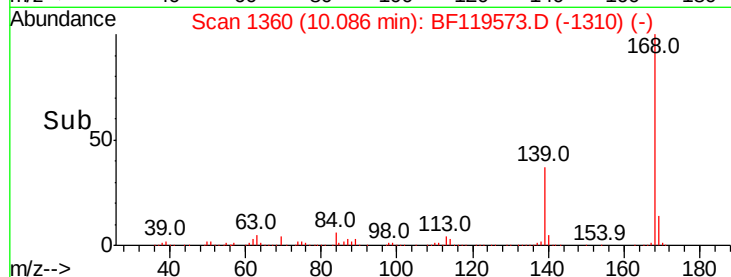
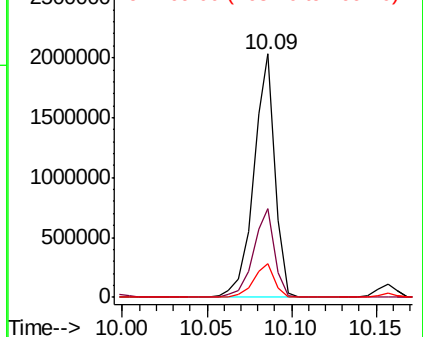
169 13.6 11.0 16.6

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



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: 63.629 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

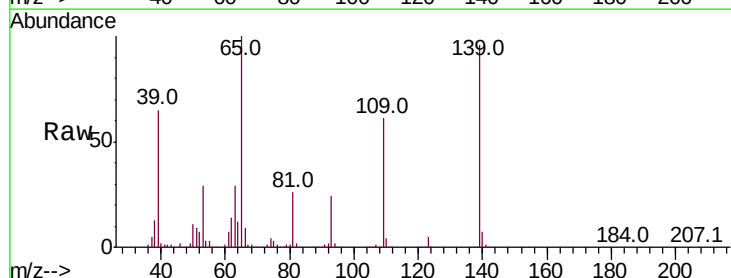
Tgt Ion:139 Resp: 546029

Ion Ratio Lower Upper

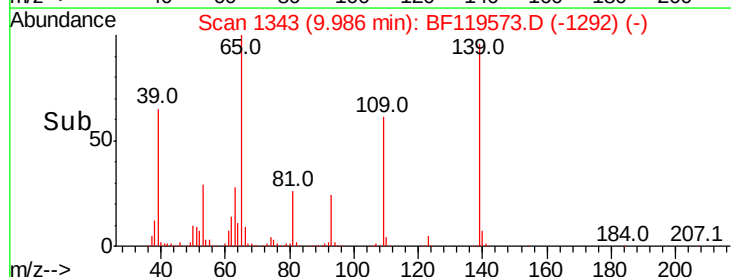
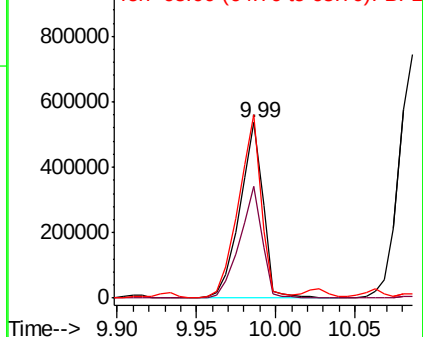
139 100

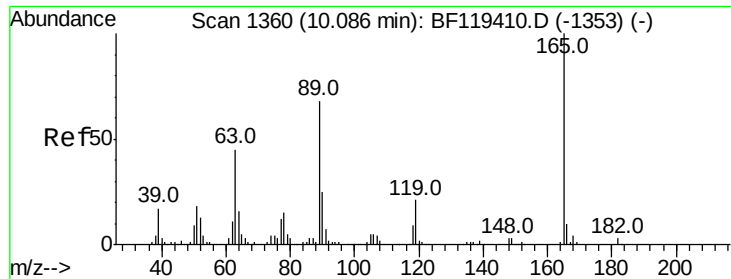
109 63.7 43.3 83.3

65 104.5 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





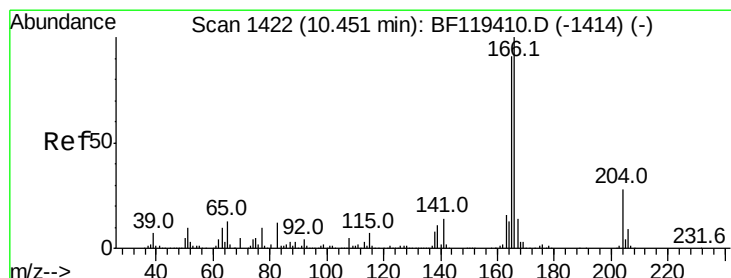
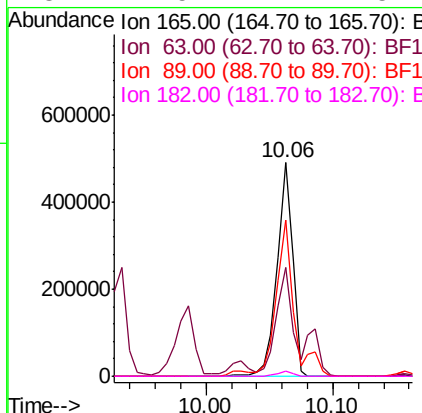
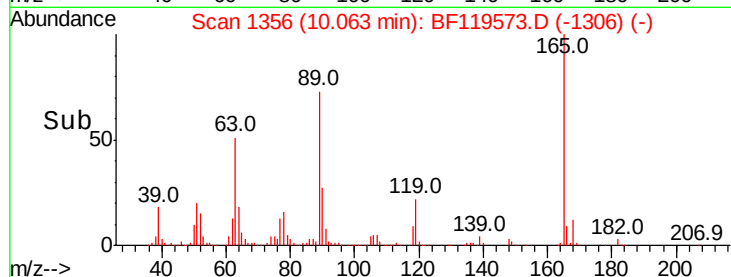
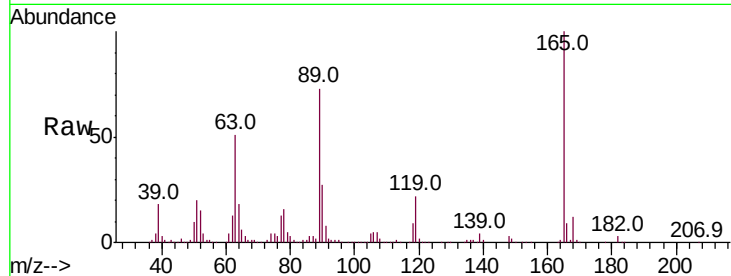
#57
2,4-Dinitrotoluene
Concen: 38.752 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	42.6	64.0
89	73.0	61.0	91.4
182	2.5	2.2	3.2

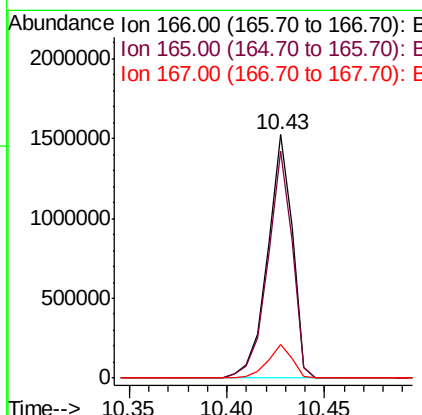
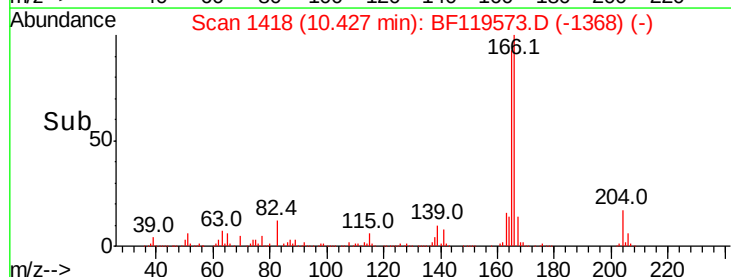
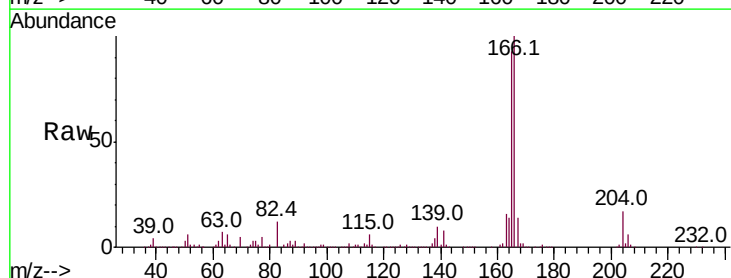
Manual Integrations
APPROVED

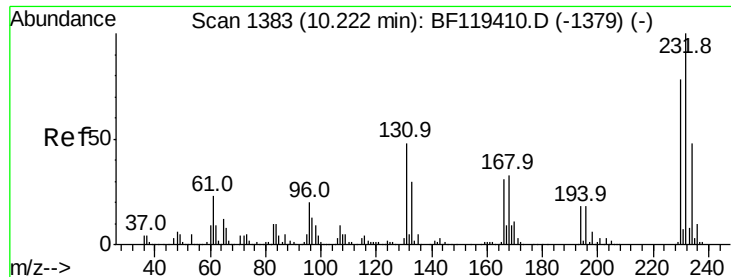
mohammad
3/31/2020 8:15:14 AM



#58
Fluorene
Concen: 35.658 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	75.4	113.2
167	14.1	11.2	16.8





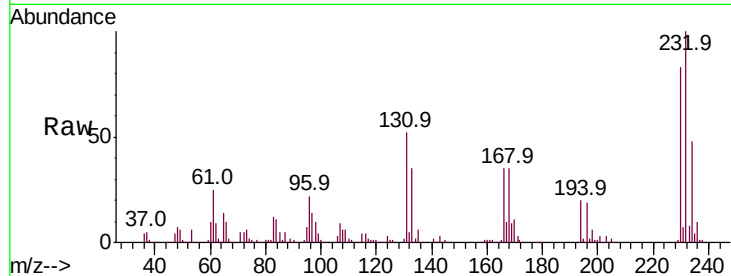
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.644 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.8	37.5	56.3
130	2.0	1.8	2.6
166	31.7	24.6	36.8

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



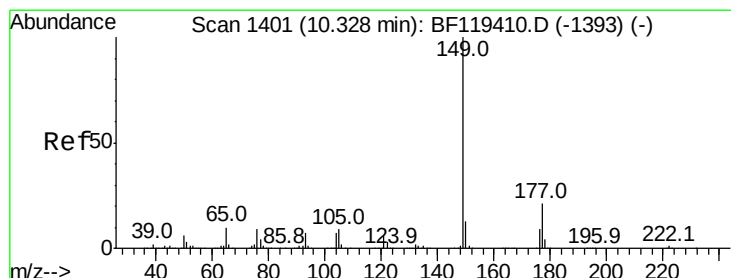
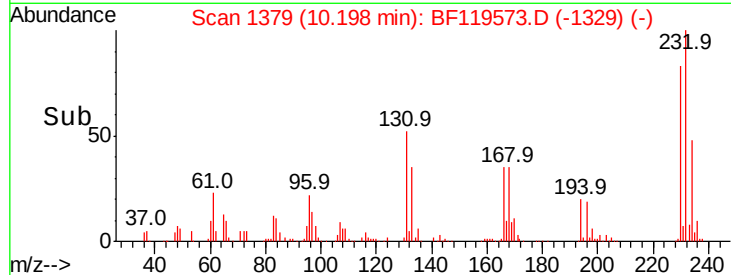
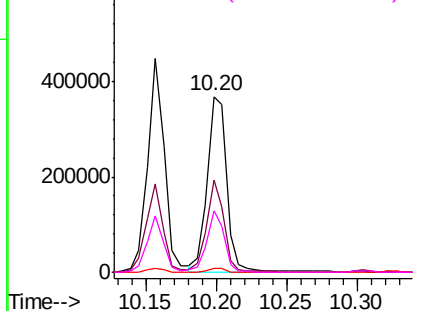
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 35.625 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

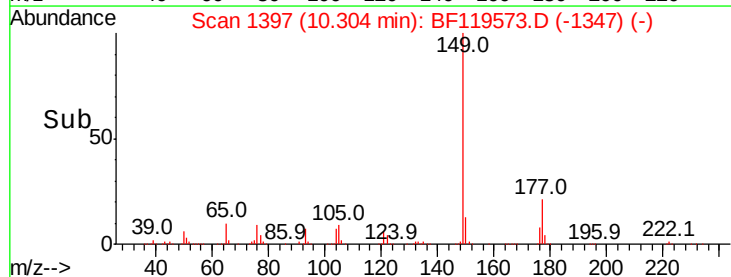
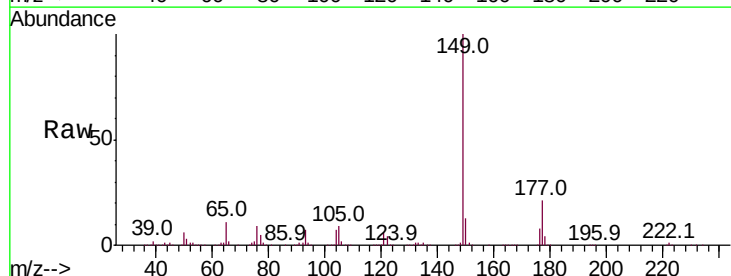
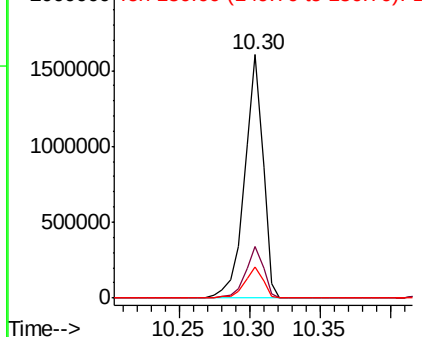
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	12.6	10.1	15.1

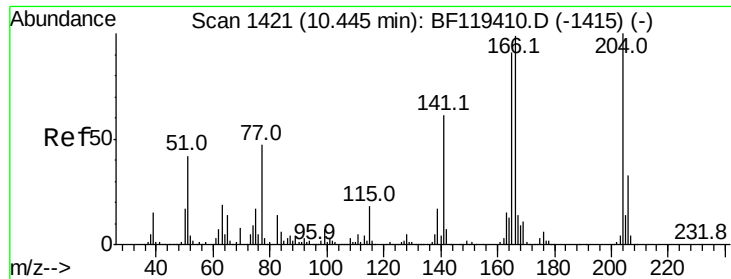
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





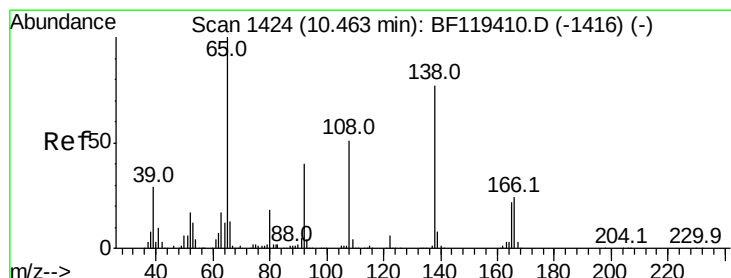
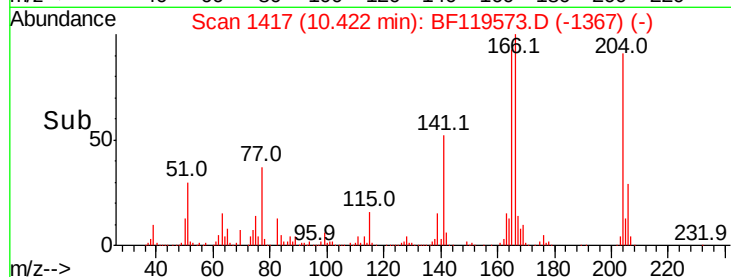
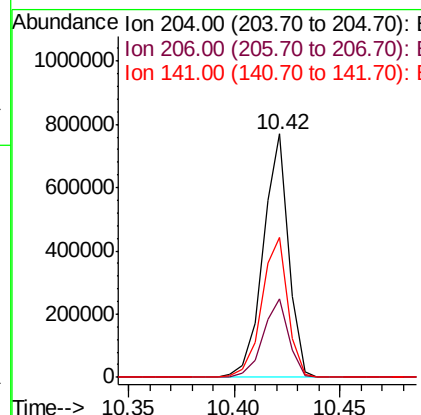
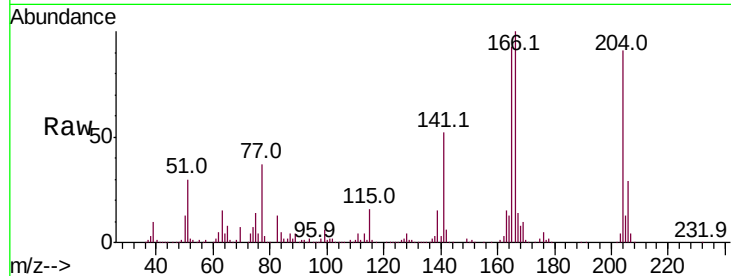
#61
 4-Chlorophenyl-phenylether
 Concen: 35.135 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampled :
 PB127856BSD

Tot Ion:	204	Resp:	643897
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.7	40.1
141	57.3	47.3	70.9

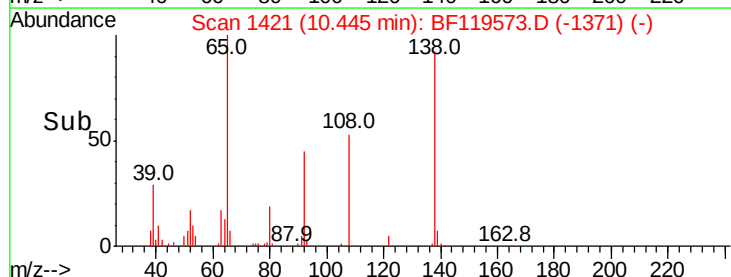
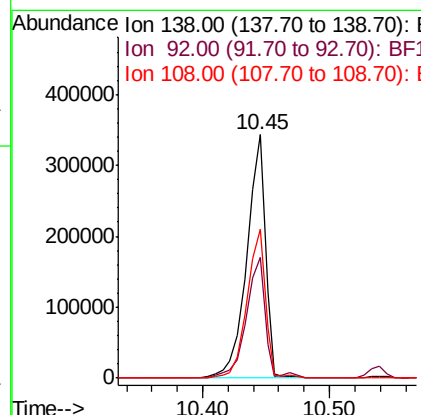
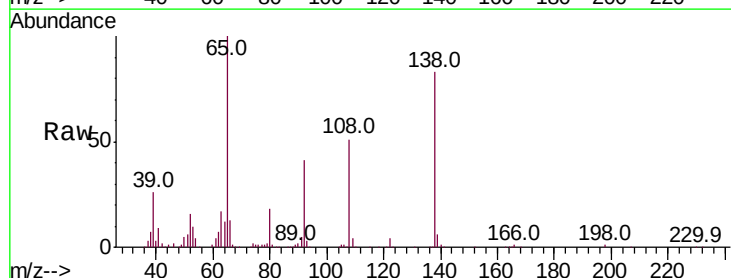
Manual Integrations
 APPROVED

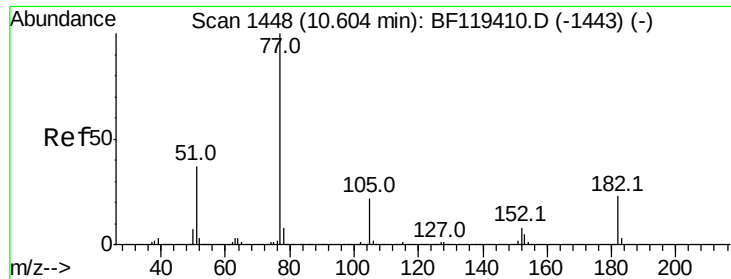
mohammad
 3/31/2020 8:15:14 AM



#62
 4-Nitroaniline
 Concen: 33.598 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion:	138	Resp:	350469
Ion Ratio	Lower	Upper	
138	100		
92	49.7	31.5	71.5
108	61.0	45.8	85.8





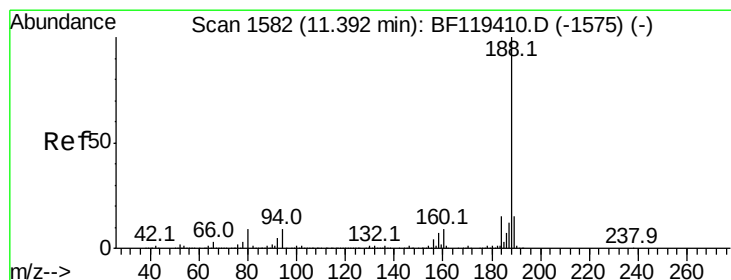
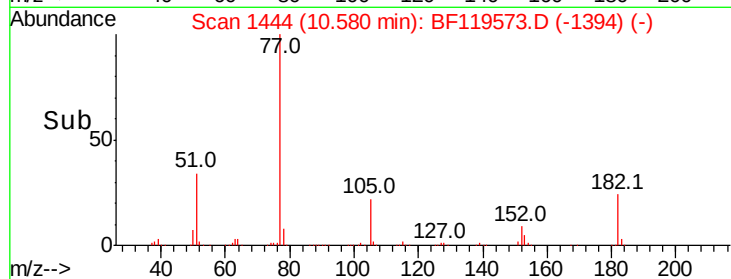
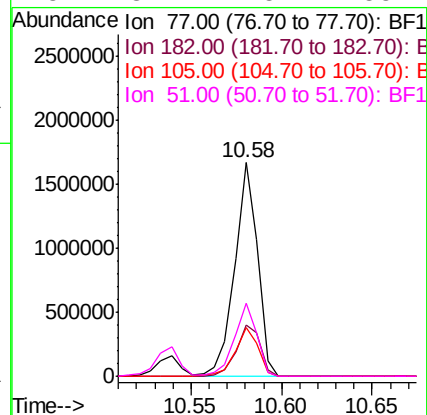
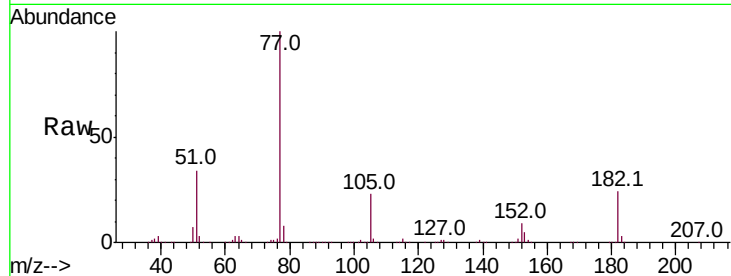
#63
Azobenzene
Concen: 35.561 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.4	44.4
105	22.8	2.6	42.6
51	34.1	15.1	55.1

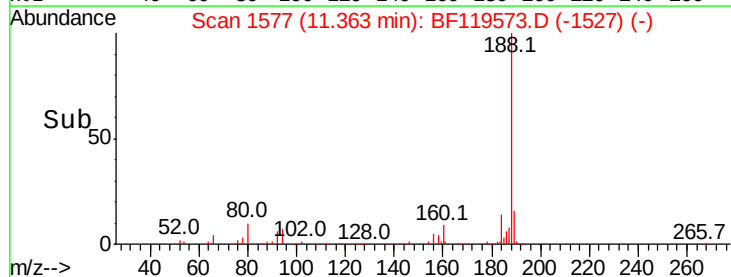
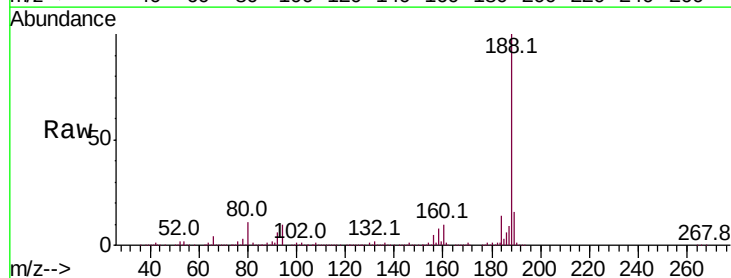
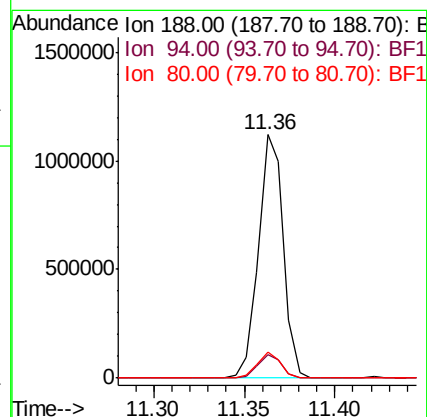
Manual Integrations
APPROVED

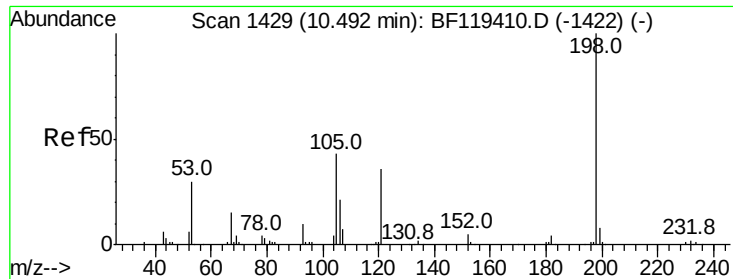
mohammad
3/31/2020 8:15:14 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	10.7	9.0	13.4





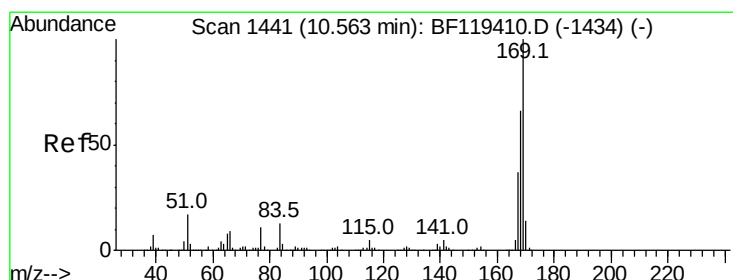
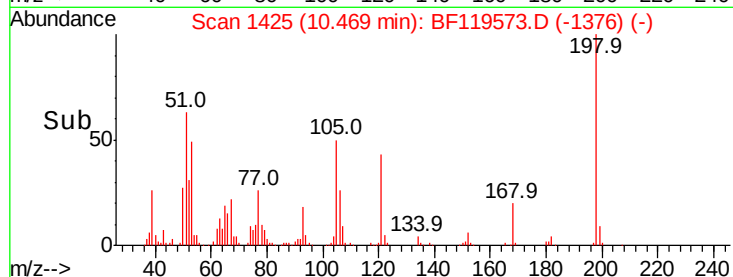
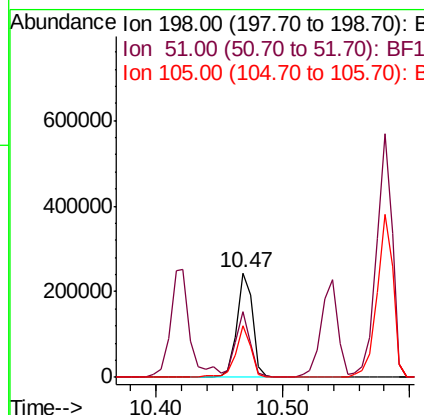
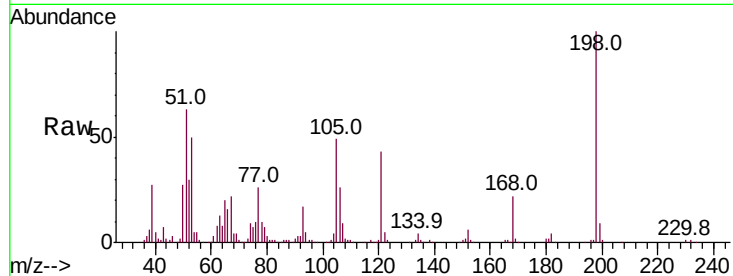
#65
4,6-Dinitro-2-methylphenol
Concen: 46.860 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	209809		
51	62.8	29.0	69.0	
105	49.4	22.2	62.2	

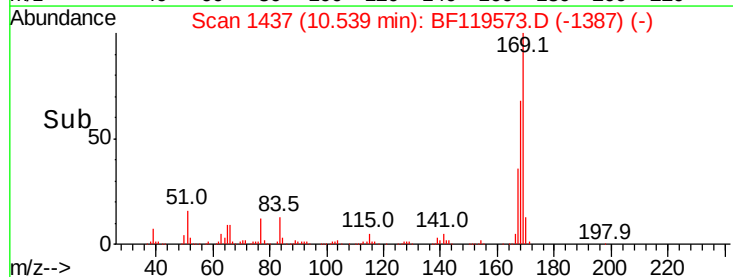
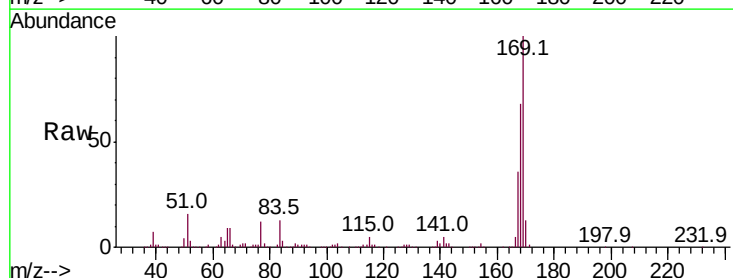
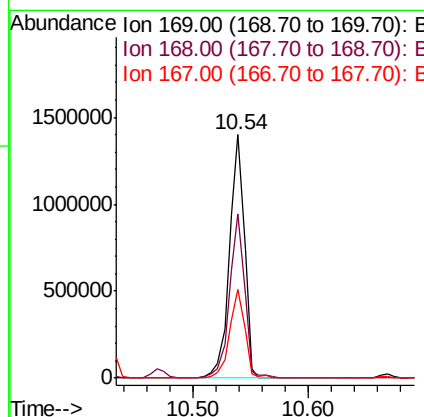
Manual Integrations
APPROVED

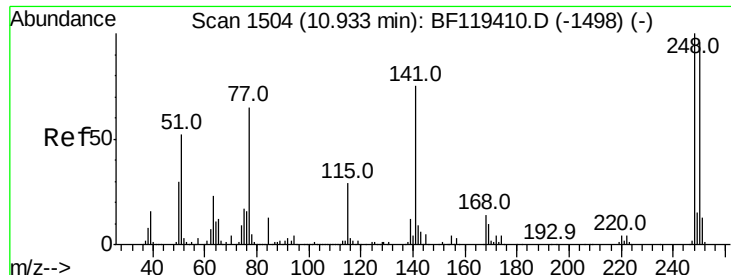
mohammad
3/31/2020 8:15:14 AM



#66
n-Nitrosodiphenylamine
Concen: 35.759 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1253443		
168	67.6	53.2	79.8	
167	36.4	29.1	43.7	





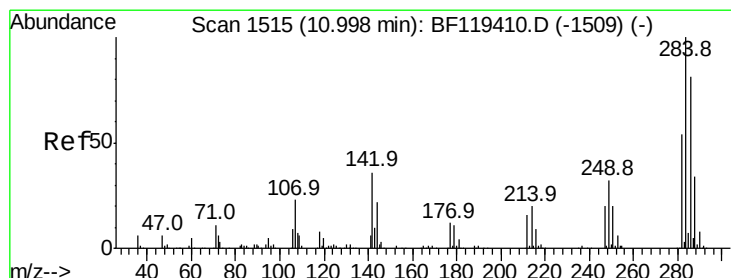
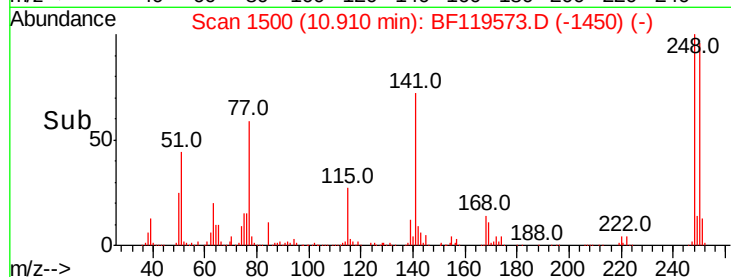
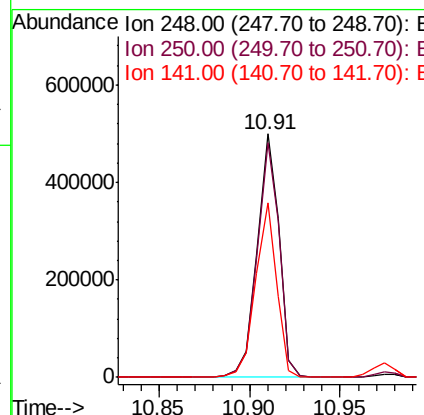
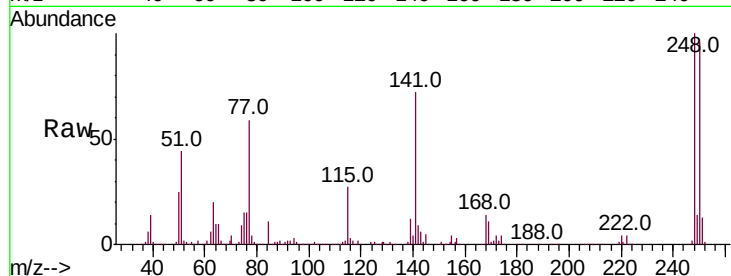
#67
 4-Bromophenyl-phenylether
 Concen: 34.419 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.3	115.9
141	71.5	58.6	87.8

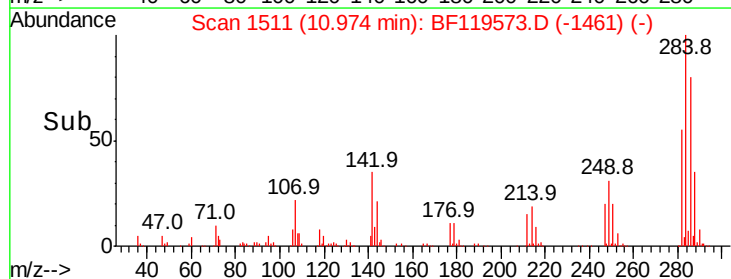
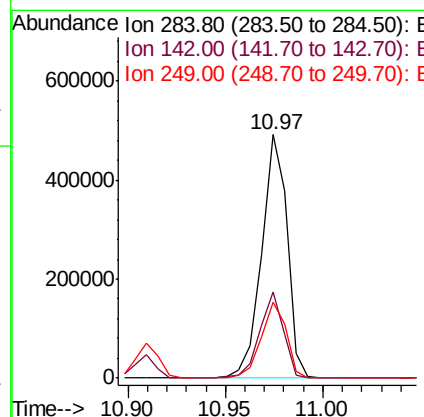
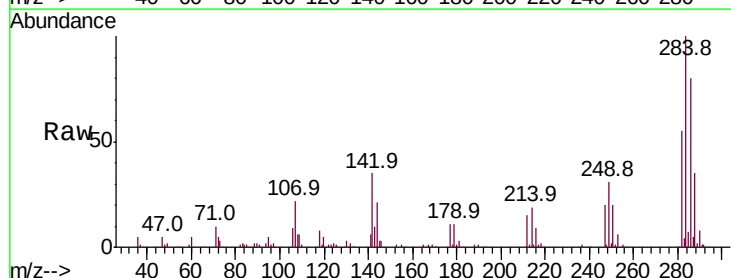
Manual Integrations
 APPROVED

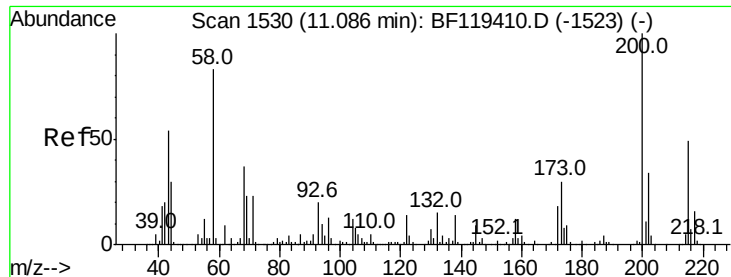
mohammad
 3/31/2020 8:15:14 AM



#68
 Hexachlorobenzene
 Concen: 35.636 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	29.2	43.8
249	31.0	25.1	37.7





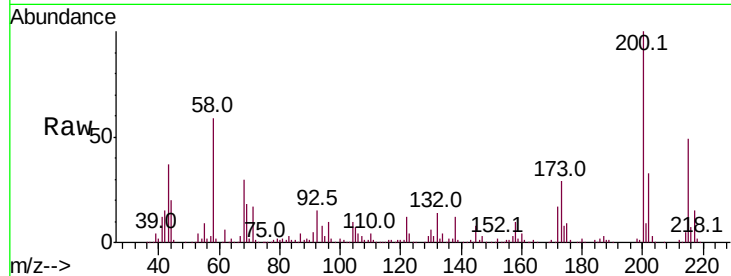
#69
Atrazine
Concen: 39.649 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	381018		
173	28.5	9.3	49.3	
215	48.9	29.5	69.5	

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM

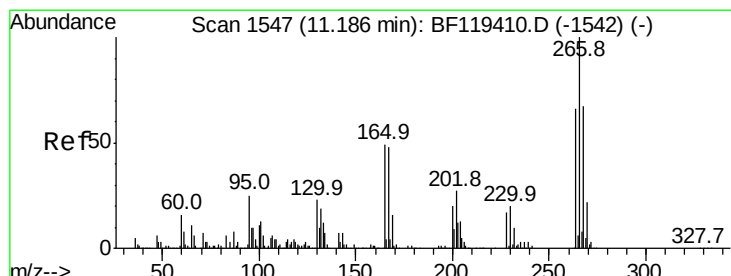
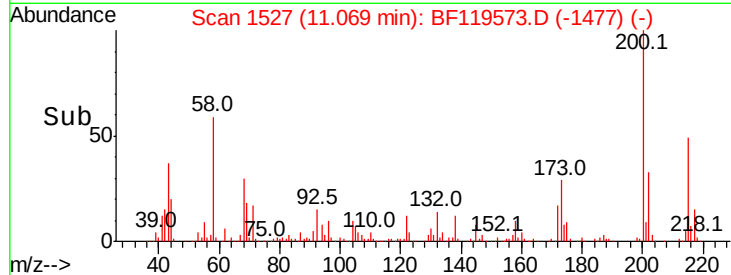
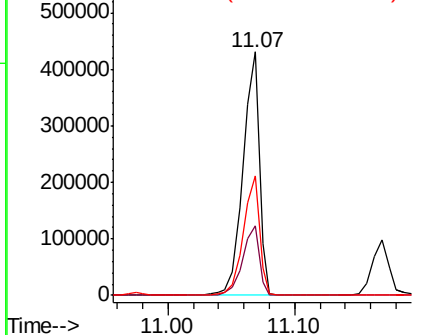


Abundance

Ion 200.00 (199.70 to 200.70): E

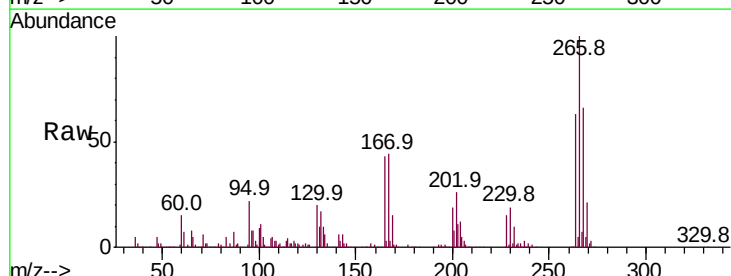
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 68.568 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	500388		
268	66.1	53.3	79.9	
264	62.9	49.0	73.4	

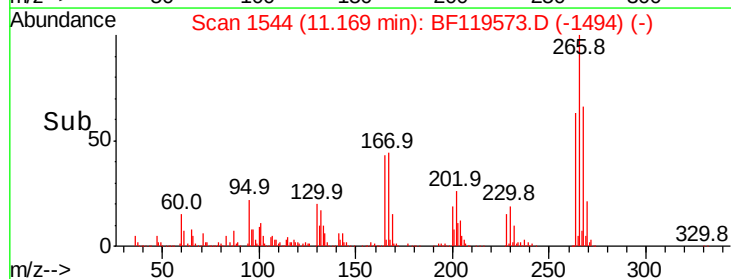
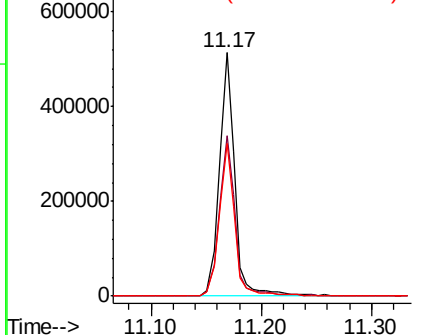


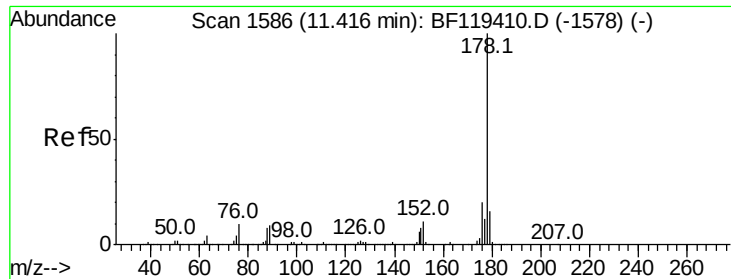
Abundance

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





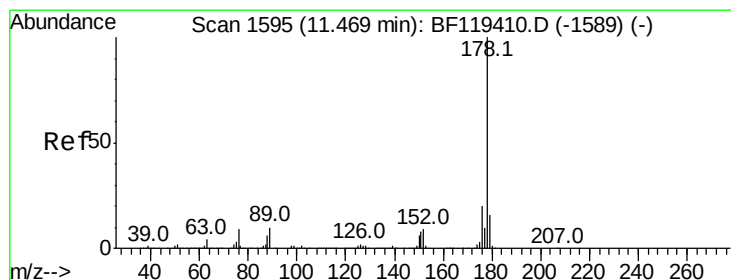
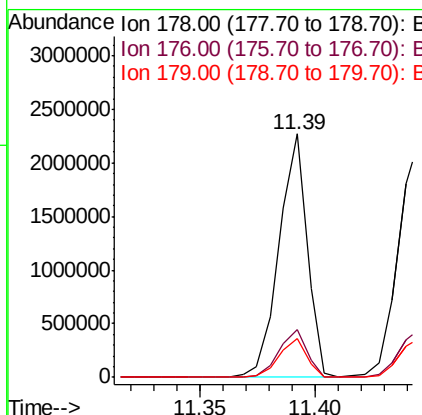
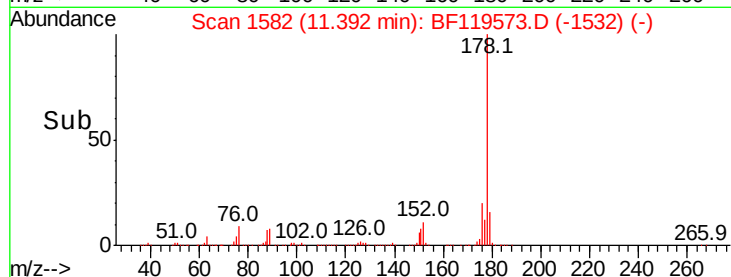
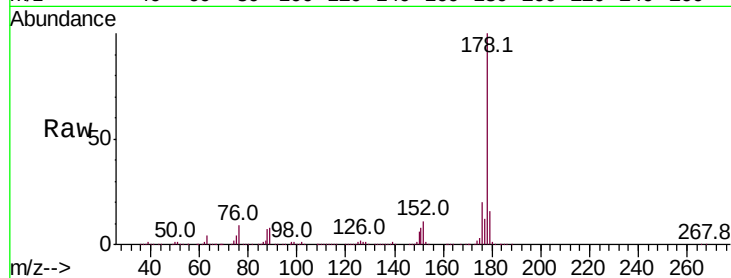
#71
Phenanthrene
Concen: 34.592 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion:178 Resp: 1915227
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 15.8 13.2 19.8

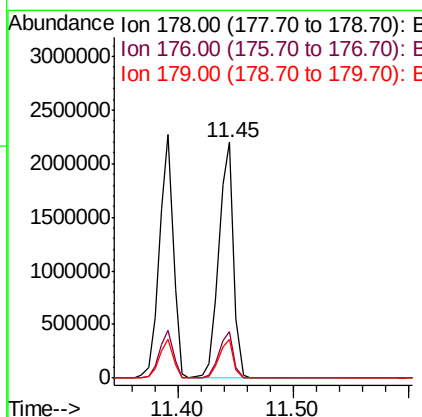
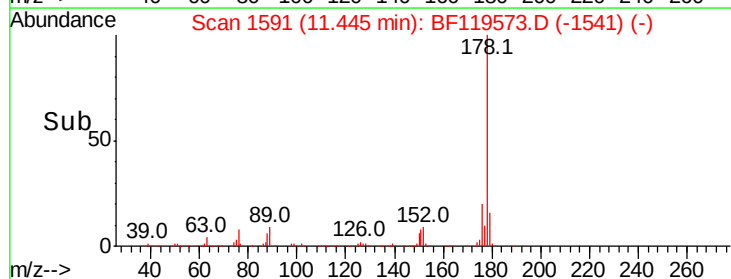
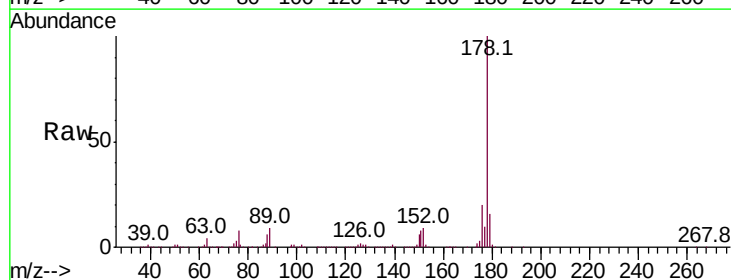
Manual Integrations
APPROVED

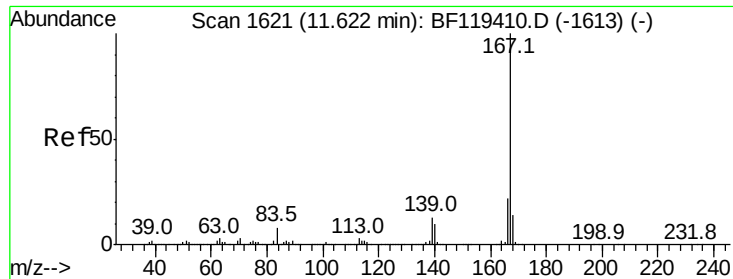
mohammad
3/31/2020 8:15:14 AM



#72
Anthracene
Concen: 34.440 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion:178 Resp: 1937964
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.2 13.0 19.4





#73

Carbazole

Concen: 32.580 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

Tot Ion:167 Resp: 1814626

Ion Ratio Lower Upper

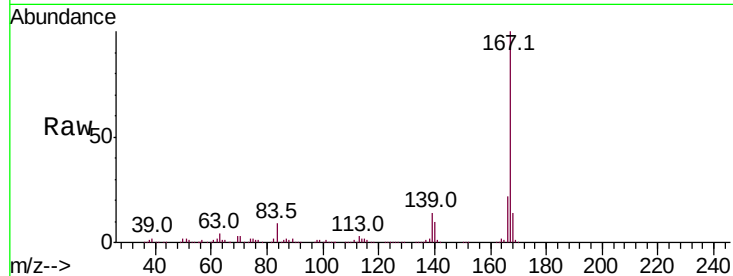
167 100

166 22.3 18.2 27.4

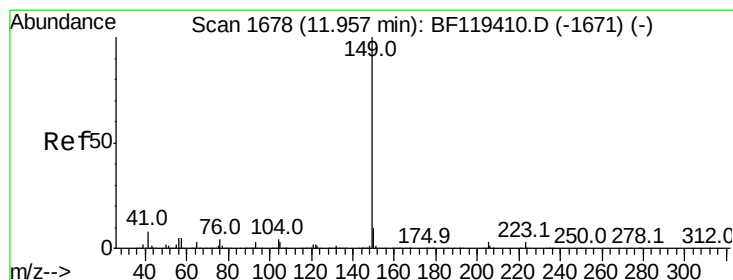
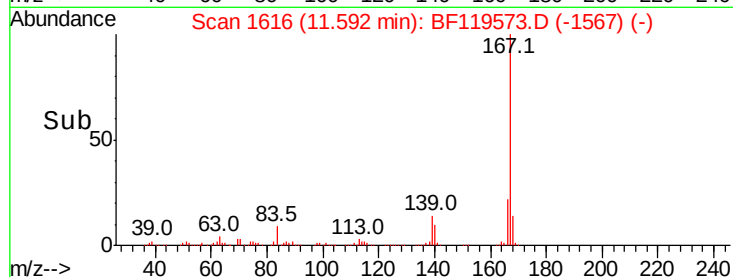
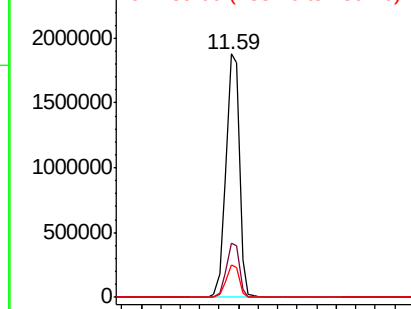
139 13.5 10.7 16.1

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



Abundance Ion 167.00 (166.70 to 167.70): E
2500000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.829 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

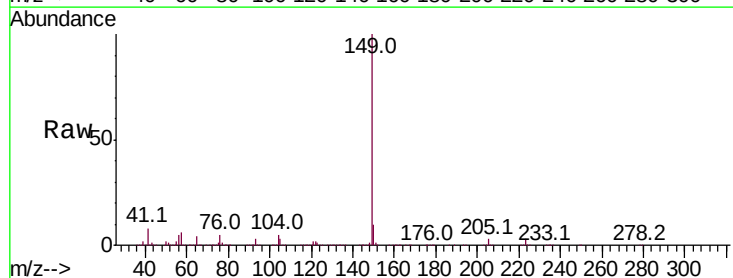
Tgt Ion:149 Resp: 2313489

Ion Ratio Lower Upper

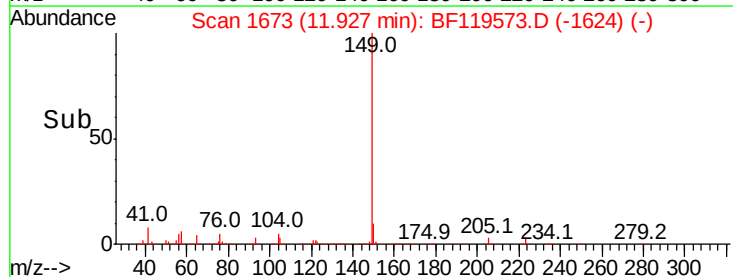
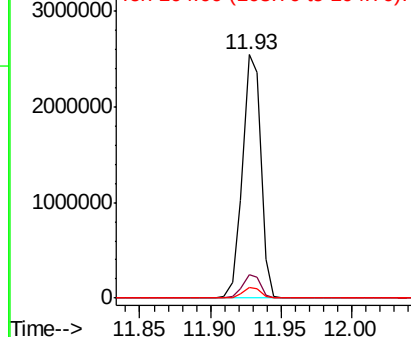
149 100

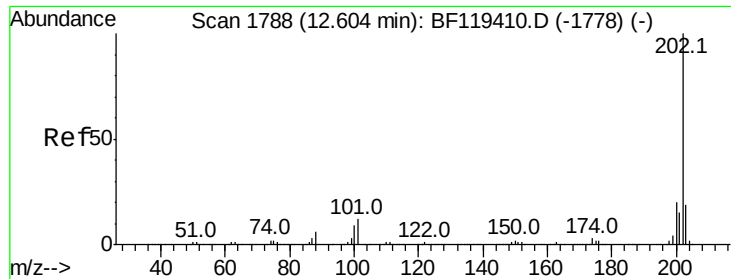
150 9.9 7.8 11.8

104 4.6 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
3000000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





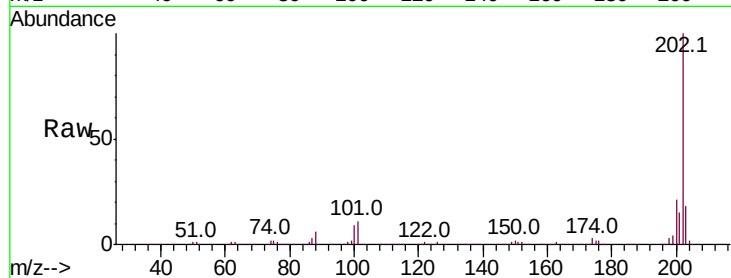
#75
 Fluoranthene
 Concen: 34.266 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2053198		
101	11.2		0.0	32.2
203	18.3		0.0	38.8

Manual Integrations
 APPROVED

mohammad
 3/31/2020 8:15:14 AM

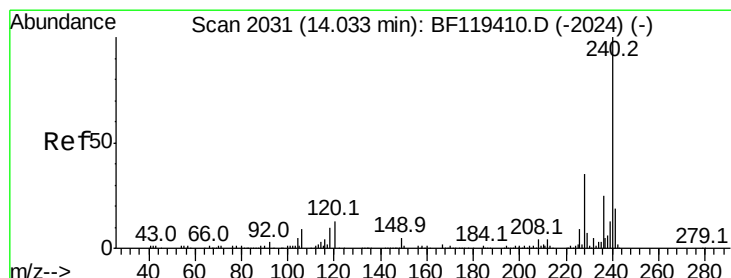
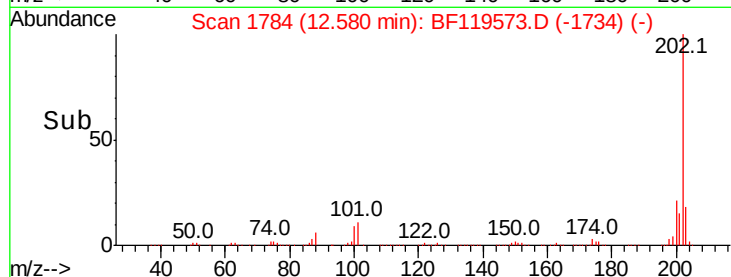
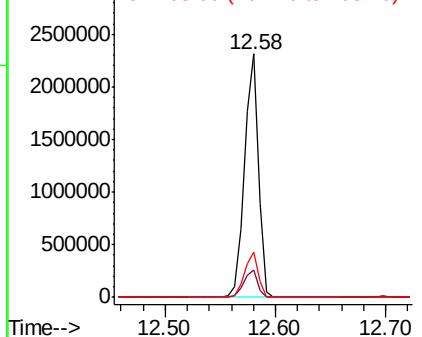


Abundance

Ion 202.00 (201.70 to 202.70): E

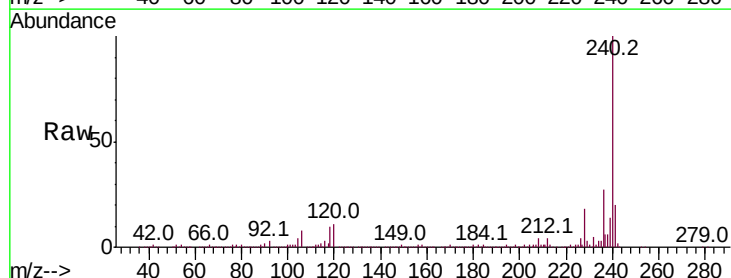
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	812033		
120	11.1		10.6	15.8
236	26.7		20.2	30.2

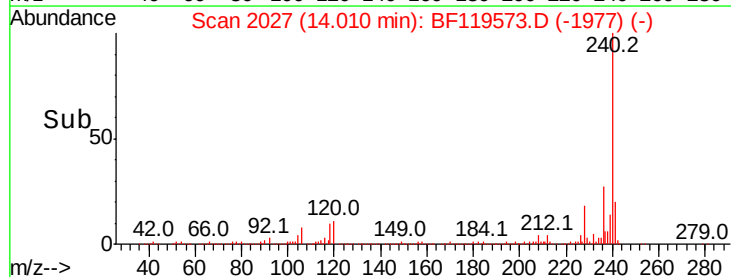
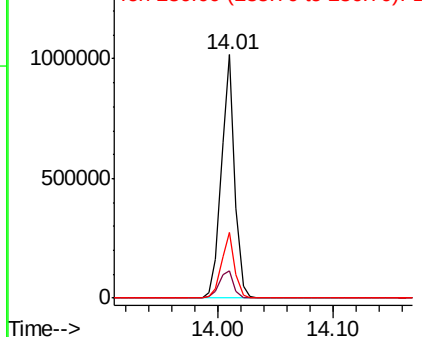


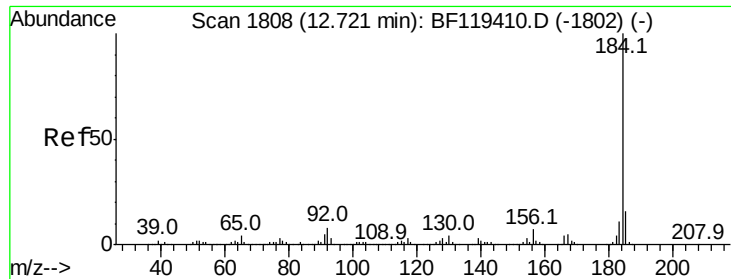
Abundance

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: 36.994 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

Tot Ion:184 Resp: 1271322

Ion Ratio Lower Upper

184 100

185 15.1

183 11.1

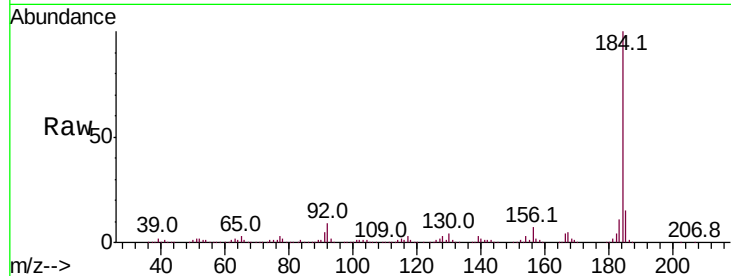
12.3 18.5

9.0 13.6

Manual Integrations
APPROVED

mohammad

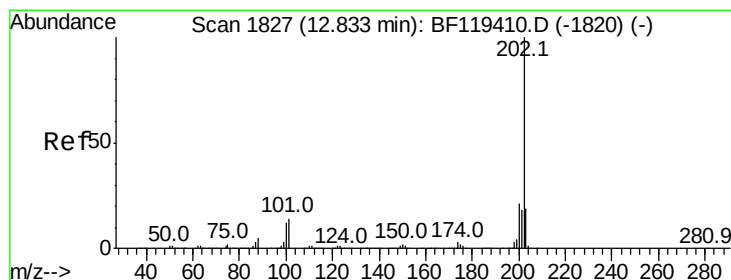
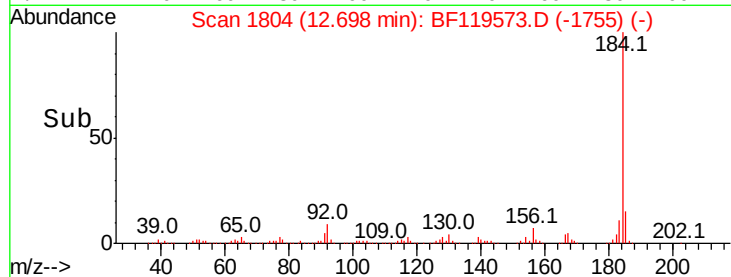
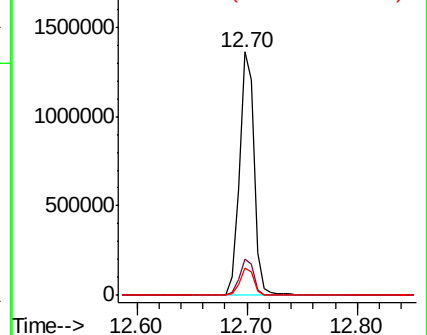
3/31/2020 8:15:14 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.428 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Tgt Ion:202 Resp: 2094466

Ion Ratio Lower Upper

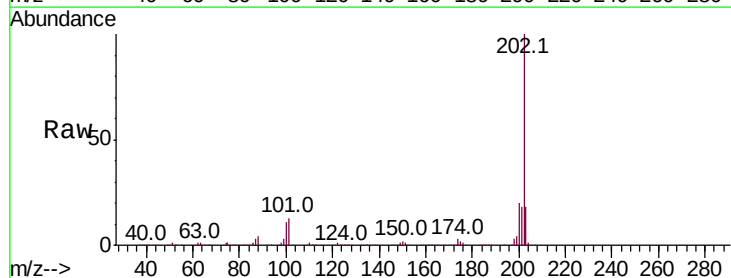
202 100

200 20.4

203 18.3

16.8 25.2

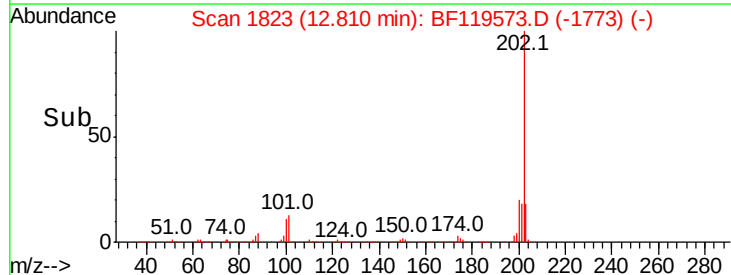
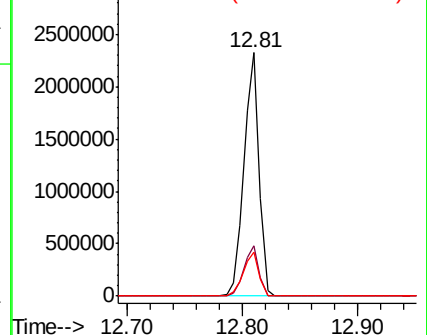
15.1 22.7

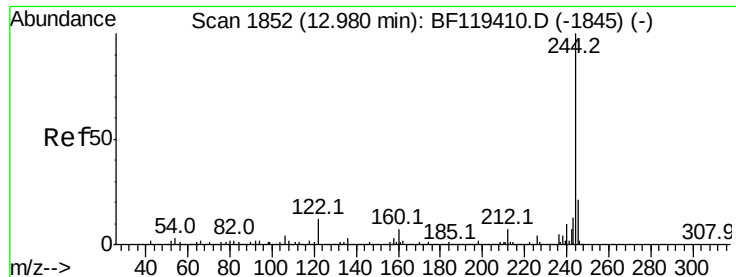


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.233 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

Instrument :

BNA_F

ClientSampleId :

PB127856BSD

Tot Ion:244 Resp: 2828056

Ion Ratio Lower Upper

244 100

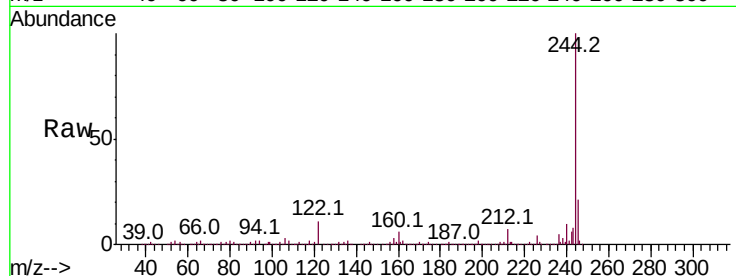
212 6.6 5.8 8.8

122 10.9 10.3 15.5

Manual Integrations
APPROVED

mohammad

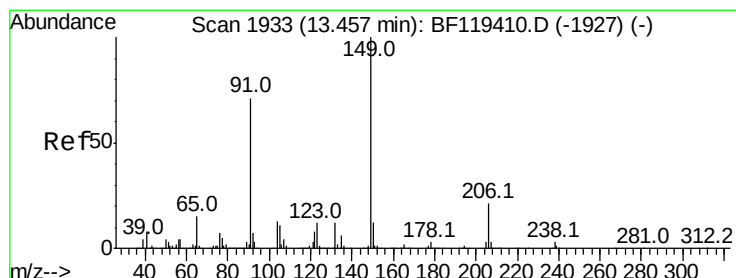
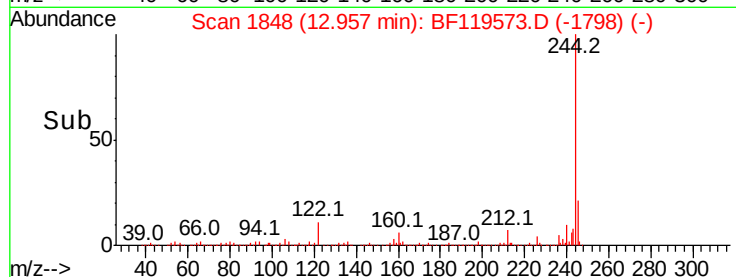
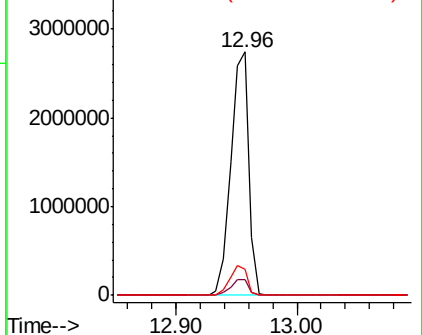
3/31/2020 8:15:14 AM



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: 37.164 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119573.D

Acq: 27 Mar 2020 18:00

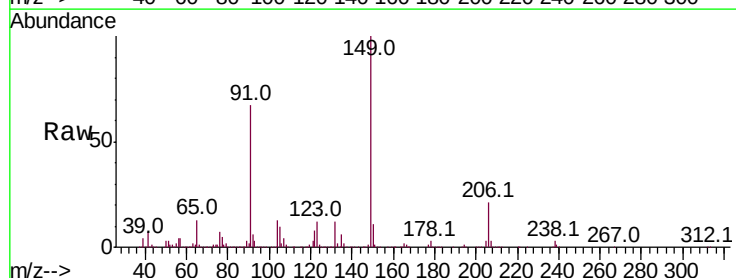
Tgt Ion:149 Resp: 1001716

Ion Ratio Lower Upper

149 100

91 67.0 54.7 82.1

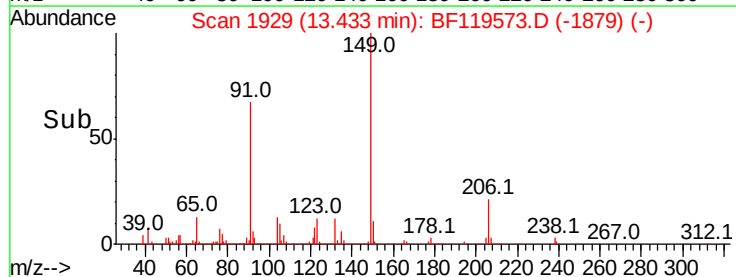
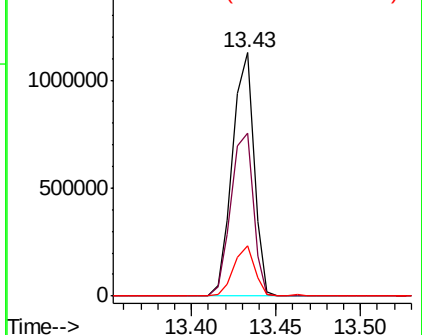
206 20.9 16.2 24.2

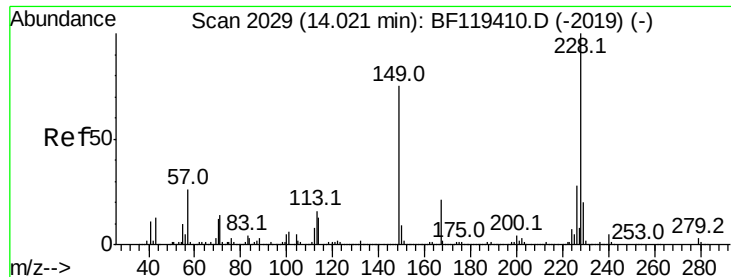


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





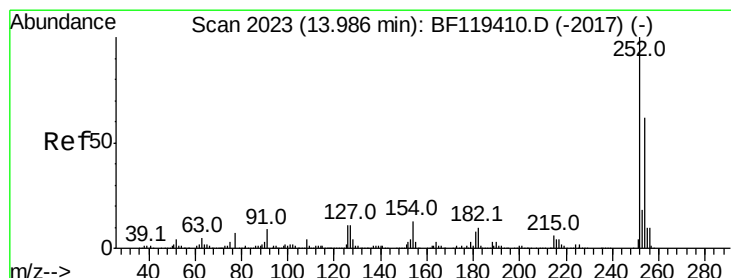
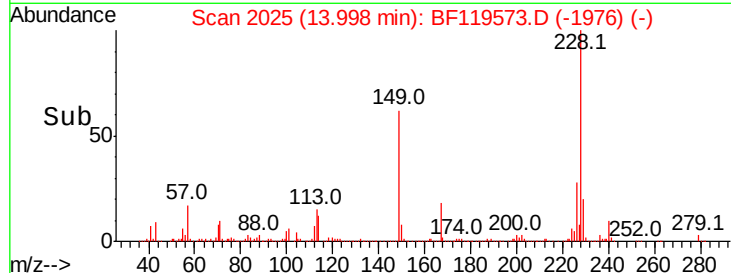
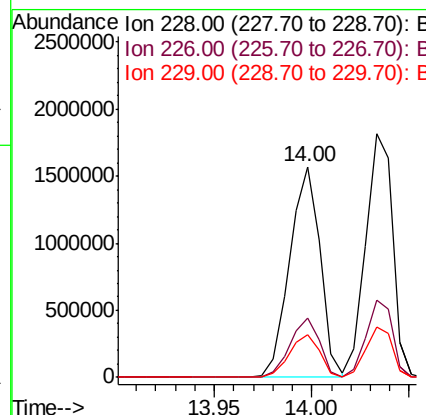
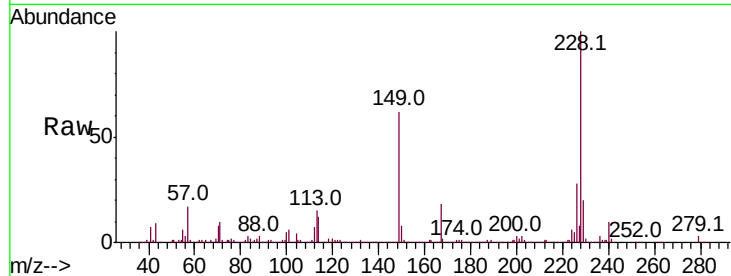
#81
Benzo(a)anthracene
Concen: 32.099 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.5	16.2	24.4

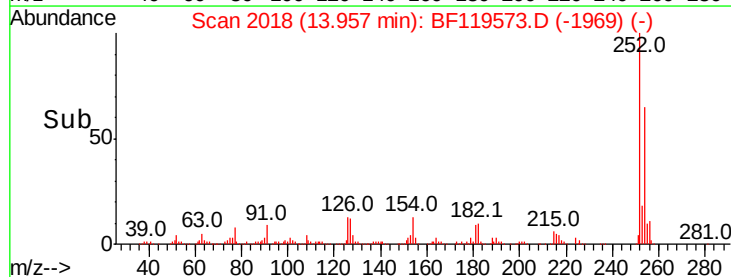
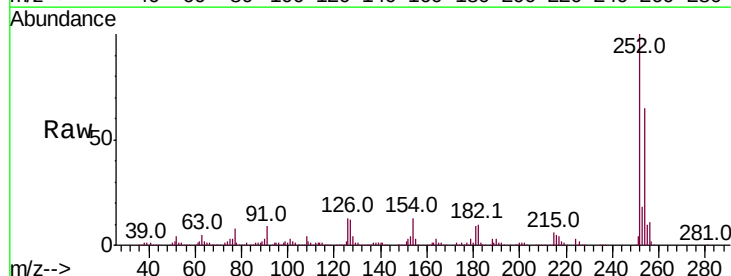
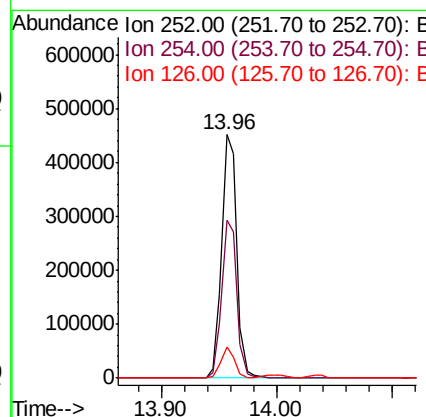
Manual Integrations
APPROVED

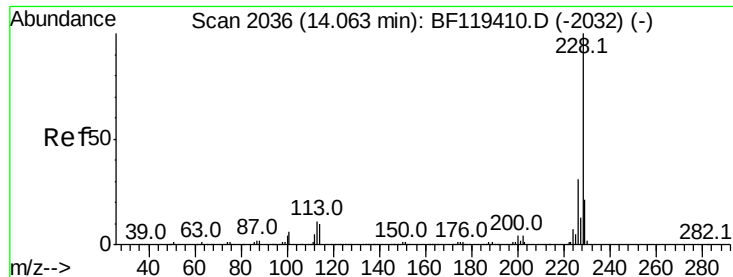
mohammad
3/31/2020 8:15:14 AM



#82
3,3'-Dichlorobenzidine
Concen: 19.822 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	12.8	9.6	14.4





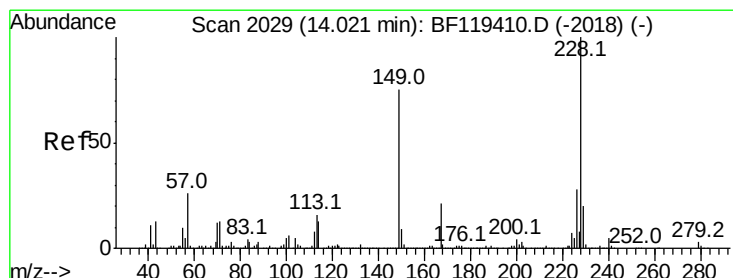
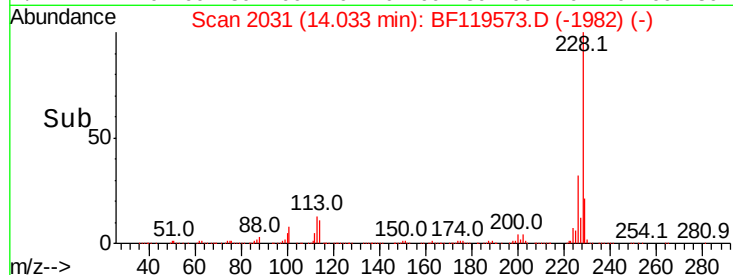
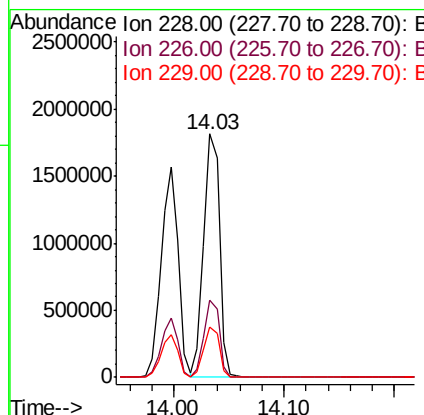
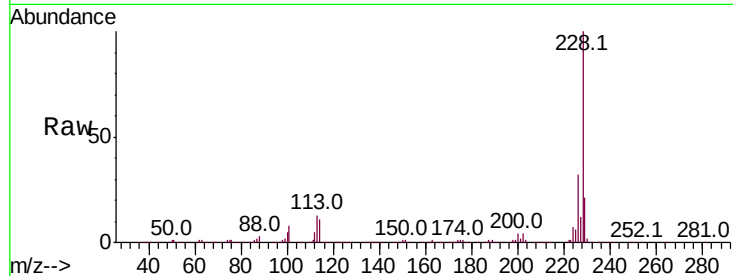
#83
 Chrvsene
 Concen: 32.040 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.8	16.6	24.8

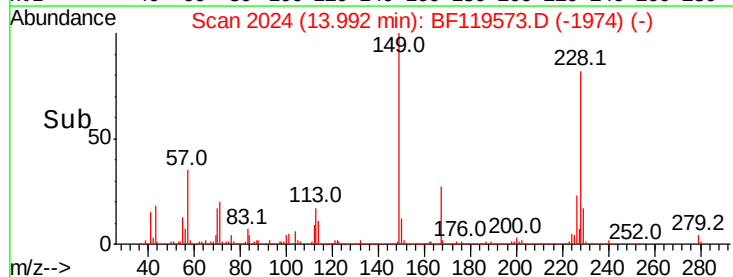
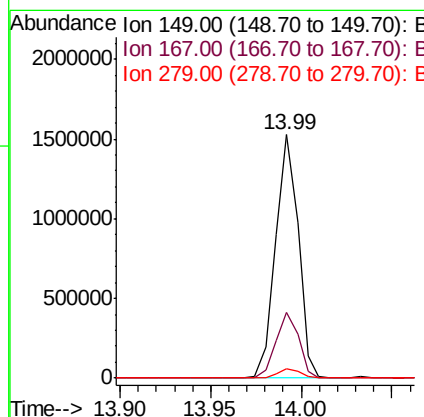
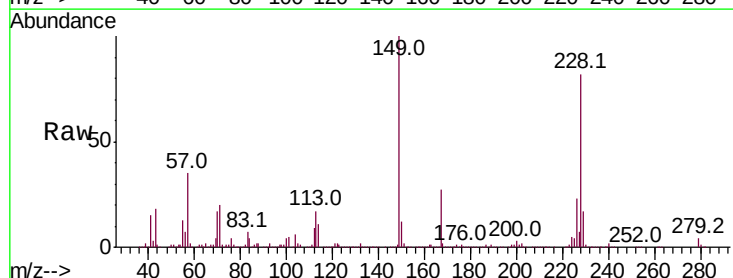
Manual Integrations
 APPROVED

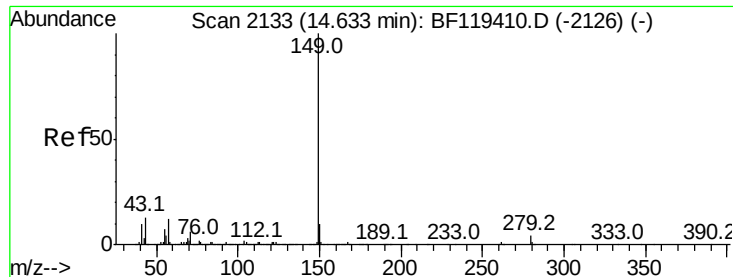
mohammad
 3/31/2020 8:15:14 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.475 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF119573.D
 Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.6	2.7	4.1





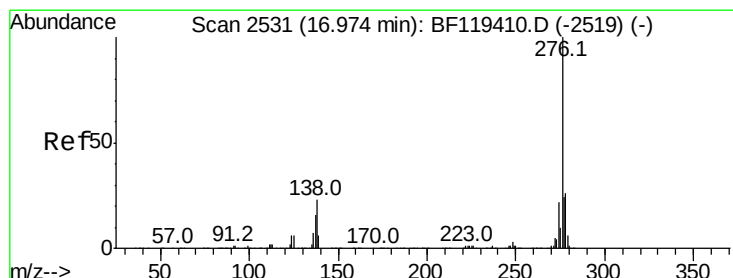
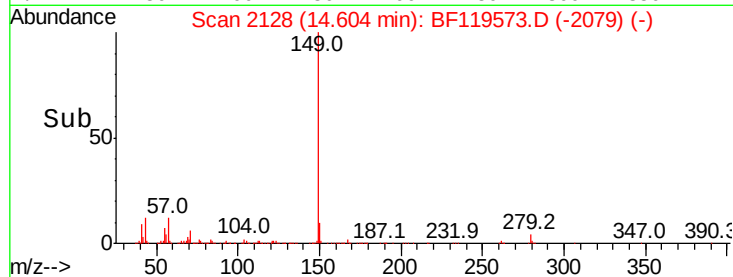
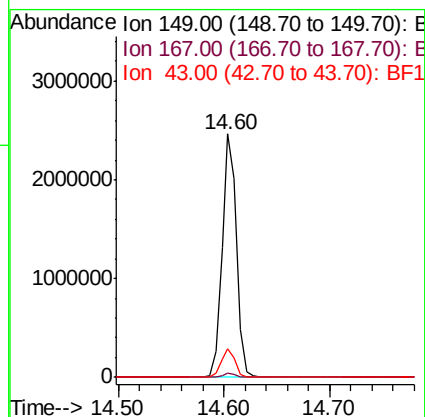
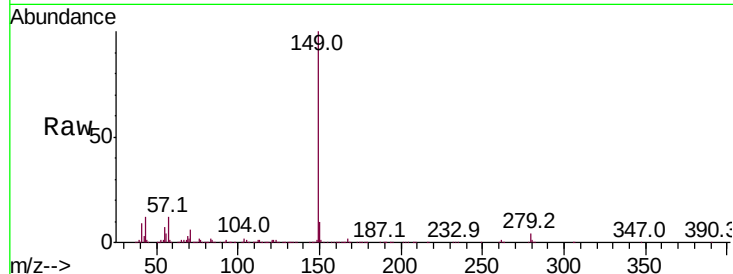
#85
Di-n-octyl phthalate
Concen: 41.562 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.4	9.3	13.9

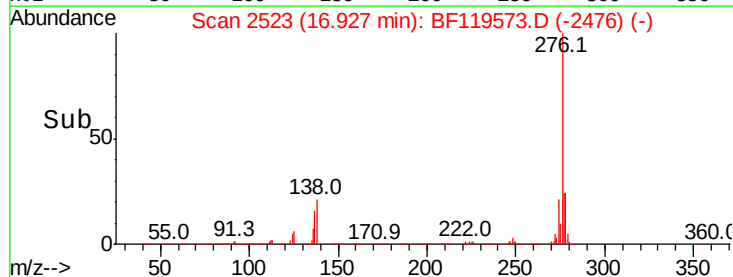
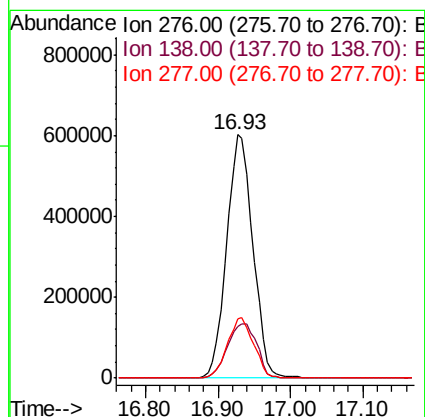
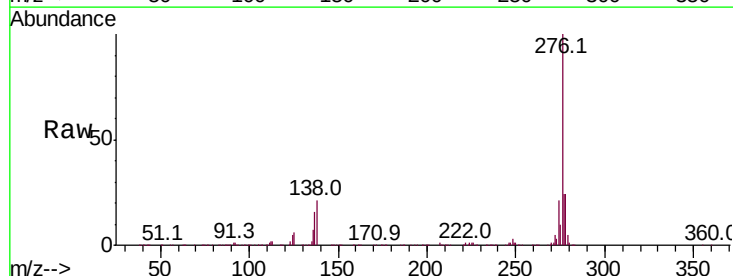
Manual Integrations
APPROVED

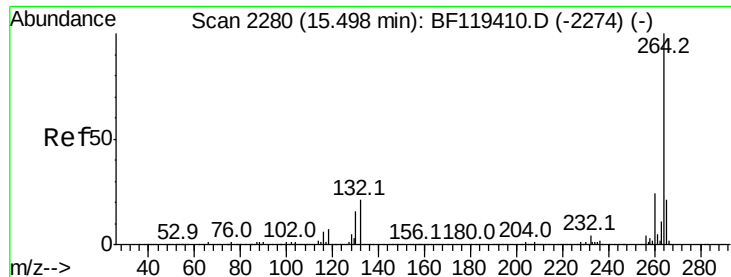
mohammad
3/31/2020 8:15:14 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 29.486 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.6	29.4
277	24.8	20.0	30.0





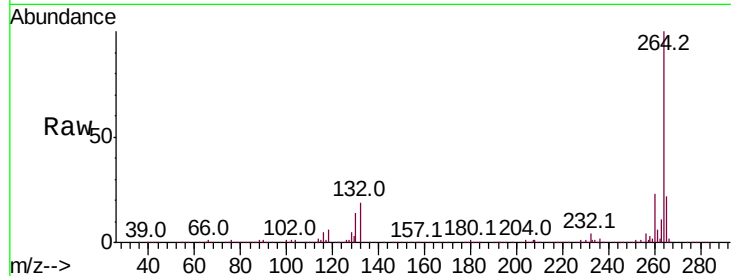
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.7	17.7	26.5

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM



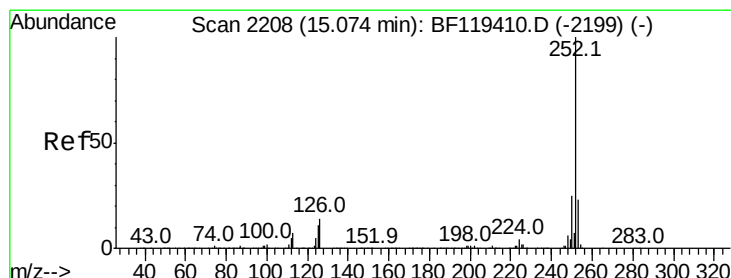
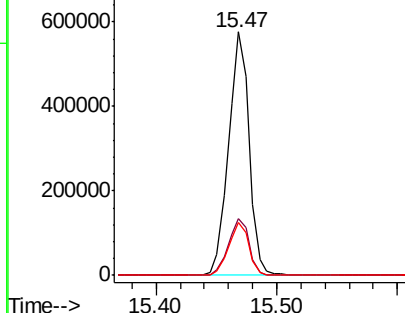
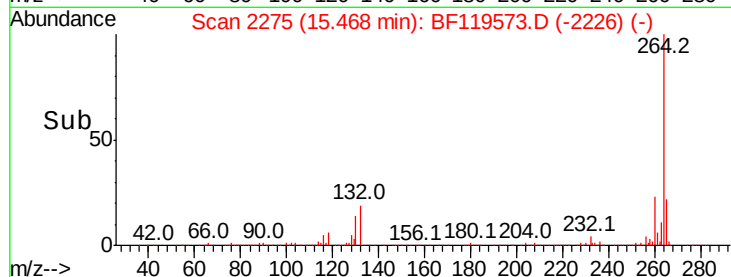
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

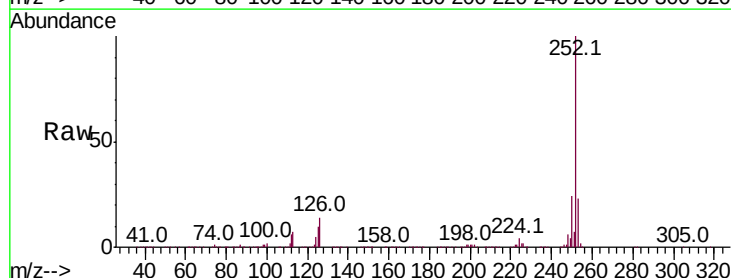
Ion 265.00 (264.70 to 265.70): E

15.47



#88
Benzo(b)fluoranthene
Concen: 35.675 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	10.4	7.9	11.9



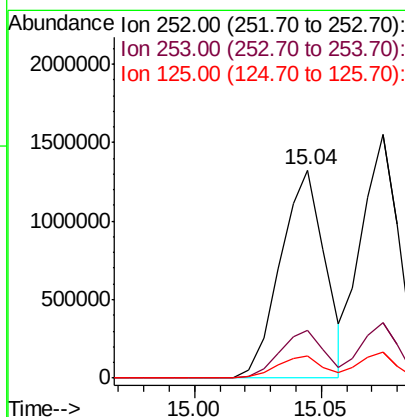
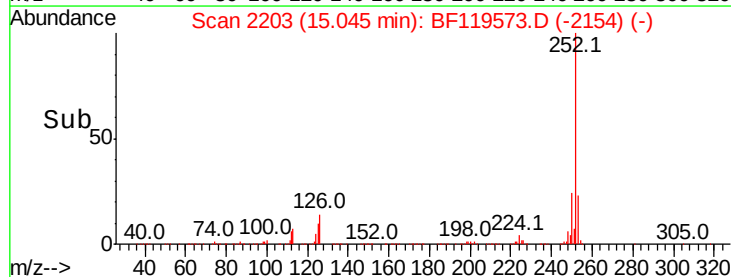
Abundance

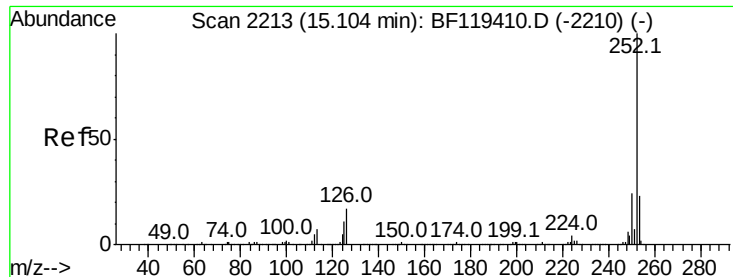
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.04





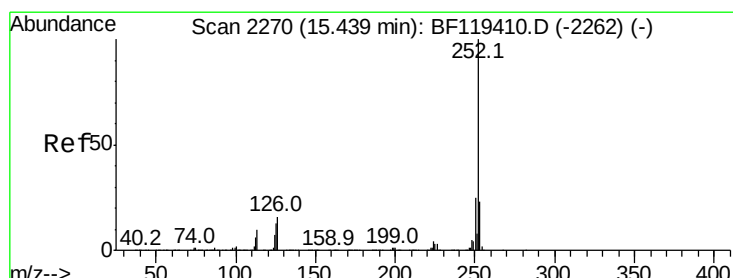
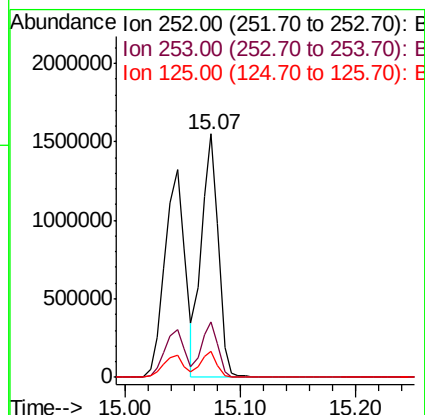
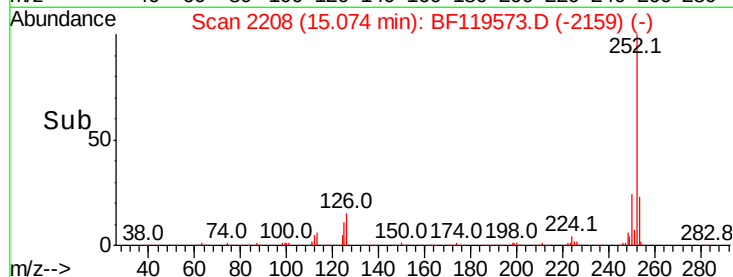
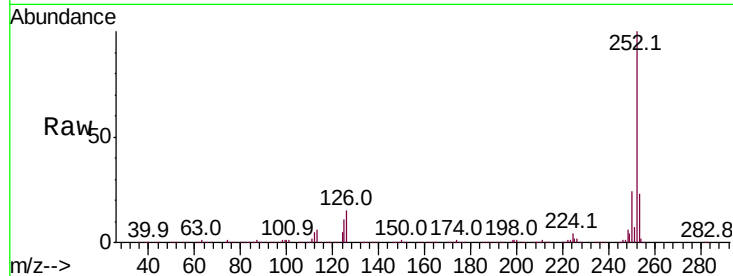
#89
Benzo(k)fluoranthene
Concen: 36.813 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	10.6	8.4	12.6

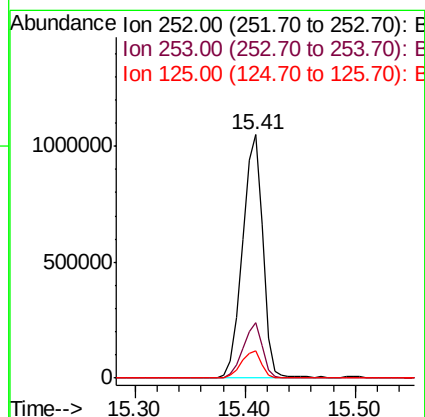
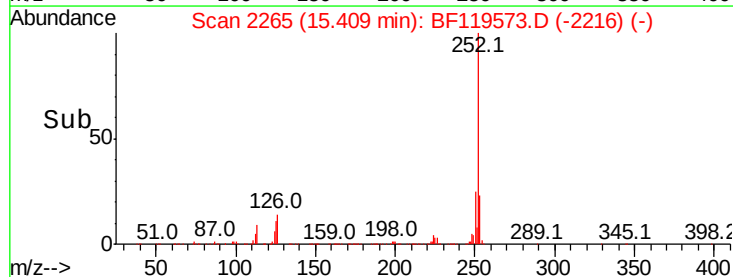
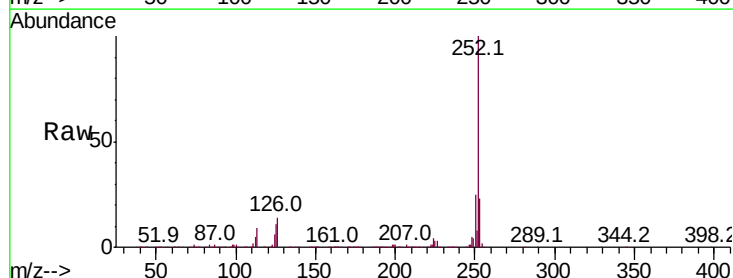
Manual Integrations
APPROVED

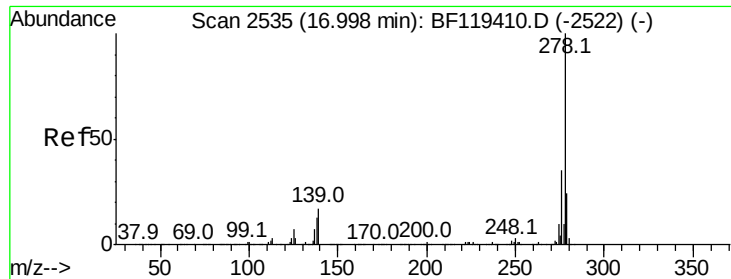
mohammad
3/31/2020 8:15:14 AM



#90
Benzo(a)pyrene
Concen: 32.967 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	11.3	9.4	14.2





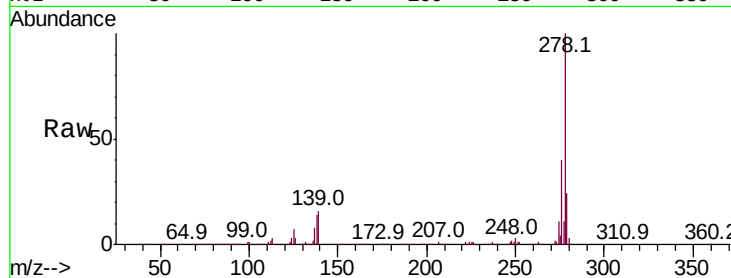
#91
Dibenzo(a,h)anthracene
Concen: 34.659 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.6	19.0
279	24.4	19.0	28.6

Manual Integrations
APPROVED

mohammad
3/31/2020 8:15:14 AM

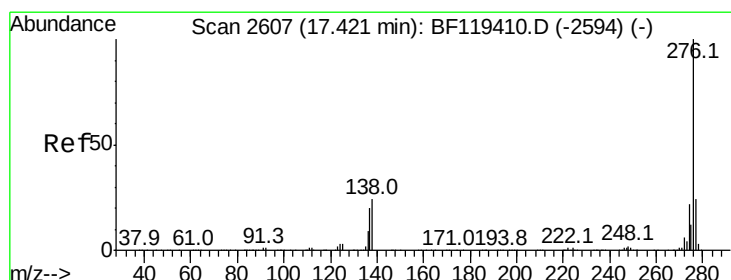
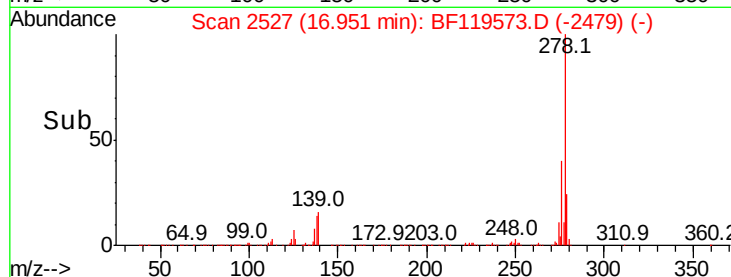
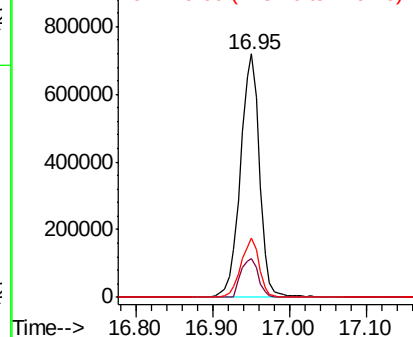


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 32.265 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BF119573.D
Acq: 27 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	20.1	15.4	23.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

